



**TECHNICAL  
CATALOG**

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## ABOUT US

### ALLIANCE

Alliance has a range of over 1000 specialized tires, with each product being carefully engineered keeping the latest technology in mind. Alliance helps to maximize profits with its focus on pioneering innovation and technology. It offers the widest range in sizes and patterns so that you have the perfect, most efficient tire for your needs. Alliance is the market leader in Row Crop and a pioneer in Flotation tires. Alliance also boasts of a very comprehensive line-up of tires for tractors, sprayers and spreaders. It offers the widest range in terms of prices, sizes and patterns, which are available for various agricultural and industrial applications.

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# AGRICULTURE







# Tire Patterns by Segments

## FarmPRO 324

TRACTION ██████████  
FIELD PERFORMANCE ██████████  
SOIL PROTECTION ██████████



R-1

Pg.No.31

## 768 IRRIGATION

TRACTION ██████████  
FIELD PERFORMANCE ██████████  
SOIL PROTECTION ██████████



R-1

Pg.No.34

## 337 DEEP LUG

TRACTION ██████████  
FIELD PERFORMANCE ██████████  
SOIL PROTECTION ██████████



R-1W+

Pg.No.34

## 340

TRACTION ██████████  
FIELD PERFORMANCE ██████████



R-1

Pg.No.35

## FarmPRO TD45

TRACTION ██████████  
SOIL PROTECTION ██████████



R-1

Pg.No.35

## 304

TRACTION ██████████  
FIELD PERFORMANCE ██████████  
SOIL PROTECTION ██████████



R-1

Pg.No.36

## TRACPRO EX

TRACTION ██████████  
SELF CLEANING ██████████



R-1

Pg.No.36

## HAULPRO-ML

TRACTION ██████████  
ROADABILITY ██████████  
SELF CLEANING ██████████



R-1

Pg.No.36

## 768 VALUE PLUS

SOIL PROTECTION ██████████  
TRACTION ██████████



R-1

Pg.No.37

## Row Crop

### AGRIFLEX+ 354

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1W

**SB**  
STEEL BELTED

Pg.No.40

### AGRIFLEX+ 363

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1

**SB**  
STEEL BELTED

Pg.No.41

### AGRIFLEX 354

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1W

**SB**  
STEEL BELTED

Pg.No.42

### AGRIFLEX 363

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1

**SB**  
STEEL BELTED

Pg.No.43

### 350

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1

Pg.No.43

## Combine Harvester

### AGRIFLEX+ 372

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1W

**SG SB**  
STUBBLE GUARD STEEL BELTED

Pg.No.48

### AGRIFLEX 372

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1W

**SG SB**  
STUBBLE GUARD STEEL BELTED

Pg.No.48

### AGRIFLEX+ 377

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1

**SB**  
STEEL BELTED

Pg.No.50

### AGRI-STAR 375

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████



R-1W

**SB SC**  
STEEL BELTED SPECIAL COMPOUND

Pg.No.50

### MULTISTAR 376

LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████  
TRACTION ██████████  
ROADABILITY ██████████



R-1

**SC SB**  
SPECIAL COMPOUND STEEL BELTED

Pg.No.52

### 360

ROADABILITY ██████████  
TRACTION ██████████  
LOAD CARRYING CAPACITY ██████████  
SOIL PROTECTION ██████████




R-1W

Pg.No.53

# Tire Patterns by Segments

**YIELD MASTER 349**

LOAD CARRYING CAPACITY ██████████  
 ROADABILITY ██████████  
 TRACTION ██████████  
 SOIL PROTECTION ██████████




**R-1**

Pg.No.55

**570**

LOAD CARRYING CAPACITY ██████████  
 ROADABILITY ██████████  
 TRACTION ██████████  
 SOIL PROTECTION ██████████




**R-1**

Pg.No.55

**336**

TRACTION ██████████  
 DRIVING COMFORT ██████████  
 SELF CLEANING ██████████




**IMP**

Pg.No.56

## Radial Flotation

**380**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-3**

**SC** **SB**  
 SPECIAL COMPOUND STEEL BELTED

Pg.No.58

**380 HS**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-3**

**AS** **SC** **SB**  
 ALL STEEL SPECIAL COMPOUND STEEL BELTED

Pg.No.58

**380 HD**

DUTY CYCLE ██████████  
 TRACTION ██████████  
 SOIL PROTECTION ██████████



**FLOTATION**


**I-3**

**SC** **SB**  
 SPECIAL COMPOUND STEEL BELTED

Pg.No.58

**390 HD**

DUTY CYCLE ██████████  
 TIRE LIFE ██████████  
 LOAD CARRYING CAPACITY ██████████  
 TRACTION ██████████  
 GROUND STABILITY ██████████



**FLOTATION**


**I-2**

**SB**  
 STEEL BELTED

Pg.No.59

**390 MPT**

ROADABILITY ██████████  
 TRACTION ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**AS** **SB**  
 ALL STEEL STEEL BELTED

Pg.No.61

**382 MPT**

ROADABILITY ██████████  
 TRACTION ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**SC** **AS**  
 SPECIAL COMPOUND ALL STEEL

Pg.No.61

**398 MPT**

ROADABILITY ██████████  
 TRACTION ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-3**

**AS**  
 ALL STEEL

Pg.No.61

**392**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**C+C** **AS**  
 CUT&CHIP RESISTANT COMPOUND ALL STEEL

Pg.No.62

**391**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 GROUND STABILITY ██████████  
 PUNCTURE RESISTANCE ██████████  
 WEAR RESISTANCE ██████████



**FLOTATION**


**HF-1**

**AS**  
 ALL STEEL

Pg.No.62

**393**

ROADABILITY ██████████  
 TRACTION ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**SB**  
 STEEL BELTED

Pg.No.63

**388**

ROADABILITY ██████████  
 TRACTION ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-3**

**SB**  
 STEEL BELTED

Pg.No.63

**885**

ROADABILITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████  
 LOAD CARRYING CAPACITY ██████████



**FLOTATION**


**I-3**

**SB**  
 STEEL BELTED

Pg.No.64

**882**

ROADABILITY ██████████  
 TRACTION ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**SB**  
 STEEL BELTED

Pg.No.65

**FLOTMASTER 381**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**SB**  
 STEEL BELTED

Pg.No.65

**381 RADIAL IMPLEMENT**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-1**

**SB**  
 STEEL BELTED

Pg.No.66

**AGRIFLEX 381**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**SB**  
 STEEL BELTED

Pg.No.66

**AGRIFLEX+ 381**

ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**


**I-2**

**SB**  
 STEEL BELTED

Pg.No.67

**389 AGRIFLEX+ IMP**

TRACTION ██████████  
 ROADABILITY ██████████  
 LOAD CARRYING CAPACITY ██████████  
 SOIL PROTECTION ██████████  
 SELF CLEANING ██████████



**FLOTATION**

**HF-2**

**SB**  
 STEEL BELTED

Pg.No.67

# Tire Patterns by Segments

## AGRIFLEX+ 881



I-2

AS

ALL  
STEEL

Pg.No.68

## 331 RADIAL



FLOTATION

I-3

SB

STEEL  
BELTED

Pg.No.72

## 328 RADIAL



FLOTATION

I-3

Pg.No.77

## Bias Flotation

### 331

ROADABILITY   
TRACTION   
SOIL PROTECTION   
LOAD CARRYING CAPACITY



FLOTATION

I-3

Pg.No.69

### 328

TRACTION   
ROADABILITY   
SOIL PROTECTION   
LOAD CARRYING CAPACITY



FLOTATION

I-3

Pg.No.72

SG

STUBBLE  
GUARD

### 328 VALUE PLUS

TRACTION   
ROADABILITY   
SOIL PROTECTION   
LOAD CARRYING CAPACITY



FLOTATION

I-3

Pg.No.77

### 128

ROADABILITY   
LOAD CARRYING CAPACITY   
TIRE LIFE



FLOTATION

HF-2

Pg.No.78

## Fronts & Implements

### TracPRO 303 (3 RIB)

ROADABILITY   
FIELD PERFORMANCE   
TIRE LIFE



F-2

Pg.No.80

### TracPRO 303 MULTI-RIB

ROADABILITY   
FIELD PERFORMANCE   
TIRE LIFE



F-2

Pg.No.80

### 303

ROADABILITY   
FIELD PERFORMANCE   
TIRE LIFE



F-2

Pg.No.80

### FarmPRO 303

ROADABILITY   
FIELD PERFORMANCE   
TIRE LIFE



F-2

Pg.No.81

### FarmPRO 303 MULTI-RIB

SELF CLEANING



F-2

Pg.No.82

### 313

ROADABILITY   
FIELD PERFORMANCE   
TIRE LIFE   
LOAD CARRYING CAPACITY



F-2

Pg.No.82

### 571

ROADABILITY   
LOAD CARRYING CAPACITY   
SOIL PROTECTION



IMP

Pg.No.83

SB

STEEL  
BELTED

### 319

ROADABILITY   
LOAD CARRYING CAPACITY   
SOIL PROTECTION



I-1

Pg.No.83

### 328

ROADABILITY   
LOAD CARRYING CAPACITY   
SOIL PROTECTION



FLOTATION

I-3

Pg.No.84

### 328 VALUE PLUS

ROADABILITY   
LOAD CARRYING CAPACITY   
SOIL PROTECTION



FLOTATION

I-3

Pg.No.85

### TRAILER 448

LOAD CARRYING CAPACITY   
ROADABILITY



IMP

Pg.No.85

### 320

ROADABILITY   
LOAD CARRYING CAPACITY   
SOIL PROTECTION



IMP

Pg.No.86

# Tire Patterns by Segments

**320 VALUE PLUS**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**IMP**

Pg.No.88

**FarmPRO IMP 327**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**I-2**

Pg.No.89

**223**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**I-1**

Pg.No.90

**543**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**I-1**

Pg.No.90

**222**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**I-1**

Pg.No.91

**351**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**I-1**

Pg.No.92

**542**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**I-1**

Pg.No.92

**AS 323**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**R-1**

Pg.No.93

**316**

ROADABILITY

LOAD CARRYING CAPACITY

SOIL PROTECTION

**R-3**

Pg.No.94

**317**

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

**R-1**

**WRC** **HRC**  
WEAR RESISTANT COMPOUND HEAT RESISTANT COMPOUND

Pg.No.94

**SUPER SOFT 802**

DUTY CYCLE

TRACTION

TIRE LIFE

**R-3**

Pg.No.95

**HI TRACTION 321**

TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

**R-4**

**C+C**  
CUTCHIP RESISTANT COMPOUND

Pg.No.96

**312**

TRACTION

SOIL PROTECTION

TIRE LIFE

**FLOTATION**

**HF-2**

**WRC**  
WEAR RESISTANT COMPOUND

Pg.No.97

**332**

TRACTION

SOIL PROTECTION

TIRE LIFE

**FLOTATION**

**HF-3**

**SC**  
SPECIAL COMPOUND

Pg.No.97

**312 PLUS**

TRACTION

DUTY CYCLE

TIRE LIFE

**HF-1**

**SC**  
SPECIAL COMPOUND

Pg.No.97

**SLICK MASTER**

TIRE LIFE

LOAD CARRYING CAPACITY

ROADABILITY

**IMPLEMENT**

**SG**  
STUBBLE GUARD

Pg.No.98

**590**

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

CUT RESISTANT

TIRE LIFE

**C+C** **SB**  
CUTCHIP RESISTANT COMPOUND STEEL BELTED

Pg.No.98

## Agri - Loader

**344**

TRACTION

SOIL PROTECTION

LOAD CARRYING CAPACITY

GROUND STABILITY

**LS-2**

**SC** **SB**  
SPECIAL COMPOUND STEEL BELTED

Pg.No.99

**370**

TRACTION

SOIL PROTECTION

LOAD CARRYING CAPACITY

GROUND STABILITY

**R-1W**

Pg.No.99





**TRACTOR**

# RADIAL TRACTOR



## AGRIFLEX+ 372

R-1W

SB

SG

STEEL BELTED STUBBLE GUARD

The advanced AGRIFLEX+ 372 Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry up to 40% more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Not high and sustained torque; Road transport										Cyclic*		CFO*	
				10 6	15 9	20 12	50 31	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6	Load 15 9	Load 30 19				
VF520/80R26	DW16L	505	1465	627	4335	168A8	2.8	6000	5600	5600	5100	-	-	-	7448	6216	
	DW18L	19.9	57.7	24.7	170.7		41	13230	12350	12350	11240	-	-	-	16420	13700	
VF 750/65R26	DW25B	754	1636	698	4755	177B	2.4	7820	7300	7300		7300	6640	3	10220	-	
	DW27B	29.7	64.4	27.5	187.2		35	17240	16090	16090		16090	14640	44	22530	-	
VF 420/85R28	W15	448	1437	628	4254	151D	1.6	3700	3450	3450	-	3450	3140	2	5348	-	
	W14	17.6	56.6	24.7	167.5		23	8160	7610	7610	-	7610	6920	29	11790	-	
VF 600/60R28	DW20B	590	1430	620	4159	146D	1	3210	3000	3000	-	3000	2730	1.3	4650	-	
		23.2	56.3	24.4	163.7		15	7070	6610	6610	-	6610	6010	18	10240	-	
VF 600/65R28 CFO	DW21B	606	1485	650	4382	163D	2	5220	4875	4875	-	4875	4440	-	-	6480	5410
	DW20B	23.9	58.5	25.6	172.5		29	11510	10750	10750	-	10750	9790	-	-	14290	11930
VF 600/70R28 CFO	DW21B	625	1560	681	4602	173D	2.8	6960	6500	6500	-	6500	5920	3.5	10075	-	
	DW20B	24.6	61.4	26.8	181.2		41	15330	14320	14320	-	14320	13040	51	22190	-	
VF 600/60R30	DW20B	590	1490	651	4335	147D	1	3290	3075	3075	-	3075	2800	1.3	4766	-	
		23.2	58.7	25.6	170.7		15	7250	6770	6770	-	6770	6170	18	10500	-	
VF 600/70R30 CFO	DW21B	625	1600	715	4724	170D	2.4	6430	6000	6000	-	6000	5460	3	9300	-	
	DW20B	24.6	63	28.1	186		35	14160	13220	13220	-	13220	12030	44	20480	-	
VF 620/75R30	DW23B	650	1675	720	4866	169D	1.6	6210	5800	5800	-	5800	5280	-	-	7714	6438
	DW20B	25.6	65.9	28.3	191.6		23	13690	12790	12790	-	12790	11640	-	-	17010	14190
VF 650/75R30 CFO	DW23B	660	1720	734	4964	172D	1.6	6750	6300	6300	-	6300	5730	-	-	8379	6993
	DW21B	26	67.7	28.9	195.4		23	14870	13880	13880	-	13880	12620	-	-	18460	15400
VF 710/55R30	DW25B	710	1545	675.35	4755	165D	1.6	5520	5150	5150	-	5150	4690	2	7210	-	
	DW23B	28	60.8	26.6	187.2		23	12170	11350	11350	-	11350	10340	29	15900	-	
VF 710/60R30 NRO	DW25B	710	1615	696	4744	171D	2	6590	6150	6150	-	6150	5600	2.5	8610	-	
	DW23B	28	63.6	27.4	186.8		29	14530	13560	13560	-	13560	12350	36	18980	-	
VF 900/60R32 NRO*						196D		-----UNDER DEVELOPMENT-----									
VF 600/70R34	DW21B	625	1705	672.85	4982	167D	1.6	5840	5450	5450	-	5450	4960	2	7630	-	
	DW20B	24.6	67.1	26.5	196.1		23	12880	12020	12020	-	12020	10940	29	16820	-	
VF650/65R34 CFO NRO	DW23B	650	1720	753	4960	167D	1.6	5840	5450	5450	-	5450	4960	2	8448	-	
	DW20B	25.6	67.7	29.6	195.3		23	12880	12020	12020	-	12020	10940	29	18630	-	
VF 710/60R34-NRO*						173D		-----UNDER DEVELOPMENT-----									
VF 520/85R38	DW16L	530	1850	808	5485	170D	2	6430	6000	6000	-	6000	5460	2.5	8400	-	
	DW18L	20.9	72.8	31.8	215.9		29	14180	13230	13230	-	13230	12040	36	18520	-	
VF 650/75R38 NRO*						175D		-----UNDER DEVELOPMENT-----									
VF 710/60R38 NRO	DW25B	710	1815	803	5314	160D	1	4820	4500	4500	-	4500	4100	1.3	6975	-	
	DW23B	28	71.5	31.6	209.2		15	10620	9910	9910	-	9910	9030	18	15360	-	
VF 710/70R38	DW25B	720	1959	843	5717	178D	1.6		7500	7500	8040	7500	6830	-	-	-	
	DW24B DW23B	28.3	77.1	33.2	225.1		23		16540	16540	17730	16540	15060	-	-	-	
VF 710/85R38-NRO	DW25B	730	2165	931	6330	183D	1.6	9380	8750	8750	-	8750	7960	2	12250	-	
		28.7	85.2	36.7	249.2		23	20680	19290	19290	-	19290	17550	29	27010	-	
VF 800/70R38 CFO NRO	DW27B	820	2085	911	6173	190A8	2.4	11360	10600	10600	9650	10600	-	-	14098	11766	
		32.3	82.1	35.9	243.0		35	25040	23370	23370	21280	23370	-	-	31080	25940	
VF 900/60R38 CFO NRO	DW30B	888	2035	876	5964	187A8	2	10450	9750	9750	-	9750	8870	-	-	12968	10823
	DW28B	35	80.1	34.5	234.8		29	23020	21480	21480	-	21480	19540	-	-	28560	23840
VF 580/85R42 NRO	DW20B	595	2040	910	6054	183D	2.8	9380	8750	8750	-	8750	7960	3.5	12250	-	
		23.4	80.3	35.8	238.3		41	20680	19290	19290	-	19290	17550	51	27010	-	
VF 620/70R42	DW12B DW20B DW23B	620	1935	848	5716	172D	1.6	6750	6300	6300	-	6300	5730	-	-	8380	6990
		24.4	76.2	33.4	225		23	14880	13890	13890	-	13890	12630	-	-	18480	15410
VF 520/85R42	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300	-	7300	6640	-	-	9709	8103
	DW18L	21.3	77	34.4	228.6		41	17240	16090	16090	-	16090	14640	-	-	21410	17860
VF 710/60R42 NRO	DW25B	710	1923	850	5656	161D	1	4960	4625	4625	-	4625	4210	1.3	7169	-	
	DW23B	28	75.7	33.5	222.7		15	10930	10190	10190	-	10190	9270	18	15790	-	
710/70R42 VF CFO	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250	-	9250	8420	2.4	12303	10268	
	DW24B DW23B	29.3	81.2	36.4	239.9		35	21850	20390	20390	-	20390	18560	35	27120	22640	
710/75R42 VF CFO	DW25B	725	2153	940	6279	181D	1.6	8840	8250	8250	-	8250	7510	1.6	10973	9158	
		28.5	84.8	37	247.2		23	19490	18190	18190	-	18190	16560	23	24190	20190	
VF 900/50R42-NRO*						180D		-----UNDER DEVELOPMENT-----									
VF 900/60R42-NRO*						189D		-----UNDER DEVELOPMENT-----									

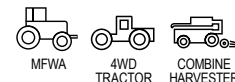
# AGRIFLEX 372

R-1W

SB

SG

STEEL BELTED STUBBLE GUARD



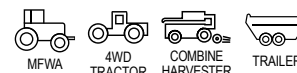
The advanced AGRIFLEX 372 Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry up to 20% more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational productivity. The R-1W pattern ensures excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)							Cyclic*		CFO*	
		Not high and sustained torque;						Road transport			Cyclic*		CFO*					
		10	15					20	25 up to 40 km/h	25 up to 65 km/h	70	Press. bar psi	Load 10	Load 15	Load 30	Load 19		
IF 620/70R26*						170D		UNDER DEVELOPMENT										
IF 420/85R28	W15	448	1437	636	4261	145D	1.6	3630	3240	2970			2900	2640	2	4495		
	W14	17.6	56.6	25	167.8		23	8000	7140	6540			6390	5810	29	9900		
IF 600/70R28	DW21B	625	1560	695	4597	164D	2.4	6250	5580	5130			5000	4550	3	7750		
	DW20B	24.6	61.4	27.4	181		35	13770	12290	11300			11010	10020	44	17070		
IF 600/70R30	DW20	615	1610	720	4770	159D	1.6	5470	4890	4480			4375	3980	2	6781		
							23	12050	10770	9870			9640	8770	29	14940		
						165D	35	6440	5750	5280			5150	4690	3	7983		
IF 520/85R38	DW16L	540	1850	834	5482	167D	2.4	6810	6090	5590			5450	4960	3	8448		
	DW18L	21.3	72.8	32.8	215.8		35	15000	13410	12310			12000	10930	44	18610		
IF 520/85R42	DW16L	540	1955	879	5825	169D	2.4	7250	6480	5950			5800	5280	3	8990		
	DW18L	21.3	77	34.6	229.3		35	15970	14270	13110			12780	11630	44	19800		
IF 710/70R42 CFO	DW25B	745	2062	929	6114	179D	2.4	9690	8650	7940			7750	7050	3	12013		
	DW24B	29.3	81.2	36.6	240.7		35	21340	19050	17490			17070	15530	44	26460		
DW23B																		
IF 710/65R46*						183D		UNDER DEVELOPMENT										

# AGRI-STAR XL 378

R-1W



The Agri-star XL 378 Large Volume series is dedicated for application on High Power Tractors, Combines / Harvesters and big Trailers. Agri-star XL 378 provides very good performance at the price level of standard tires.

Specific tread pattern and tire construction enables use on numerous multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth run on hard surfaces, combined with high traction and excellent self cleaning abilities. Strong textile casing, reinforced by rigid belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by advanced rubber compound which along with durable sidewalls, contribute to a longer overall tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)							Field operation				
		Not high and sustained torque;						Road transport					Low Torque		High Torque				
		Static	10					25	30	40	50	65	70	10	20	High	Torque		
620/75R30 Steel Belted	DW20	590	1692	760.6	5142	166D	3.2	12190	7950	6280	6100	5800	5570	5300	4820				
		23.2	66.6	29.9	202.4	169A8	46	26850	17510	13830	13440	12780	12270	11670	10620				
710/55R30	DW23	677	1516	667	4459	153D	1.6	8400	5480	4330	4200	4000	3830	3650	3320	5600	4800	4280	
		26.7	59.7	26.3	175.6		23	18500	12070	9540	9250	8810	8440	8040	7310	12330	10570	9430	
710/60R30	DW23B	705	1616	723	4858	162D	2.4	10930	7130	5630	5460	5200	4990	4750	4320	7280	6240	5560	
		27.8	63.6	28.5	191.3	165A8	35	24070	15700	12400	12030	11450	10990	10460	9520	16040	13740	12250	
600/70R34	DW20B	610	1705	770	5118	160D	2.4	10350	6750	5330	5180	4930	4730	4500	4100	6900	5920	5280	
		DW18L	24	67.1	30.3	201.5	163A8	35	22800	14870	11740	11410	10860	10420	9910	9030	15200	13040	11630
W18L																			
710/60R34	DW23B	710	1712	771	5128	164D	2.4	11500	7500	5930	5750	5480	5250	5000	4550	7670	6580	5860	
		28	67.4	30.4	201.9	167A8	35	25330	16520	13060	12670	12070	11560	11010	10020	16890	14490	12910	
650/75R38	DW23B	671	1930	871	5730	169D	2.4	13340	8700	6870	6670	6350	6090	5800	5280	8890	7620	6790	
		DW21B	26.4	76	34.3	225.6	172A8	35	29380	19160	15130	14690	13990	13410	12780	11630	19580	16780	14960
DW20B																			
900/55R38 Steel Belted	DW27	850	2000	901	6021	178D	2.4	17250	11250	8890	8630	8210	7880	7500		11490	9850	8780	
		DW28	33.5	78.7	35.5	237	181A8	35	38000	24780	19580	19010	18080	17360	16520		25310	21700	19340
900/60R38	DW27	856	2032	912	6081	178D	2.4	17250	11250	8890	8630	8210	7880	7500	6830	11490	9850	8780	
		DW28	33.7	80	35.9	239.4	181A8	35	38000	24780	19580	19010	18080	17360	16520	15040	25310	21700	19340
710/75R42	DW23B	730	2140	965	6409	175D	2.4	15870	10350	8180	7940	7560	7250	6900	6280	10580	9070	8090	
		28.7	84.3	38	252.3	178A8	35	34960	22800	18020	17490	16650	15970	15200	13830	23300	19980	17820	
900/50R42	DW28B	855	1947	861	5771	168D	1.6	12880	8400	6640	6440	6130	5880	5600	5100	8580	7360	6560	
		DW27B	33.7	76.7	33.9	227.2	180D	23	28370	18500	14630	14190	13500	12950	12330	11230	18900	16210	14450
DW30B																			
900/60R42	DW28	890	2140	951	6356	180D	2.4	18400	12000	9480	9200	8760	8400	8000	7280	12260	10510	9370	
		DW27	35	84.3	37.4	250.3		35	40530	26430	20880	20260	19300	18500	17620	16040	27000	23150	20640
DW30																			

# AGRI-STAR 365 VF

R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The 365 Agri-star tread pattern represents the family of modern radial agricultural tires with low aspect ratio. VF technology combined with special construction & advanced compounds provide low soil compaction, extraordinary traction and 40% higher load capacity for the same inflation pressure. Narrow Rim Option (NRO) technology enables VF tires marked NRO also to be fitted on a standard rim.

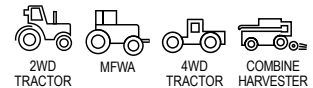


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	Not high and sustained torque; Road transport					Cyclic*						
				10 6	15 9	20 12	25 up to 65 km/h 15 up to 40 mph	70 44	Press. bar psi	Load 10 6					
VF 600/65R28 NRO	DW20B W18L DW21B	615 24.2	1491 58.7	642 25.3	4436 174.6	163D	2 29	5220 11500	4875 10740	4875 10740	4875 10740	4875 10740	4440 9780	2.5 36	7560 16650

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in	mm in	mm in	Cyclic for CFO		Non cyclic operation		Infl. press bar psi	Cyclic service 10 6		
						15 9	30 19	65 40	70 43				
VF650/65R42 NRO	DW20B DW21B	650 25.6	1935 76.2	842 33.1	5894 232	174D	2 29	10390 22910	8710 19200	6700 14770	6100 13450	2.8 41	9380 20680

# AGRI-STAR 365

R-1W



The Alliance Agri-star 365 (High Speed Drive Tractor Radial) tread pattern represents the family of modern radial agricultural tires with low aspect ratio. High tire volumes as well as low inflation pressure, provides high traction capabilities and more soil protection. The optimum number of elastic lugs promises excellent self-cleaning capability. Strong carcass and rigid belts ensure long tire life.



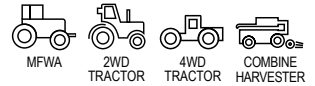
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	1) Not high and sustained torque; 2) Road transport					Cyclic operation						
						Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
420/65R20	W13	418 16.5	1054 41.5	513 20.2	3110 122.4	135D 138A8	2.5 35	2510 5530	2580 5680	2390 5260	2290 5040	2180 4800	1980 4360	3.1 44	3710 8170	3380 7440	
		447 17.6	1192 46.9	547.4 21.6	3553 139.9	128D 131A8	1.6 23	2070 4560	2130 4690	1970 4340	1890 4160	1800 3960	1640 3610	2 29	3060 6740	2790 6150	
440/65R24	W13	447 17.6	1192 46.9	547.4 21.6	3553 139.9	135D 138A8	2.4 35	2510 5530	2580 5680	2390 5260	2290 5040	2180 4800	1980 4360	3 44	3710 8170	3380 7440	
		483 19	1238 48.7	555 21.9	3670 144.5	140D	2 29	2880 6340	2960 6520	2740 6040	2630 5790	2500 5510	2280 5020	2.9 42	4250 9360	3880 8550	
480/65R24	W15L	483 19	1238 48.7	555 21.9	3670 144.5	140D	1.6 23	2880 6340	2960 6520	2740 6040	2630 5790	2500 5510	2280 5020	2 29	4250 9360	3880 8550	
		540 21.3	1312 51.7	592 23.3	3871 152.4	146D	2.4 35	3450 7600	3560 7840	3290 7250	3150 6940	3000 6610	2730 6010	3 44	5100 11230	4650 10240	
440/65R28	W14LX28	441 17.4	1283 50.5	590.4 23.2	3869 152.3	138D	2.4 35	2710 5980	2800 6170	2580 5690	2480 5470	2360 5200	2150 4740	3 44	4010 8840	3660 8070	
		477 18.8	1335 52.6	607.3 23.9	3990 157.1	142D 145A8	2.4 35	3050 6720	3140 6920	2900 6390	2780 6120	2650 5840	2410 5310	3 44	4510 9930	4110 9050	
480/65R28	W14L	477 18.8	1335 52.6	607.3 23.9	3990 157.1	136D 139A8	1.6 23	2580 5680	2650 5840	2450 5400	2350 5180	2240 4930	2040 4490	2 29	3810 8390	3470 7640	
		530 20.9	1420 55.9	639 25.2	4200 165.4	142D 145A8	1.6 23	3050 6720	3140 6920	2900 6390	2780 6120	2650 5840	2410 5310	2 29	4510 9930	4110 9050	
540/65R28	W15L W18L	530 20.9	1420 55.9	639 25.2	4200 165.4	149D 152A8	2.4 35	3740 8240	3850 8480	3560 7840	3410 7510	3250 7160	2960 6520	3 44	5530 12180	5040 11100	
		594 23.4	1484 58.4	668.6 26.3	4450 175.2	147D 150A8	1.6 23	3540 7800	3640 8020	3370 7420	3230 7110	3075 6770	2800 6170	2 29	5230 11520	4770 10510	
600/65R28	W18L	594 23.4	1484 58.4	668.6 26.3	4450 175.2	154D	2.4 35	4310 9490	4440 9780	4110 9050	3940 8680	3750 8260	3410 7510	3 44	6380 14050	5810 12800	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	1) Not high and sustained torque; 2) Road transport												
				Non cyclic operation					Cyclic operation							
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
540/65R30	W16L	560	1486	668	4478	143D	1.6	3130	3230	2980	2860	2725	2480	2	4630	4220
	W18L	22	58.5	26.3	176.3	146A8	2.3	6890	7110	6560	6300	6000	5460	29	10200	9300
						150D	2.4	3850	3970	3670	3520	3350	3050	3	5700	5190
						153A8	35	8480	8740	8080	7750	7380	6720	44	12560	11430
600/65R30	DW20	610	1542	697	4738	149D	1.6	3740	3850	3560	3410	3250	2960	2	5530	5040
	W18L	24	60.7	27.4	186.5	158D	2.5	4890	5040	4650	4460	4250	3870	3.1	7230	6590
						152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500
						155A8	35	8990	9270	8570	8220	7820	7110	44	13300	12110
540/65R34	W16L	533	1570	717.9	4653	145D	1.6	3340	3440	3180	3050	2900	2640	2	4930	4500
	W15L					148A8	23	7360	7580	7000	6720	6390	5810	29	10860	9910
	W18L	21	61.8	28.3	183.2	151D	1.6	3970	4090	3780	3620	3450	3140	2	5870	5350
						155A8	23	8740	9010	8330	7970	7600	6920	29	12930	11780
600/65R34	W18L	602	1648	739.7	4904	157D	2.4	4740	4890	4520	4330	4125	3750	3	7010	6390
	DW20A	23.7	64.9	29.1	193.1	160A8	35	10440	10770	9960	9540	9090	8260	44	15440	14070
						153D	2.4	4200	4330	4000	3830	3650	3320	3	6210	5660
						155A8	23	9250	9540	8810	8440	8040	7310	44	13680	12470
540/65R38	W16L	540	1667	770	4926	153D	1.6	4200	4120	3830	3720	3650	3320	2	6210	5660
	W18L	21.3	65.6	30.3	193.9	155A8	23	9250	9070	8440	8190	8040	7310	29	13680	12470
						159D	2.4	5030	5180	4790	4590	4375	3980	3	7440	6780
						162A8	35	11080	11410	10550	10110	9640	8770	44	16390	14930
600/65R38	W16L	594	1748	796	5198	157D	1.6	4740	4890	4520	4330	4125	3750	2	7010	6390
	W18L	23.4	68.8	31.3	204.6	160A8	23	10440	10770	9960	9540	9090	8260	29	15440	14070
	DW20A					163D	2.4	5610	5780	5340	5120	4875	4440	3	8290	7560
	DW18L					166A8	35	12360	12730	11760	11280	10740	9780	44	18260	16650
650/65R38	DW20B	658	1825	826	5505	Special	2.5	6100	6280	5800	5570	5300	4820	3.1	9010	8220
	DW18L	25.9	71.9	32.5	216.7	166D	36	13440	13830	12780	12270	11670	10620	45	19850	18110
						169A8										
						171D	3.6	7070	7290	6730	6460	6150	5600	4.5	10460	9530
710/70R38	DW23A	728	1950	874.1	5924	174A8	52	15570	16060	14820	14230	13550	12330	65	23040	20990
		28.7	76.8	34.4	233.2	166D	1.6	6100	5990	5570	5410	5300	4820	2	9010	8220
						168A8	23	13440	13190	12270	11920	11670	10620	29	19850	18110
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530
650/65R42	DW20B	657	1945	882.5	5760	174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990
	W18	25.9	76.6	34.7	226.8	158D	1.6	4890	5040	4650	4460	4250	3870	2	7230	6590
						160A8	23	10780	11110	10250	9830	9370	8530	29	15940	14530
						170D	3.2	6900	7110	6570	6300	6000	5460	4	10200	9300
710/70R42 Steel Belted	DW23B	740	2055	936	6102	173A8	46	15200	15660	14470	13880	13220	12030	58	22490	20500
		29.1	80.9	36.9	240.2	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
						Special	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320
					177D											
					180A8	46	18500	19050	17620	16890	16080	14630	58	27330	24930	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	Not high and sustained torque; Road transport															
				Static						Field operation									
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	High Tor 10 6				
420/65R24	W13	418	1156	580	3415	126A8	1.6	3910	2550	1890	1820	1700	1700	2380	2040	1820			
							2.3	8620	5620	4170	4010	3750	3750	5250	4500	4010			

# AGRI-STAR 370 R-1W



Agri-star 370 is a wide base radial tire developed for modern and high power tractors on heavy duty field and hauling applications. The tire provides high load carrying capacity (about 10% more) at the same inflation pressure compared with the standard section size tire.

Special R1-W traction tread pattern, radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizing soil compaction and increases flotation abilities. Strong nylon carcass, rigid belts and endurance tread rubber compound provides long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	Not high and sustained torque; Road transport															
				Static						Field operation									
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	High Tor 10 6				
200/70R16	W6	197	686	315	2069	94A8	2.4	1540	1010	740	720	670	670	940	800	720			
							35	3390	2220	1630	1590	1480	1480	2070	1760	1590			
240/70R16	W8	245	740	337	2196	104A8	2.4	2070	1350	1000	960	900	820	1260	1080	960			
							35	4560	2970	2200	2110	1980	1810	2780	2380	2110			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
		mm in	mm in	mm in	mm in	Not high and sustained torque; Road transport						Low Torque		High Tor		
						Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6		
260/65R16	W9	258	741	342	2217	106A8	2.4	2190	1430	1050	1020	950	860	1330	1140	1020
	W8	10.2	29.2	13.5	87.3	103 B	35	4820	3150	2310	2250	2090	1890	2930	2510	2250
260/70R16	W9	258	780	351	2299	109A8	2.4	2370	1550	1140	1100	1030	940	1440	1240	1100
	W8	10.2	30.7	13.8	90.5	106 B	35	5220	3410	2510	2420	2270	2070	3170	2730	2420
280/65R16	W9	278	780	362	2343	110A8	2.4	2440	1590	1180	1130	1060	960	1480	1270	1130
	W8	10.9	30.7	14.3	92.2	107 B	35	5370	3500	2600	2490	2330	2110	3260	2800	2490
280/70R16	W9	278	804	368	2392	112A8	2.4	2580	1680	1240	1200	1120	1020	1570	1340	1200
	W8	10.9	31.7	14.5	94.2	109 B	35	5680	3700	2730	2640	2470	2250	3460	2950	2640
320/65R16	W10	325	835	375	2456	107A8	1.6	2240	1460	1080	1040	975	975	1370	1170	1040
	W9	12.8	32.9	14.8	96.7	107B	23	4930	3220	2380	2290	2150	2150	3020	2580	2290
	W11															
280/70R18	W9	278	860	390	2544	114A8	2.4	2710	1770	1310	1260	1180	1070	1650	1420	1260
	W8	10.9	33.9	15.4	100.2	111B	35	5970	3900	2890	2780	2600	2360	3630	3130	2780
	W10															
340/65R18	W11	343	899	445	2655	113A8	1.6	2650	1730	1280	1230	1150	1060	1610	1380	1230
	W10	13.5	35.4	17.5	104.5	110B	23	5840	3810	2820	2710	2540	2340	3550	3040	2710
260/70R20	W9	258	878	402	2612	113A8	2.4	2650	1730	1280	1230	1150	1050	1610	1380	1230
	W8	10.2	34.6	15.8	102.8	110B	35	5840	3810	2820	2710	2530	2310	3550	3040	2710
280/70R20	W10	278	912	415	2706	116A8	2.4	2880	1880	1390	1340	1250	1140	1750	1500	1340
	W9	10.9	35.9	16.3	106.5	113B	35	6340	4140	3060	2950	2750	2510	3850	3300	2950
300/70R20	W9	293	956	435	2833	110A8	1.6	2440	1590	1180	1130	1060	960	1480	1270	1130
	W10	11.5	37.6	17.1	111.5	107B	23	5370	3500	2600	2490	2330	2110	3260	2800	2490
						120A8	2.4	3220	2100	1550	1500	1400	1270	1960	1680	1500
						117B	35	7090	4630	3410	3300	3080	2800	4320	3700	3300
320/70R20	W10					113A8	1.6	2650	1730	1280	1230	1150	1050	1610	1380	1230
	W9	325	986	445	2908	110B	23	5840	3810	2820	2710	2530	2310	3550	3040	2710
	W11	12.8	38.8	17.5	114.5	123A8	2.4	3570	2330	1720	1660	1550	1410	2170	1860	1660
						120B	35	7860	5130	3790	3660	3410	3110	4780	4100	3660
340/65R20	W11	345	955	431	2820	114A8	1.6	2710	1770	1310	1260	1180	1070	1650	1420	1260
	W10	13.6	37.6	17	111	111B	23	5970	3900	2890	2780	2600	2360	3630	3130	2780
	W12					124A8	2.4	3680	2400	1780	1710	1600	1460	2240	1920	1710
						121B	35	8110	5290	3920	3770	3520	3220	4930	4230	3770
360/70R20	W11	360	1042	468	3066	129A8	2.4	4260	2780	2050	1980	1850	1850	2590	2220	1980
	W10	14.2	41	18.4	120.7	129B	35	9380	6120	4520	4360	4080	4080	5700	4890	4360
380/70R20	W12	380	1082	484	3176	122A8	1.6	3450	2250	1670	1610	1500	1500	2100	1800	1610
	W11	15	42.6	19.1	125	122B	23	7600	4960	3680	3550	3300	3300	4630	3960	3550
320/70R24	W10	319	1098	500	3259	116A8	1.6	2880	1880	1390	1340	1250	1140	1750	1500	1340
	W9	12.6	43.2	19.7	128.3	113 B	23	6340	4140	3060	2950	2750	2510	3850	3300	2950
360/70R24	W11	360	1152	522	3407	122A8	1.6	3450	2250	1670	1610	1500	1370	2100	1800	1610
	W10	14.2	45.4	20.6	134.1	119 B	23	7600	4960	3680	3550	3300	3020	4630	3960	3550
380/70R24	W12	380	1182	534	3489	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770
	W11	15	46.5	21	137.4	122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900
	W13															
420/70R24	W13	418	1238	553	3631	130A8	1.6	4370	2850	2110	2030	1900	1730	2660	2280	2030
	W12	16.5	48.7	21.8	143	127 B	23	9630	6280	4650	4470	4190	3810	5860	5020	4470
480/70R24	W15L	479	1322	590	3873	138A8	1.6	5430	3540	2620	2530	2360	2150	3300	2830	2530
	W14L	18.9	52	23.2	152.5	135 B	23	11960	7800	5770	5570	5200	4740	7270	6230	5570
	W16L															
620/70R26	DW20B	625	1500	660	4388	153A8	1.6	8400	5480	4050	3910	3650	3650	5110	4380	3910
	W18L	24.6	59.1	26	172.8	153B	23	18500	12070	8920	8610	8040	8040	11260	9650	8610
19.5LR28	W15L	479	1423	569	3887	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680
	W14L	18.9	56	22.4	153	137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900
360/70R28	W11	357	1255	573	3740	125A8	1.6	3800	2480	1830	1770	1650	1500	2310	1980	1770
	W10	14.1	49.4	22.6	147.3	122 B	23	8370	5460	4030	3900	3630	3300	5090	4360	3900
380/70R28	W12	380	1283	584	3808	127A8	1.6	4030	2630	1940	1870	1750	1590	2450	2100	1870
	W11	15	50.5	23	149.9	124 B	23	8880	5790	4270	4120	3850	3500	5400	4630	4120
420/70R28	W13	418	1339	607	3961	133A8	1.6	4740	3090	2290	2200	2060	1870	2880	2470	2200
	W12	16.5	52.7	23.9	155.9	130 B	23	10440	6810	5040	4850	4540	4120	6340	5440	4850
480/70R28	W15L	479	1423	640	4313	140A8	1.6	5750	3750	2780	2680	2500	2280	3500	3000	2680
	W14L	18.9	56	25.2	169.8	137 B	23	12670	8260	6120	5900	5510	5020	7710	6610	5900
	W16L															
600/70R28	W18L	592	1562	709	4671	161A8	2.8	10640	6940	5130	4950	4625	4250	6480	5550	4950
	DW20B	23.3	61.5	27.9	183.9	158B	41	23440	15290	11300	10900	10190	9360	14270	12220	10900
19.5LR30	W15L	479	1474	666	4351	141A8	1.6	5920	3860	2860	2760	2575	2340	3610	3090	2760
	W14L	18.9	58	26.2	171.3	138 B	23	13040	8500	6300	6080	5670	5150	7950	6810	6080
	W16L															
480/70R30	W15L	479	1474	674	4491	141A8	1.6	5920	3860	2860	2760	2575	2340	3610	3090	2760
	W14L	18.9	58	26.5	176.8	138 B	23	13040	8500	6300	6080	5670	5150	7950	6810	6080
	W16L															
600/70R30	DW20B	627	1594	708	4785	152A8	1.6	8170	5330	3940	3800	3550	3550	4970	4260	3800
	DW18L	24.7	62.8	27.9	188.4	152 B	23	18000	11740	8680	8370	7820	7820	10950	9380	8370

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)						Field operation					
		mm in	mm in	mm in	mm in	mm in	mm in	Symbol	Bar psi	Not high and sustained torque; Road transport						Low Torque			High Tor
										Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
480/70R34	W15L	479 18.9	1576 62	729 28.7	4689 184.6	143A8	1.6	6270	4090	3020	2920	2725	2480	3820	3270	2920			
						140 B	23	13810	9010	6650	6430	6000	5460	8410	7200	6430			
						146A8	2.1	6900	4500	3330	3000	3000	2730	4200	3600	3210			
						146 B	30	15200	9910	7330	6610	6610	6010	9250	7930	7070			
						155A8	2.6	8910	5810	4300	4150	3870	3530	5430	4650	4150			
						152 B	38	19630	12800	9470	9140	8540	7780	11960	10240	9140			
520/70R34	W16L W18L W18L	516 20.3	1632 64.3	739 29.1	4826 190	148A8	1.6	7250	4730	3500	3370	3150	2870	4410	3780	3370			
						145 B	23	15970	10420	7710	7420	6940	6320	9710	8330	7420			
						168A8	4.4	12880	8400	6220	5990	5600	5100	7840	6720	5990			
						165 B	64	28370	18500	13700	13190	12330	11230	17270	14800	13190			
480/70R38	W15L W14L W16L	479 18.9	1667 66	767 30.2	4991 196.5	145A8	1.6	6670	4350	3220	3100	2900	2640	4060	3480	3100			
						142 B	23	14690	9580	7090	6830	6390	5810	8940	7670	6830			
520/70R38	W16L W16A W18L	516 20.3	1733 68.2	790 31.1	5144 202.5	150A8	1.6	7710	5030	3720	3580	3350	3050	4690	4020	3580			
						147 B	23	16980	11080	8190	7890	7380	6720	10330	8850	7890			
580/70R38	W18A W18L DW18L	577 22.7	1817 71.5	816 32.1	5443 214.3	155A8	1.6	8910	5810	4300	4150	3875	3530	5430	4650	4150			
						152 B	23	19630	12800	9470	9140	8540	7780	11960	10240	9140			
						Reinforced rim 170A8 167 B	2.8	13800	9000	6660	6420	6000	5460	8400	7200	6420			
						Reinforced rim 180A8	4.6	18400	12000	8880	8560	8000	7280	11200	9600	8560			
						180A8	67	40530	26430	19560	18850	17620	16040	24670	21150	18850			
						166A8	1.6	12190	7950	5880	5670	5300	4820	7420	360	5670			
710/70R38 (Des.360)	DW23A	716 28.2	1948 76.7	877 34.5	5739 225.9	163B	23	26850	17510	12950	12490	11670	10620	16340	14010	12490			
						172A8	2.1	14490	9450	6990	6740	6300	5730	8820	7560	6740			
						169B	30	31920	20810	15400	14850	13880	12620	19430	16650	14850			
						178A8	2.8	17250	11250	8330	8030	7500	6830	10500	9000	8030			
800/70R38	DW25B DW23B DW27B	806 31.7	2082 82	929 36.6	6101 240.2	175B	41	38000	24780	18350	17690	16520	15040	23130	19820	17690			
						173A8	1.6	14950	9750	7220	6960	6500	6500	9100	7800	6960			
						173 B	23	32930	21480	15900	15330	14320	14320	20040	17180	15330			
580/70R42	W18L	601 23.7	1900 74.8	864 34	5632 221.7	158A8	1.6	9780	6380	4720	4550	4250	4250	5950	5100	4550			
						158 B	23	21540	14050	10400	10020	9360	9360	13110	11230	10020			
710/70R42 (Des.365)	DW23B	740 29.1	2055 80.9	936 36.9	6178 243.2	173A8	2.4	14950	9750	7220	6960	6500	6500	9100	7800	6960			
						173 B	35	32930	21480	15900	15330	14320	14320	20040	17180	15330			
						180A8	3.2	18400	12000	8880	8560	8000	8000	11200	9600	8560			
						180B	46	40530	26430	19560	18850	17620	17620	24670	21150	18850			

## 370 COMBINE HARVESTER

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index	Inflation Pressure	Recommended Load							
		SW	OD					Speed				Free rolling			
		mm	mm	mm	mm	PR	bar	Cyclic*	Drive wheel			Free rolling			
								10	10	25	30	10	25	30	40
mm	mm	mm	mm	Symbols		kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
600/70R28	W18L, DW20B	592	1562	709	4671 183.9	173A8	2.8	10920	6480	5500	5180	9100	7740	7280	6500
						161A8	41	24070	14290	12130	11420	20060	17060	16050	14330

## 370 HIGH SPEED RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)						Field operation						
		mm in	mm in	mm in	mm in	mm in	mm in	Symbol	bar psi	1) Not high and sustained torque; 2) Road transport										
										Field	Non cyclic operation					Cyclic operation				
											25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9		
19.5LR28 (480/70R28)	W15L W14L W16L	479 18.9	1423 56	640 25.2	4190 164.9	149D	2.8	3740	3850	3560	3410	3250	2960	3.5	5530	5040				
						146 E	41	8240	8480	7840	7510	7160	6520	51	12180	11100				
						147D	2.4	3540	3640	3370	3230	3075	2800	3	5230	4770				
19.5LR30 (480/70R30)	W15L W14L W16L	479 18.9	1474 58	674 26.5	4491 176.8	144E	35	7800	8020	7420	7110	6770	6170	44	11520	10510				
						152D	3.2	4080	4210	3890	3730	3550	3230	4	6040	5500				
						149E	46	8990	9270	8570	8220	7820	7110	58	13300	12110				
						157D	4	4740	4890	4520	4330	4125	3750	5	7010	6390				
						154E	58	10440	10770	9960	9540	9090	8260	73	15440	14070				

# FarmPRO RADIAL 70 R-1W



The Alliance FarmPRO '70 Series Radial is a highly versatile range that represents the family of modern agricultural radial tires. The multi angle lug design with steep angles at the center enables smooth ride, along with self clearing characteristic. In addition, the shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall which enhances the tire's visual appeal.

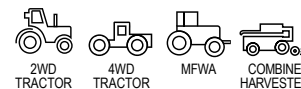


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in					40 25	50 30	70 44
280/70R20	W10	278	912	415	2706	116A8	2.4	1250	1250	-
	W9	10.9	35.9	16.3	106.5	116B	35	2750	2750	-
300/70R20	W9	293	956	435	2833	120A8	2.4	1400	1400	-
	W10	11.5	37.6	17.1	111.5	120B	35	3080	3080	-
320/70R20	W10	325	986	445	2908	123A8	2.4	1550	1550	-
	W9	12.8	38.8	17.5	114.5	123B	35	3410	3410	-
	W11									-
320/70R24	W10	319	1094	499	3227	116A8	1.6	1250	1250	-
		12.6	43.1	19.6	127	116B	23	2750	2750	-
360/70R24	W11	357	1148	522	3387	122A8	1.6	1500	1500	-
	W10	14.1	45.2	20.6	133.3	122B	23	3300	3300	-
	W12									-
380/70R24	W12	380	1190	538	3511	125A8	1.6	1650	1650	-
		15	46.9	21.2	138.2	125B	23	3635	3635	-
420/70R24	W13	418	1248	561	3643	130A8	1.6	1900	1900	-
	W12	16.5	49.1	22.1	143.4	130B	23	4190	4190	-
	W14L									-
480/70R24	W15L	479	1316	588	3859	138A8	1.6	2360	2360	-
		18.9	51.8	23.1	151.9	138B	23	5200	5200	-
320/70R28	W10	319	1192	547	3516	119A8	1.6	1360	1360	-
		12.6	46.9	21.5	138.4	119B	23	3000	3000	-
360/70R28	W11	357	1240	572	3658	125A8	1.6	1650	1650	-
		14.1	48.8	22.5	144	125B	23	3630	3630	-
380/70R28	W12	380	1293	589	3776	127A8	1.6	1750	1750	-
		15	50.9	23.2	148.7	127B	23	3850	3850	-
		418	1349	611	3947	133A8	1.6	2060	2060	-
420/70R28	W13	418	1349	611	3947	133B	23	4540	4540	-
		16.5	53.1	24.1	155.4					-
480/70R28	W15L	479	1415	640	4174	140A8	1.6	2500	2500	2900
		18.9	55.7	25.2	164.3	140B	23	5510	5510	6400
						145E	46	7600		
600/70R28	DW20	611	1551	696	4610	161A8	2.8	4625	4625	-
		24.1	61.1	27.4	181.4	161B	41	10190	10190	-
420/70R30	W13	418	1398	636	4115	134A8	1.6	2120	2120	-
	W12	16.5	55	25	162	134B	23	4675	4675	-
480/70R30	W15L	479	1478	668	4360	141A8	1.6	2575	2575	-
		18.9	58.2	26.3	171.7	141B	23	5670	5670	-
						150A8	2.8	3350	-	2800
						144E	41	7380	-	6170
						156A8	4	4000	4000	-
520/70R30	W16L	516	1536	691	4531	145A8	1.6	2900	2900	-
		20.3	60.5	27.2	178.4	145B	23	6395	6395	-
600/70R30	DW20BX30	611	1602	715	4680	152A8	1.6	3550	3550	-
		24.1	63.1	28.1	184.2	152B	24	7820	7820	-
480/70R34	W15L	479	1580	719	4661	143A8	1.6	2725	2725	-
		18.9	62.2	28.3	183.5	143B	23	6000	6000	-
480/70R34	DW15L	479	1580	725.5	4836	155A8	3.1	3875	3875	-
		18.9	62.2	28.6	190.4	155B	45	8540	8540	-
520/70R34	W16L	516	1640	743	4823	148A8	1.6	3150	3150	-
		20.3	64.6	29.3	189.9	148B	23	6940	6940	-
480/70R38	W15L	479	1681	770	4955	145A8	1.6	2900	2900	-
		18.9	66.2	30.3	195.1	145B	23	6390	6390	-
520/70R38	W16L	516	1755	797	5076	150A8	1.6	3350	3350	-
		20.3	69.1	31.4	199.8	150B	23	7380	7380	-
580/70R38	W18L	577	1835	828	5413	155A8	1.6	3875	3875	-
		22.7	72.2	32.6	213.1	155B	23	8540	8540	-
						180A8	5.4	8000	8000	-
					180B	78	17640	17640	-	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30	70 44
710/70R38	DW23B	716	1958	902	5645	172A8	2.4	6300	6300	-
		28.2	77.1	35.5	222.2	172B	35	13560	13560	-
						178A8	3.4	7500		
						178B	49	16535		
800/70R38*					173*		-----UNDER DEVELOPMENT-----			
710/70R42	DW23B	716	2061	938	6080	173A8	2.4	6500	6500	-
		28.2	81.1	36.9	239.4	173B	35	14330	14330	-

# AGRI-STAR 385 R-1W

Agri-star 385 Radial tire is a part of the '85 Series and represents our focus on developing tires that meet the demands of extensive developments in the tractor industry. The tread-pattern is designed with specific lug construction and strength required for modern high HP/ speed tractors. Special focus is given to the flexibility characteristics of the tire. The 385 promises a smooth and comfortable ride. Strong textile casing combined with high quality tread and sidewall rubber compounding ensures better tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		mm in	mm in	mm in	mm in	Symbol	Bar psi	Not high and sustained torque;						Field operation			
								Road transport						Low Torque			High Tor
						Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6		
11.2R20	W10	286	994	448	2930	**	1.6	2510	1640	1210	1170	1090	1000	-	1530	1310	1170
	W9	11.3	39.1	17.6	115.4	111A8 108B	23	5530	3610	2670	2580	2400	2200	-	3370	2890	2580
460/85R34	W16L	486	1653	749	4893	144A8	1.4	6440	4200	3110	3000	2800	2550	-	3920	3360	3000
	W15L	19.1	65.1	29.5	192.6	141B	20	14190	9250	6850	6610	6170	5620	-	8630	7400	6610
	W14L					157A8	2.8	9490	6190	4580	4410	4125	3750	-	5780	4950	4410
380/80R38	W12	385	1596	738	4781	142A8	2.4	6100	3980	3260	2840	2650	2650	-	3710	3180	2840
	W13	15.2	62.8	29.1	188.2	142B	35	13440	8770	7180	6260	5840	5840	-	8170	7000	6260
	W11																
480/80R46	DW16L	485	1948	900	5832	158A8	2.4	9780	6380	5230	4550	4250	4250	-	5950	5100	4550
	W16L	19.1	76.7	35.4	229.6	158B	35	21540	14050	11520	10020	9360	9360	-	13110	11230	10020
520/85R46 (Des.375)	DW16	530	2050	941	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550
	W15 DW18L	20.9	80.7	37	240.7	155 B	23	21540	14050	10400	10020	9360	8520	-	13110	11230	10020

## 385 HIGH SPEED RADIAL

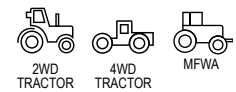
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		mm in	mm in	mm in	mm in	Symbol	Bar psi	Not high and sustained torque;						Field operation			
								Road transport						Low Torque			High Tor
						Static	10 6	25 16	30 19	40 25	50 31	65 40	10 6	20 12	10 6		
280/85R20	W10	286	994	448	2930	109D	1.6	2370	1550	1220	1180	1130	1080	1030	1580	1360	1210
	W9	11.3	39.1	17.6	115.4	112A8	23	5220	3410	2690	2600	2490	2380	2270	3480	3000	2670
320/85R20	W11	325	1044	465	3053	116D	1.6	2880	1880	1480	1440	1370	1310	1250	1920	1640	1470
	W10 W9	12.8	41.1	18.3	120.2	119A8	23	6340	4140	3260	3170	3020	2890	2750	4230	3610	3240
320/85R24	W11	325	1152	524.5	3418	119D	1.6	3130	2040	1610	1560	1490	1430	1360	2090	1790	1590
	W10 W9	12.8	45.4	20.6	134.6	122A8	23	6890	4490	3550	3440	3280	3150	3000	4600	3940	3500
340/85R24	W12	350	1185	538	3462	122D	1.6	3450	2250	1780	1730	1640	1580	1500	2300	1970	1750
	W11	13.8	46.7	21.2	136.3	125A8	23	7600	4960	3920	3810	3610	3480	3300	5070	4340	3850
380/85R24	W12	390	1256	567	4494	128D	1.6	4140	2700	2130	2070	1970	1890	1800	2760	2360	2110
	W13 W11	15.4	49.4	22.3	176.9	131A8	23	9120	5950	4690	4560	4340	4160	3960	6080	5200	4650
420/85R24	W12	440	1329	596	4082	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	17.3	52.3	23.5	160.7	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
380/85R28	W12	385	1352	617	4016	130D	1.6	4370	2850	2250	2190	2080	2000	1900	2910	2500	2230
	W13 W11	15.2	53.2	24.3	158.1	133A8	23	9630	6280	4960	4820	4580	4410	4190	6410	5510	4910
420/85R28	W15L	450	1435	649	4220	136D	1.6	5150	3360	2650	2580	2450	2350	2240	3430	2940	2620
	W14L W13	17.7	56.5	25.6	166.2	139A8	23	11340	7400	5840	5680	5400	5180	4930	7560	6480	5770



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque;							Field operation		
								Road transport							Low Torque		High Tor
mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
420/85R30	W15L	453	1475	669	4343	137D	1.6	5290	3450	2730	2650	2520	2420	2300	3530	3020	2700
	W14L W13	17.8	58.1	26.3	171	140A8	23	11650	7600	6010	5840	5550	5330	5070	7780	6650	5950
380/85R34	W12	390	1520	694	4516	134D	1.6	4880	3180	2510	2440	2320	2230	2120	3250	2780	2480
	W13 W11	15.4	59.8	27.3	177.8	137A8	23	10750	7000	5530	5370	5110	4910	4670	7160	6120	5460
420/85R34	W15L	450	1580	713	4696	139D	1.6	5590	3650	2880	2790	2660	2550	2430	3720	3190	2850
	142A8					23	12310	8040	6340	6150	5860	5620	5350	8190	7030	6280	
	144D					2.1	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280	
460/85R34	W16L	486	1653	749.5	4893	144D	1.6	6440	4200	3320	3220	3070	2940	2800	4300	3680	3280
	W15L W14L	19.1	65.1	29.5	192.6	147A8	23	14190	9250	7310	7090	6760	6480	6170	9470	8110	7220
420/85R38	W15L	446	1670	766	4990	141D	1.6	5920	3860	3050	2960	2820	2700	2575	3950	3380	3020
	W14L W13	17.6	65.7	30.2	196.5	144A8	23	13040	8500	6720	6520	6210	5950	5670	8700	7440	6650
460/85R38	W16L	490	1755	802	5191	146D	1.6	6900	4500	3560	3450	3290	3150	3000	4610	3950	3520
	W15L W14L	19.3	69.1	31.6	204.4	149A8	23	15200	9910	7840	7600	7250	6940	6610	10150	8700	7750
520/85R38	DW16L DW18L	522	1854	842	5596	152D	1.6	8170	5330	4210	4080	3890	3730	3550	5450	4670	4160
						155A8	23	18000	11740	9270	8990	8570	8220	7820	12000	10290	9160
						166D	3.2	12190	7950	6280	6100	5800	5570	5300	8120	6960	6210
650/85R38	DW23A DW21A DW20A	700	2052	934	6033	169A8	46	26850	17510	13830	13440	12780	12270	11670	17890	15330	13680
						170D	2.4	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
						173A8	35	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
520/85R42 (20.8R42)	DW18L	538	1956	885	5781	154D	1.6	8630	5630	4440	4310	4110	3940	3750	5750	4930	4400
						157A8	23	19010	12400	9780	9490	9050	8680	8260	12670	10860	9690
						165D	2.8	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
						168A8	41	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280
						170D	3.6	13800	9000	7110	6900	6570	6300	6000	9200	7880	7030
420/80R46	W13 W12 W14	420	1861	857.8	5611	173A8	52	30400	19820	15660	15200	14470	13880	13220	20260	17360	15480
						151D	2.4	7940	5180	4090	3970	3780	3620	3450	5290	4540	4040
						154A8	35	17490	11410	9010	8740	8330	7970	7600	11650	10000	8900
520/85R46 (Des.375)	DW16 W15 DW18L	530	2050	941.2	6114	159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	46	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
						169D	3.2	13340	8700	6870	6670	6440	6090	5800	9020	7730	6890
480/80R50 Steel Belted	W15L W14L	480	2060	958	6153	159D	2.4	10060	6560	5180	5030	4790	4590	4375	6710	5750	5130
						162A8	35	22160	14450	11410	11080	10550	10110	9640	14780	12670	11300
						165D	3.2	11850	7730	6100	5920	5640	5410	5150	7900	6770	6030
						168A8	46	26100	17030	13440	13040	12420	11920	11340	17400	14910	13280

# FarmPRO RADIAL and FarmPRO RADIAL II

**R-1W**



FarmPRO '85 Series of agricultural radial tires have multi angle lug design with steep angles at the center that enables smooth ride along with self cleaning characteristics. The shallow angle at shoulder provides superior traction. These tires are characterized by reinforced construction in the bead area and have enhanced bead to bead distance to facilitate perfect fit on the rim. The regular cavity in the tread design ensures a straighter sidewall.

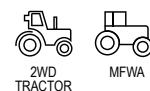


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
								Mixed application	
mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30		
280/85R20 (Des.842)	W10	288	984	447	2913	112A8	1.6	1120	1120
	W9	11.3	38.7	17.6	114.7	112B	23	2470	2470
320/85R20 (Des.842)	W11	319	1045	472	3093	119A8	1.6	1360	1360
	W9 W10	12.6	41.1	18.6	121.8	119B	23	2992	2992
250/85R24	W8	246	1036	476	3067	109A8	1.6	1030	1030
	W7 W9	9.7	40.8	18.7	120.7	109B	23	2270	2270
280/85R24	W10	270	1086	495	3215	115A8	1.6	1215	1215
	9	10.6	42.8	19.5	126.6	115B	23	2680	2680

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	40 25	50 30
320/85R24	W11 9,11	336	1148	515	3398	122A8	1.6	1500	1500
		13.2	45.2	20.3	133.8	122B	23	3305	3305
						142A8	4.7	2650	2650
						142B	67	5840	5840
340/85R24	W12 11	356	1181	530	3496	125A8	1.6	1650	1650
		14	46.5	20.9	137.6	125B	23	3640	3640
380/85R24	W12 11,13	386	1252	557	3603	131A8	1.6	1950	1950
		15.2	49.3	21.9	141.9	131B	23	4300	4300
420/85R24	W15L 13,14	418	1315	591	3879	137A8	1.6	2300	2300
		16.5	51.8	23.3	152.7	137B	23	5070	5070
14.9R26*						127A8 124B	-----UNDER DEVELOPMENT-----		
16.9R26*						135A8 132B	-----UNDER DEVELOPMENT-----		
18.4R26*						140A8 137B	-----UNDER DEVELOPMENT-----		
380/85R26 (14.9R26)	W12 W11	380	1290	594	3800	127A8	1.6	1750	1750
		15	50.8	23.4	149.6	127B	23	3860	3860
460/85R26 (18.4R26)	W15L W16L	465	1424	638	4224	140A8/140B	1.6	2500	2500
		18.3	56.06	25.1	166.2		23	5510	5510
250/85R28	W8	250	1137	526	3325	112A8	1.6	1120	1020
		9.8	44.8	20.7	130.9	112B	23	2470	2250
280/85R28	W9 W10	280	1187	539	3492	118A8	1.6	1320	1320
		11	46.7	21.2	137.5	118B	23	2910	2910
320/85R28	W11 9,10	325	1246	565	3610	124A8	1.6	1600	1600
		12.8	49.1	22.2	142.1	124B	23	3530	3530
340/85R28	W12 11	360	1295	580	3820	127A8	1.6	1750	1750
		14.2	51	22.8	150.4	127B	23	3860	3860
380/85R28	W12 11	380	1352	604	3945	133A8	1.6	2060	2060
		15	53.2	23.8	155.3	133B	23	4540	4540
420/85R28	W15L 13,14	418	1420	630	4189	139A8	1.6	2430	2430
		16.5	55.9	24.8	164.9	139B	23	5355	5355
380/85R30	W12	380	1402	630	4110	135A8	1.6	2180	2180
		15	55.2	24.8	161.8	135B	23	4800	4800
420/85R30	W15L 13,14	431	1468	658	4331	140A8	1.6	2500	2500
		17	57.8	25.9	170.5	140B	23	5510	5510
420/90R30	DW13	418	1518	684	4478	147A8	2.4	3075	3075
		16.5	59.8	26.9	176.3	147B	35	6770	6770
460/85R30	W16L 14,15	475	1530	684	4529	145A8	1.6	2900	2900
		18.7	60.2	26.9	178.3	145B	23	6395	6395
320/85R32	W11	325	1357	625	4010	126A8	1.6	1700	1700
		12.8	53.4	24.6	157.9	126B	23	3750	3750
						133A8*			
						133B			
680/85R32*					173	-----UNDER DEVELOPMENT-----			
320/85R34	W11	325	1407	650	4210	133A8/B	2.4	2060	2060
		12.8	55.4	25.6	165.7		35	4540	4540
380/85R34	W12	380	1510	680	4455	137A8	1.6	2300	2300
		15	59.4	26.8	175.4	137B	23	5070	5070
420/85R34	W15L 13,14	420	1575	715	4669	142A8	1.6	2650	2650
		16.5	62	28.1	183.8	142B	23	5840	5840
						147A8	1.6	3075	3075
460/85R34	W16L 14,15	479	1637	733	4838	147B	23	6780	6780
		18.9	64.4	28.9	190.5	157A8	3	4125	4125
						157B	44	9090	9090
						128A8	1.6	1800	1800
320/85R36	W11 W9 W10	325	1458	675	4369	128B	23	3970	3970
		12.8	57.4	26.6	172				
340/85R36	W12	345	1495	689	4507	132A8	1.6	2000	2000
		13.6	58.9	27.1	177.4	132B	23	4410	4410
320/85R38	W11 W9 W10 Alt.	325	1509	701	4532	143A8	3.6	2725	2725
		12.8	59.4	27.6	178.4	143B	52	6000	6000
340/85R38	W12					133A8	1.6	2060	2060
		345	1543	714	4551	133B	23	4540	4540
		13.6	60.7	28.1	179.2	151A8	4.5	3450	3450
						151B	64	7610	7610
380/80R38	W12	375	1578	728	4721	142A8	2.4	2650	2650
		14.8	62.1	28.7	185.9	142B	35	5840	5840
						152A8	4	3550	3550
						152B	58	7830	7830

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press.	Recommended Load	
		SW	OD					Speed	
		mm in	mm in					Mixed application	
						Speed Symbol	bar psi	40 25	50 30
400/75R38 (15.5R38)	W13 W14L	400 15.74	1570 61.81	731 28.77	4726 186.06	152 A8* (Des.846) 134A8 131B*	-----UNDER DEVELOPMENT-----		
						134A8	1.6	2120	2120
						134B	24	4670	4670
420/85R38	W15L 13,14	415 16.3	1680 66.1	769 30.3	5056 199.1	144A8 144B	1.6 23	2800 6170	2800 6170
						149A8	1.6	3250	3250
						149B	23	7165	7165
460/85R38	W16L 14, DW15L	455 17.9	1740 68.5	783 30.8	5118 201.5	153A8 153B	2.4 35	3650 8050	3650 8050
						167A8	4.5	5450	5450
						167B	64	12240	12240
520/85R38	DW16L DW18L	525 20.7	1850 72.8	830 32.7	5476 215.5	155A8 155B	1.6 23	3875 8545	3875 8545
320/80R42 (Des.842)	W10	319 12.6	1580 62.2	739 29.1	4676 184.1	141A8 141B	3.2 46	2575 5670	2575 5670
320/90R42 (Des.842)	W10	319 12.6	1643 64.7	764 30.1	4940 194.5	147A8 147B	3.6 52	3075 6770	3075 6770
						151A8	1.6	3450	3450
						151B	23	7600	7600
480/80R42	DW16L DD16L	479 18.9	1835 72.2	841 33.1	5413 213.1	169A8 169B	4.5 64	5800 12780	5800 12780
						157A8	1.6	4125	4125
520/85R42	DW16L DD18L	516 20.3	1951 76.8	888 35	5775.5 227.4	157B 169A8 169B	23 3.4 50	9090 5800 12785	9090 5800 12785
320/90R46 (Des.842)	W10	319 12.6	1744 68.7	815 32.1	5258 207	148A8 148B	3.6 52	3150 6940	3150 6940
380/90R46 (Des.842)	W12	380 15	1863 73.3	860 33.9	5495 216.3	165A8 165B	4.9 70	5150 11355	5150 11355
						158A8	2.4	4250	4250
480/80R46 (18.4R46)	DW16L	479 18.9	1936 76.2	910 35.8	5850 230.3	158B 176A8 176B	35 5.1 74	9350 7100 15650	9350 7100 15650
520/85R46	DW16L	516 20.3	2052 80.8	937 36.9	6053 238.3	158A8 158B	1.6 23	4250 9360	4250 9360

## 387 R-1



The Alliance 387 Farm Radial is a tire specially developed so as to not damage soil, grass and plants during operation. This Pattern is suitable for grassland and other sensitive terrain application on utility tractors and small implements used in golf courses, parks and vineyards. The higher void to rubber ratio provides larger effective footprint area and lower soil/grass compaction. The design has better lug continuity, which enables higher comfort on grass surfaces and transport applications. The good overlap of lugs at center increases the effective footprint area and thus decreases ground pressure.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl press Bar psi	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm	mm					Mixed application								
		in	in					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
14.9LR20 (375/75R20)	W13	378 14.9	1075 42.3	481 18.9	3156 124.3	119A8	1.6 23	3130 6890	2040 4490	1510 3330	1460 3220	1360 3000	1250 2750	-	-	-
16.9R30	W15	429 16.9	1475 58.1	667 26.3	4357 171.5	137A8	1.6 23	5290 11650	3450 7600	2550 5620	2460 5420	2300 5070	2110 4650	-	-	-

# 550 MULTIUSE

**R-4**

**SB**

**SC**

STEEL BELTED

SPECIAL COMPOUND



UTILITY TRACTOR



2WD TRACTOR



MFWD



4WD TRACTOR



SPRAYER



EXCAVATOR



BACKHOE

550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts provide the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)									Cyclic Applications	
		SW mm in	OD mm in					Speed, km/h (mph)									10 6	15 9
								Constant load										
250/80R16	W8	270	814	373	2470	123D	4.4	3910	2130	1850	1790	1700	1620	1550	2890	2640		
	W7	10.6	32	14.7	97.2	126A8	64	8610	4690	4070	3940	3740	3570	3410	6370	5810		
	W9																	
280/80R18IND (10.5R18IND)	W8, 9, W9, 10, W10	282	905	414	2695	132A8/132B	4	4600	2500	2180	2080	2000	2000	2000	3000	2680		
	11	11.1	35.6	16.3	106.1		58	10140	5510	4810	4590	4410	4410	4410	6610	5910		
340/80R18 (12.5/80R18)	W10	343	1002	450	2968	138D	4	6270	3410	2970	2870	2725	2600	2360	4630	4220		
	W11	13.5	39.4	17.7	116.9	143A8	58	13810	7510	6540	6320	6000	5730	5200	10200	9300		
	12																	
	W12																	
365/70R18	W11	355	969	439	2887	135B	3.75	5010	-	2354	2311	2245	2180	-	3050	2510		
	W12	14	38.1	17.3	113.7	142A2	54	11040	-	5190	5090	4940	4800	-	6720	5530		
	11SDC 12SDC																	
405/70R18	W13	404	1021	468	3059	141B	3.75	5920	-	2781	2730	2652	2575	-	3610	2960		
	W12	15.9	40.2	18.4	120.4	153A2	54	13040	-	6130	6010	5840	5670	-	7950	6520		
	12SDC 13SDC																	
	W14L																	
340/80R20	11	343	1052	477	3148	140D	4	6440	3500	3050	2950	2800	2670	2500	4760	4340		
	W10	13.5	41.4	18.8	123.9	144A8	58	14190	7710	6720	6500	6170	5880	5510	10480	9560		
	12																	
400/70R20IND	W12	404	1068	482	3197	149A8	4	7220	4510	3470	3410	3340	3280	3250	3250	3250		
	W12	15.9	42	19	125.9	149B	58	15920	9940	7650	7520	7360	7230	7170	7170	7170		
	12SDC 13SDC																	
	W14L																	
360/70R20	W11	355	1051	472.5	3121	124D	2.4	4260	2310	2020	1950	1850	1770	1600	3150	2870		
	W10 W12	14	41.4	18.6	122.9	129A8	35	9380	5090	4450	4300	4070	3900	3520	6940	6320		
360/80R20	DW11	358	1092	491	3265	143D	4	7070	3840	3350	3240	3075	2940	2725	5230	4770		
	DW12	14.1	43	19.3	128.5	147A8	58	15570	8460	7380	7140	6770	6480	6000	11520	10510		
	W11 W12																	
405/70R20 (16.0/70R20)	W13, W12, 12SDC, 13SDC, W14L	404	1076	486	3205	149A8	4	7220	4510	3410	3340	3250	3250	3250	3250	3250		
	15.9	42.4	19.1	126.2	149B	58	15920	9940	7520	7360	7170	7170	7170	7170	7170	7170		
300/80R24	DW10	295	1092	502	3262	128D	3.2	4740	2580	2250	2170	2060	1970	1800	3500	3190		
	W9 W11	11.6	43	19.8	128.4	133A8	46	10440	5680	4960	4780	4540	4340	3960	7710	7030		
	DW11																	
340/80R24 (12.5R24)	DW11	343	1154	528	3439	135D	3.2	5750	3130	2730	2640	2500	2390	2180	4250	3880		
	DW12	13.5	45.4	20.8	135.4	140A8	46	12670	6890	6010	5810	5510	5260	4800	9360	8550		
	W10 W11																	
	W12																	
360/80R24 (13.6R 24)	DW12	357	1184	537	3545	138D	3.2	6270	3410	2970	2870	2725	2600	2360	4630	4220		
	DW13	14.1	46.6	21.1	139.6	143A8	46	13810	7510	6540	6320	6000	5730	5200	10200	9300		
	W11 W12 W13																	
400/80R24 (14.9R 24)	DW13	404	1249	559	3706	144D	3.2	7480	4060	3540	3430	3250	3100	2800	5530	5040		
	DW12	15.9	49.2	22	145.8	149A8	46	16480	8940	7800	7560	7160	6830	6170	12180	11100		
	DW14L																	
420/65R24	W13	410	1157	526	3463	151A8	4	7940	4310	3760	3640	3450	3250	3000	5540	5020		
	W12 W11	16.1	45.6	20.7	136.3	146D	58	17490	9490	8280	8020	7600	7170	6610	12210	11070		
440/80R24 (16.9R24)	DW14L	441	1314	593	3904	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810		
	DW15L W15L	17.4	51.7	23.3	153.7	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800		
460/65R24	DW14L	454	1209	547	3597	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200		
	DW15L DW16L	17.9	47.6	21.5	141.6	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660		
	W15L W16L																	

Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	Load Index Speed Symbol	Infl. press. Bar psi	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)								Cyclic Applications 10 6    15 9	
								Constant load									
								Static	10 6	25 16	30 19	40 25	50 31	65 40			
460/70R24 (17.5LR24)	DW15L			568	3752	159A8	4	10060	5470	4860	4680	4375	4375	-	6560	5860	
	DW14L			568	3752	159A8	4	10060	5470	4860	4680	4375	4375	-	6560	5860	
	DW16L 14 16 TW14L	460 18.1	1250 49.2	22.4	147.7	159B	58	22180	12060	10710	10320	9650	9650	-	14460	12920	
480/65R24	DW15L			562	3726	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	DW14L			562	3726	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	DW16L	480 18.9	1240 48.8	22.1	146.7	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780	
540/65R24	DW15L			592	3953	154D	3.2	9780	5310	4630	4480	4250	4060	3750	7230	6590	
	DW16L			592	3953	154D	3.2	9780	5310	4630	4480	4250	4060	3750	7230	6590	
	DW18L	541 21.3	1312 51.7	23.3	155.6	158A8	46	21540	11700	10200	9870	9360	8940	8260	15930	14520	
400/80R28 (14.9R 28)	DW13L			613	4057	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	W12 W14L			613	4057	146D	3.2	7940	4310	3760	3640	3450	3290	3000	5870	5350	
	DW14L	404 15.9	1352 53.2	24.1	159.7	151A8	46	17490	9490	8280	8020	7600	7250	6610	12930	11780	
440/80R28 (16.9R 28)	DW14L			639	4240	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200	
	DW15L			639	4240	151D	3.2	9200	5000	4360	4220	4000	3820	3450	6800	6200	
	DW16L	440 17.3	1418 55.8	25.2	166.9	156A8	46	20260	11010	9600	9300	8810	8410	7600	14980	13660	
480/65R28	DW15L			607	4020	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810	
	DW14L			607	4020	149D	3.2	8630	4690	4090	3960	3750	3580	3250	6380	5810	
	DW16L	475 18.7	1339 52.7	23.9	158.3	154A8	46	19010	10330	9010	8720	8260	7890	7160	14050	12800	
540/65R28	DW18L			649	4266	155D	3.2	10350	5630	4910	4750	4500	4300	3875	7650	6980	
	DW16L			649	4266	155D	3.2	10350	5630	4910	4750	4500	4300	3875	7650	6980	
	DW14L	550 21.7	1412 55.6	25.6	168	160A8	46	22800	12400	10810	10460	9910	9470	8540	16850	15370	
440/80R30 (16.9R 30)	DW14L			666	4436	153D	3.2	9490	5160	4500	4350	4125	3940	3650	7010	6390	
	DW15L			666	4436	153D	3.2	9490	5160	4500	4350	4125	3940	3650	7010	6390	
	DW16L	434 17.1	1468 57.8	26.2	174.6	157A8	46	20900	11370	9910	9580	9090	8680	8040	15440	14070	
480/80R30 (18.4R 30)	DW15L			695	4615	157D	3.2	10930	5940	5180	5010	4750	4540	4125	8080	7360	
	DW16L			695	4615	157D	3.2	10930	5940	5180	5010	4750	4540	4125	8080	7360	
	DW18L	470 18.5	1531 60.3	27.4	181.7	162A8	46	24070	13080	11410	11040	10460	10000	9090	17800	16210	
540/65R30	DW18L			678	4481	156D	3.2	10640	5780	5040	4880	4625	4420	4000	7860	7170	
	DW16L			678	4481	156D	3.2	10640	5780	5040	4880	4625	4420	4000	7860	7170	
	DW14L	550 21.7	1464 57.6	26.7	176.4	161A8	46	23440	12730	11100	10750	10190	9740	8810	17310	15790	
600/70R30	DW20			727	4792	158D	2.4	10640	5780	5040	4880	4625	4420	4250	7860	7170	
	DW18L			727	4792	158D	2.4	10640	5780	5040	4880	4625	4420	4250	7860	7170	
	W18L	611 24.1	1602 63.1	28.6	188.7	161A8	35	23440	12730	11100	10750	10190	9740	9360	17310	15790	
440/80R34 (16.9R 34)	DW14L			718	4715	155D	3.2	10060	5470	4770	4620	4375	4180	3875	7440	6780	
	DW15L			718	4715	155D	3.2	10060	5470	4770	4620	4375	4180	3875	7440	6780	
	DW16L	441 17.4	1568 61.7	28.3	185.6	159A8	46	22160	12050	10510	10180	9640	9210	8540	16390	14930	
480/80R34 (18.4R 34)	DW15L			739	4891	159D	3.2	11500	6250	5450	5280	5000	4780	4375	8500	7750	
	DW13L			739	4891	159D	3.2	11500	6250	5450	5280	5000	4780	4375	8500	7750	
	DW14L DW16L	479 18.9	1629 64.1	29.1	192.6	164A8	46	25330	13770	12000	11630	11010	10530	9640	18720	17070	
480/80R38 (18.4R 38)	W15L			786	5250	161D	3.2	12190	6630	5780	5590	5300	5060	4625	9010	8220	
	DW16A			786	5250	161D	3.2	12190	6630	5780	5590	5300	5060	4625	9010	8220	
	DW14L	479 18.9	1728 68	30.9	206.7	166A8	46	26850	14600	12730	12310	11670	11150	10190	19850	18110	
540/80R38 (20.8R 38)	DW18L			832	5536	167D	3.2	14490	7880	6870	6650	6300	6020	5450	10710	9770	
	DW16L			832	5536	167D	3.2	14490	7880	6870	6650	6300	6020	5450	10710	9770	
	DW14L	546 21.5	1824 71.8	32.8	217.9	172A8	46	31920	17360	15130	14650	13880	13260	12000	23590	21520	
600/65R38	DW18L			932	6040	166D	3.2	13800	7500	6540	6330	6000	5730	5300	10200	9300	
	DW20B			932	6040	166D	3.2	13800	7500	6540	6330	6000	5730	5300	10200	9300	
	DW20B	593 23.3	1749 68.9	31.2	207.5	170A8	46	30400	16520	14410	13940	13220	12620	11670	22470	20480	
650/65R38	DW20B			945	6144	170D	3.2	15870	8630	7520	7280	6900	6590	6000	11730	10700	
	DW18L			945	6144	170D	3.2	15870	8630	7520	7280	6900	6590	6000	11730	10700	
	DW23B	645 25.4	1814 71.4	32.2	214.4	175A8	46	34960	19010	16560	16040	15200	14520	13220	25840	23570	
650/85R38	DW23B			913	6230	177D	2.4	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW21B			913	6230	177D	2.4	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20A	673 26.5	2067 81.4	35.9	245.3	181A8	35	41810	22710	19800	19160	18170	17360	16080	30900	28170	
620/80R42	DW20B			948	6201	177D	3.2	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20B			948	6201	177D	3.2	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20A	625 24.6	2055 80.9	37.3	244.1	181A8	46	41810	22710	19800	19160	18170	17360	16080	30900	28170	
650/65R42	DW20A			858	5784	171D	3.2	16330	8880	7740	7490	7100	6780	6150	12070	11010	
	DW18L			858	5784	171D	3.2	16330	8880	7740	7490	7100	6780	6150	12070	11010	
	DW14L	638 25.1	1915 75.4	33.8	227.7	176A8	46	35970	19560	17050	16500	15640	14930	13550	26590	24250	
710/70R42	DW23B			939	6187	177D	2.8	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW23B			939	6187	177D	2.8	18980	10310	8990	8700	8250	7880	7300	14030	12790	
	DW20A	716 28.2	2053 80.8	37	243.6	181A8	41	41810	22710	19800	19160	18170	17360	16080	30900	28170	



# 551 MULTIUSE PROFESSIONAL

R-3



Alliance 551 is designed for excellent performance on ice and snow. The special design of the block and sipes ensures that it works equally well on dry / hard surfaces also. The high roadability, handling and comfort properties contribute to lower noise level and provide better environment to the driver. Smooth and comfortable riding is provided by the well-proven construction and new upgraded compound.



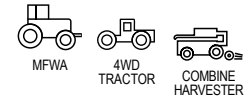
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Constant Load						
								mm in	mm in	mm in	mm in	mm in	mm in	mm in
360/80R24	DW11	357	1186	546	3564	138D	3.2	6270	3410	2890	2830	2725	2560	2360
	DW10 DW12	14.1	46.7	21.5	140.3	143A8	46	13820	7520	6370	6240	6010	5640	5200
400/80R24	DW13	404	1250	572	3710	144D	3.2	7480	4060	3450	3380	3250	3060	2800
	DW12 DW14L	15.9	49.2	22.5	146.1	149A8	46	16480	8940	7600	7440	7160	6740	6170
420/65R24	DW13	428	1156	525	3471	146D	4	7940	4310	3660	3590	3450	3240	3000
	DW14L DW12	16.9	45.5	20.7	136.7	151A8	58	17510	9500	8070	7920	7610	7140	6610
440/80R24	DW14L	441	1314	596	3942	149D	3.2	8630	4690	3980	3900	3750	3530	3250
	DW15L	17.4	51.7	23.5	155.2	154A8	46	19010	10330	8770	8590	8260	7780	7160
400/80R28	DW13	404	1355	620	4049	146D	3.2	7940	4310	3660	3590	3450	3240	3000
		15.9	53.3	24.4	159.4	151A8	46	17490	9490	8060	7910	7600	7140	6610
440/80R28	DW14L	440	1418	648	4240	151D	3.2	9200	5000	4240	4160	4000	3760	3450
	DW15L DW16L	17.3	55.8	25.5	166.9	156A8	46	20260	11010	9340	9160	8810	8280	7600
540/65R30	DW18L	545	1464	674	4413	156D	3.2	10640	5780	4900	4810	4625	4350	4000
	DW16L	21.5	57.6	26.5	173.7	161A8	46	23440	12730	10790	10590	10190	9580	8810
440/80R34	DW14L	440	1570	723	4746	155D	3.2	10060	5470	4640	4550	4375	4110	3875
	DW15L	17.3	61.8	28.5	186.9	159A8	46	22160	12050	10220	10020	9640	9050	8540
480/80R34	DW15L	468	1640	753	4955	159D	3.2	11500	6250	5300	5200	5000	4700	4375
		18.4	64.6	29.6	195.1	164A8	46	25330	13770	11670	11450	11010	10350	9640
480/80R38	W15L	479	1733	796	5262	161D	3.2	12190	6630	5620	5510	5300	4980	4625
	DW16L	18.9	68.2	31.3	207.2	166A8	46	26870	14620	12390	12150	11680	10980	10200
540/80R38	DW18L	550	1829	839	5543	167D	3.2	14490	7880	6680	6550	6300	5920	5450
	DW16L	21.7	72	33	218.2	172A8	46	31950	17370	14730	14440	13890	13050	12020
650/65R42	DW20B	635	1913	881	5779	171D	3.2	16330	8880	7530	7380	7100	6670	6150
	DW18L	25	75.3	34.7	227.5	176A8	46	35970	19560	16590	16260	15640	14690	13550

# AGRI-STAR 374

R-2

SG

STUBBLE GUARD



Agri-star 374 is a R-2 deep lug radial tire, designed to deliver very high traction in wet & moist conditions. The stepped lug design helps in increasing the grip and reducing tractor slip. Superior tread compound ensures resistance to cut growth.

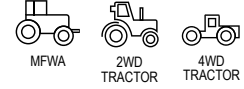


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Mixed application				
								mm in	mm in	mm in	mm in	mm in
420/90R30	W15L	429	1529	685.5	4275	142A8	1.6	7660	3550	2940	2840	2650
		16.9	60.2	27.0	168.3		23	16870	7820	6480	6260	5840
460/85R30 (18.4R30)	W16x30	466.0	1588.0	715.9	4569.0	145A8	1.6	8380	3890	3220	3100	2900
		18.3	62.5	28.2	179.9		23	18480	8580	7100	6830	6390
620/75R30 (23.1R30)	DW20Bx30	600.0	1740.0	768.3	4923.0	151A8	1.4	9970	4620	3830	3690	3450
		23.6	68.5	30.2	193.8		20	21980	10190	8440	8140	7610
480/70R34	W15	479	1606	740	4681	155A8	3.2	11200	5190	4300	4150	3875
		18.9	63.2	29.1	184.3		46	24670	11430	9470	9140	8540
340/85R38 (13.6R38)	W12x38	350.0	1580.0	735.0	4606.0	132A8	1.6	5780	2680	2220	2140	2000
		13.8	62.2	28.9	181.3		23	12740	5910	4890	4720	4410
520/85R42	W16L	516	1985	913.8	5800	165A8	2.8	14880	6900	5720	5510	5150
		20.3	78.1	35.9	228.3		41	32780	15200	12600	12140	11340
340/85R46 (13.6R46)	W13x46	350.0	1780.0	835.0	5238.0	140A8	2	7230	3350	2780	2680	2500
		13.8	70.1	32.9	206.2		29	15940	7390	6130	5910	5510
480/80R46	DW16L	479	1982	910	5761	158A8	2.4	12280	5700	4720	4550	4250
		18.9	78.0	35.8	226.8		35	27050	12560	10400	10020	9360

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm	mm					Mixed application				
		in	in					Static	10	25	30	40
520/85R46	W15	479	2050	946	5961	158A8	1.6	12280	5700	4720	4550	4250
		18.5	80.7	37.2	234.7		23	27050	12560	10400	10020	9360
480/80R50	DW15L	479	2064	961	6088	159A8	2.4	12640	5860	4860	4680	4375
	DW16L	18.9	81.3	37.8	239.7		35	27840	12910	10700	10310	9640

# AGRI STAR II - 70 SERIES

R-1/R-1W



The high speed 'D' rated AGRI STAR II comes with a Stratified Layer technology (SLT) - a unique combination of two layers: The top layer with a single angle profile and bottom layer with a multi-angle profile. After 40% wear of the tire, bottom layer of the lug comes in contact with the ground which leads to increased contact area at the central portion. This leads to better roadability and performance of the tire. The increased amount of rubber volume in AGRI STAR II enhances its stiffness that results in better wear resistance.



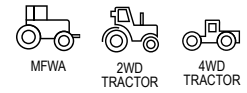
Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load						
		SW	OD					Speed						
		mm	mm					Static	10	25	30	40	50	65
		in	in					kmph	kmph	kmph	kmph	kmph	kmph	kmph
260/70R16	W8x16	262	776	358	2338	109D	2.4	2370	1550	1220	1180	1130	1080	1030
	W8L,W9	10.31	30.55	14.09	92.05		35	5220	3410	2690	2600	2490	2380	2270
280/70R16	W18Lx16	285	804	371	2399	112D	2.4	2580	1680	1330	1290	1230	1180	1120
	W8,W9,W10	11.22	31.65	14.61	94.45		35	5680	3700	2930	2840	2710	2600	2470
280/70R18	W9x18	285	855	393	2581	114D	2.4	2710	1770	1400	1360	1290	1240	1180
	W8,W10	11.22	33.66	15.47	101.61		35	5970	3900	3080	3000	2840	2730	2600
280/70R20	W9x20	285	906	421	2731	116D	2.4	2880	1880	1480	1440	1370	1310	1250
	W8,W10	11.22	35.67	16.57	107.52		35	6340	4140	3260	3170	3020	2890	2750
300/70R20	W9x20	300	956	438	2868	120D	2.4	3220	2100	1660	1610	1530	1470	1400
	W10	11.81	37.64	17.24	112.91		35	7090	4630	3660	3550	3370	3240	3080
320/70R20	W10x20	322	986	457	2943	123D	2.4	3570	2330	1840	1780	1700	1630	1550
	W9,W11	12.68	38.82	17.99	115.87		35	7860	5130	4050	3920	3740	3590	3410
360/70R20	W11x20	360	1046	473.5	3079	129D	2.4	4260	2780	2190	2130	2030	1940	1850
	W10,W12	14.17	41.18	18.64	121.22		35	9380	6120	4820	4690	4470	4270	4070
380/70R20	W12x20	382	1086	493	3252	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W11,W13	15.04	42.76	19.41	128.03		23	7600	4960	3920	3810	3610	3480	3300
320/70R24	W10x24	322	1098	508	3236	116D	1.6	2880	1880	1480	1440	1370	1310	1250
	W9,W11	12.68	43.23	20	127.4		23	6340	4140	3260	3170	3020	2890	2750
360/70R24	W11x24	360	1156	525	3400	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W10,W12	14.17	45.51	20.67	133.86		23	7600	4960	3920	3810	3610	3480	3300
380/70R24	W12x24	385	1194	548	3481	125D	1.6	3800	2480	1960	1900	1810	1730	1650
	W11,W13	15.16	47.01	21.57	137.05		23	8370	5460	4320	4190	3990	3810	3630
420/70R24	W13x24	425	1250	560	3690	130D	1.6	4370	2850	2250	2190	2080	2000	1900
	W12,W14L	16.73	49.21	22.05	145.28		23	9630	6280	4960	4820	4580	4410	4190
480/70R24	W15Lx24	482	1324	592	3889	138D	1.6	5430	3540	2800	2710	2580	2480	2360
	W14L,W16L	18.98	52.13	23.31	153.11		23	11960	7800	6170	5970	5680	5460	5200
380/70R28	W12x28	385	1295	595	3796	127D	1.6	4030	2630	2070	2010	1920	1840	1750
	W11,W13	15.16	50.98	23.43	149.45		23	8880	5790	4560	4430	4230	4050	3850
420/70R28	W13x28	425	1354	619	3974	133D	1.6	4740	3090	2440	2370	2260	2160	2060
	W12,W14L	16.73	53.31	24.37	156.5		23	10440	6810	5370	5220	4980	4760	4540
480/70R28	W15Lx28	482	1425	643	4211	140D	1.6	5750	3750	2960	2880	2740	2630	2500
		18.98	56.1	25.31	165.79		23	12670	8260	6520	6340	6040	5790	5510
		151D	3.2	7940	5180	4090	3970	3780	3620	3450				
		46	17510	11420	9020	8750	8330	7980	7610					
600/70R28	DW20Bx28	614	1555	708.6	4652	161D	2.8	10640	6940	5480	5320	5060	4860	4625
	DW18L,W18L	24.17	61.22	27.9	183.15		41	23440	15290	12070	11720	11150	10700	10190
420/70R30	W13x30	425	1402	638	4163	134D	1.6	4880	3180	2510	2440	2320	2230	2120
		16.73	55.2	25.12	163.9		23	10750	7000	5530	5370	5110	4910	4670
		141D	1.6	5920	3860	3050	2960	2820	2700	2575				
480/70R30	W15Lx30	482	1480	663	4412	150D	2.8	7710	5030	3970	3850	3670	3520	3350
		18.98	58.27	26.1	173.7		41	17000	11090	8750	8490	8090	7760	7390
		156D	3.8	9200	6000	4740	4600	4380	4200	4000				
		55	20280	13230	10450	10140	9660	9260	8820					
600/70R30	DW20Bx30	614	1605	706	4710	152D	1.6	8170	5330	4210	4080	3890	3730	3550
	DW18L,W18L	24.17	63.19	27.8	185.43		23	18000	11740	9270	8990	8570	8220	7820

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
480/70R34	W15Lx34 W14L,W16L	482	1580	700	4664	143D	1.6	6270	4090	3230	3130	2980	2860	2725
		18.98	62.2	27.56	183.62	155D	3.2	13810	9010	7110	6890	6560	6300	6000
							46	19640	12810	10120	9830	9350	8970	8540
520/70R34	W16x34 W15L,W18L	520	1640	745	4891	148D	1.6	7250	4730	3730	3620	3450	3310	3150
		20.47	64.57	29.33	192.6	168D	23	15970	10420	8220	7970	7600	7290	6940
							70	28400	18520	14640	14200	13510	12960	12350
480/70R38	W15Lx38 W14L,W16L	482	1681	777	4984	145D	1.6	6670	4350	3440	3340	3180	3050	2900
		18.98	66.18	30.59	196.22		23	14690	9580	7580	7360	7000	6720	6390
520/70R38	W16Lx38 W15L,W18L	520	1750	786	5175	150D	1.6	7710	5030	3970	3850	3670	3520	3350
		20.47	68.9	30.94	203.74		23	16980	11080	8740	8480	8080	7750	7380
580/70R38	W18Lx38 DW18L	580	1827	830	5435	155D	1.6	8910	5810	4590	4460	4240	4070	3875
		22.8	71.93	32.68	213.98		23	19630	12800	10110	9820	9340	8960	8540
						170D	4	13800	9000	7110	6900	6570	6300	6000
							58	30400	19820	15660	15200	14470	13880	13220
						180D	5.5	18400	12000	9480	9200	8760	8400	8000
							80	40570	26460	20900	20280	19310	18520	17640
710/70R38	DW23Bx38 DW25B	720	1959	839.5	5781	172D	2.4	14490	9450	7470	7250	6900	6620	6300
		28.35	77.13	33.05	227.6		35	31920	20810	16450	15970	15200	14580	13880
						178D	3.4	17250	11250	8890	8630	8210	7880	7500
							49	38030	24800	19600	19030	18100	17370	16540
710/70R42	DW23Bx42 DW25B	720	2061	952	6202	173D	2.4	14950	9750	7700	7480	7120	6830	6500
		28.35	81.14	37.48	244.17		35	32930	21480	16960	16480	15680	15040	14320

# AGRI STAR II 85 SERIES

R-1W

SG  
STUBBLE  
GUARD



The high speed 'D' rated AGRI STAR II comes with a Stratified Layer technology (SLT) - a unique combination of two layers: The top layer with a single angle profile and bottom layer with a multi-angle profile. After 40% wear of the tire, bottom layer of the lug comes in contact with the ground which leads to increased contact area at the central portion. This leads to better roadability and performance of the tire. The increased amount of rubber volume in AGRI STAR II enhances its stiffness that results in better wear resistance.



Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
320/85R20	W11x20	333	1055	480	3108	119D	1.6	3130	2040	1610	1560	1490	1430	1360
	W9 W10	13.1	41.5	18.9	122.4		23	6900	4500	3550	3440	3290	3150	3000
280/85R24	W10x24	302	1090	502	3252	115D	1.6	2790	1820	1440	1400	1330	1280	1215
	W9	11.89	42.91	19.76	128.03		23	6150	4010	3170	3080	2930	2820	2680
320/85R24	W11x24	333	1156	527	3462	122D	1.6	3450	2250	1780	1730	1640	1580	1500
	W9 W10 DW11	13.1	45.5	20.7	136.3		23	7610	4960	3920	3810	3620	3480	3310
								*142D Under Development						
340/85R24	W12x24	355	1192	550	3481	125D	1.6	3800	2480	1960	1900	1810	1730	1650
	W11	14	46.9	21.7	137		23	8380	5470	4320	4190	3990	3810	3640
380/85R24	W12x24	385	1260	576	3668	131D	1.6	4490	2930	2310	2240	2140	2050	1950
	W11,W13	15.16	49.61	22.68	144.41		23	9890	6450	5090	4930	4710	4520	4300
420/85R24	W15Lx24	443	1328	605	3889	137D	1.6	5290	3450	2730	2650	2520	2420	2300
	W14L,W13	17.44	52.28	23.82	153.11		23	11650	7600	6010	5840	5550	5330	5070
280/85R28	W10x28	302	1191	553	3581	118D	1.6	3040	1980	1560	1520	1450	1390	1320
	W9	11.89	46.89	21.77	140.98		23	6700	4360	3440	3350	3190	3060	2910
320/85R28	W11x28	333	1257	502	3737	124D	1.6	3680	2400	1900	1840	1750	1680	1600
	W9,W10	13.11	49.49	19.76	147.13		23	8110	5290	4190	4050	3850	3700	3520
340/85R28	W12x28	355	1293	594	3861	127D	1.6	4030	2630	2070	2010	1920	1840	1750
	W11	13.98	50.91	23.39	152.01		23	8880	5790	4560	4430	4230	4050	3850
380/85R28	W12x28	385	1360	622	4024	133D	1.6	4740	3090	2440	2370	2260	2160	2060
	W11,W13	15.16	53.54	24.49	158.43		23	10440	6810	5370	5220	4980	4760	4540
420/85R28	W15x28	443	1430	649	4230	139D	1.6	5590	3650	2880	2790	2660	2550	2430
	W13,W14L	17.44	56.3	25.55	166.54		23	12310	8040	6340	6150	5860	5620	5350
380/85R30	W12x30	385	1410	642	4208	135D	1.6	5010	3270	2580	2510	2390	2290	2180
	W11,W13	15.16	55.51	25.28	165.67		23	11040	7200	5680	5530	5260	5040	4800
420/85R30	W15Lx30	443	1476	675	4431	140D	1.6	5750	3750	2960	2880	2740	2630	2500
	W13 W14L	17.4	58.1	26.6	174.4		23	12680	8270	6530	6350	6040	5800	5510
460/85R30	W16Lx30	480	1544	697	4575	145D	1.6	6670	4350	3440	3340	3180	3050	2900
	W14L W15L	18.9	60.8	27.4	180.1		23	14710	9590	7580	7360	7010	6720	6390
320/85R32	W11x32	333	1359	629	4090	126D	1.6	3910	2550	2010	1960	1860	1790	1700
	W10 W9	13.1	53.5	24.8	161		23	8620	5620	4430	4320	4100	3950	3750
380/85R34	W12x34	385	1510	699	4513	137D	1.6	5290	3450	2730	2650	2520	2420	2300
	W11,W13	15.16	59.45	27.52	177.68		23	11650	7600	6010	5840	5550	5330	5070
420/85R34	W15Lx34	443	1578	730	4780	142D	1.6	6100	3980	3140	3050	2900	2780	2650
							23	13440	8770	6920	6720	6390	6120	5840
	W14L,W13	17.4	62.13	28.74	188.19	147D	2.4	7070	4610	3640	3540	3370	3230	3075
							35	15570	10150	8020	7800	7420	7110	6770
460/85R34	W16Lx34	480	1646	753	4909	147D	1.6	7070	4610	3640	3540	3370	3230	3075
							23	15570	10150	8020	7800	7420	7110	6770
								*157D Under Development						
320/85R36	W11x36	333	1460	680	4369	128D	1.6	4140	2700	2130	2070	1970	1890	1800
	W9 W10 DW11	13.1	57.5	26.8	172		23	9130	5950	4700	4560	4340	4170	3970
340/85R36	W12x36	355	1496	696	4462	132D	1.6	4600	3000	2370	2300	2190	2100	2000
	W11	14	58.9	27.4	175.7		23	10140	6610	5230	5070	4830	4630	4410
320/85R38	W11x38	333	1511	714	4581	143D	3.6	6270	4090	3230	3130	2980	2860	2725
	W9 W10 DW11	13.1	59.5	28.1	180.4		52	13820	9020	7120	6900	6570	6310	6010
340/85R38	W12x38	355	1546	727	4703	133D	1.6	4740	3090	2440	2370	2260	2160	2060
							23	10450	6810	5380	5230	4980	4760	4540
	W11	14	60.9	28.6	185.2	151D	4.4	7940	5180	4090	3970	3780	3620	3450
							64	17510	11420	9020	8750	8330	7980	7610

Size	Rim	Unloaded Dimension		Loaded Static radius mm in	Rolling Circumference mm	Load Index PR Symbols	Inflation Pressure bar psi	Recommended Load						
		SW	OD					Speed						
		mm in	mm in					Static kmph	10 kmph	25 kmph	30 kmph	40 kmph	50 kmph	65 kmph
380/80R38	W12x38 W11,W13	385	1575	738	4821	142D	2.4	6100	3980	3140	3050	2900	2780	2650
		15.16	62.01	29.06	189.8		35	13440	8770	6920	6720	6390	6120	5840
420/85R38	W15Lx38 W13,W14L	443	1679	773	49.84	144D	1.6	6440	4200	3320	3220	3070	2940	2800
		17.44	66.1	30.43	196.22		23	14190	9250	7310	7090	6760	6480	6170
460/85R38	W16Lx38 W14L,W15L	480	1747	802	5168	149D	1.6	7480	4880	3850	3740	3560	3410	3250
		18.9	68.78	31.57	203.46		23	16480	10750	8480	8240	7840	7510	7160
520/85R38	DW16Lx38 DW18L	520	1850	838	5537	167D	4.4	12540	8180	6460	6270	5970	5720	5450
		20.5	72.8	33	218		64	27650	18030	14240	13820	13160	12610	12020
650/85R38	DW23Bx38 DW21B DW20B	680	2072	954	6201	169D	3.6	13340	8700	6870	6670	6350	6090	5800
		26.8	81.6	37.6	244.1		52	29410	19180	15150	14710	14000	13430	12790
480/80R42	DW16Lx42 W16L,DD16L	494	1830	843	5429	155D	1.6	8910	5810	4590	4460	4240	4070	3875
		19.45	72.05	33.19	213.74		23	19640	12810	10120	9830	9350	8970	8540
520/85R42	DW16Lx42 DW18L	520	1952	894	5819	173D	2.4	14950	9750	7700	7480	7120	6830	6500
		20.5	76.9	35.2	229.1		35	32960	21500	16980	16490	15700	15060	14330
480/80R46	DW16Lx46 W15L,W16L, DW15L,DW14L	494	1960	909	5873	151D	1.6	7940	5180	4090	3970	3780	3620	3450
		19.45	77.17	35.79	231.22		23	17490	11410	9010	8740	8330	7970	7600
520/85R46	DW16Lx46 DW18L	520	2054	940	6137	*169D	Under Development							
		20.5	80.9	37	241.6		157D	1.6	9490	6190	4890	4740	4520	4330
480/80R50	DW16Lx50 DW15L W16L	464	2060	932	6146	157D	23	20920	13650	10780	10450	9970	9550	9090
		19.4	81.1	36.7	242		3.6	13340	8700	6870	6670	6350	6090	5800
480/80R46	DW16Lx46 W15L,W16L, DW15L,DW14L	494	1960	909	5873	158D	2.4	9780	6380	5040	4890	4650	4460	4250
		19.45	77.17	35.79	231.22		35	21540	14050	11100	10770	10240	9820	9360
520/85R46	DW16Lx46 DW18L	520	2054	940	6137	158D	1.6	9780	6380	5040	4890	4650	4460	4250
		20.5	80.9	37	241.6		23	21560	14070	11110	10780	10250	9830	9370
480/80R50	DW16Lx50 DW15L W16L	464	2060	932	6146	159D	2.4	10060	6560	5180	5030	4790	4590	4375
		19.4	81.1	36.7	242		35	22180	14460	11420	11090	10560	10120	9650



# BIAS TRACTOR

## TracPRO 348 R-1



TracPRO 348 has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Sizes	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	Mm In					Mixed application				
								Static	10 6	20 12	30 19	40 25
8-18	W7	206	840	398	2537	4	1.6	1180	770	700	515	410
		8.11	33.07	15.66	99.88	85A6	23	2600	1700	1540	1140	900
9.5-24	W8x24	242	1055	508	3201	12	4.2	3680	2400	2160	1600	1280
		9.5	41.5	20	126	124A6	61	8110	5290	4760	3530	2820
11.2-24	W10	284	1115	526	3412	8	2.4	2880	1880	1690	1250	1000
		11.2	43.89	20.7	134.3	116A6	35	6340	4140	3720	2750	2200
12.4-24	W11	315	1170	556	3599	12PR	3.6	4140	2520	2160	1800	1620
		12.4	46.06	21.88	141.69	128A6	52	9120	5550	4760	3960	3570
11.2-28	W10x28	288	1211	580	3706	8	2.4	3040	1980	1780	1320	1060
		11.3	47.7	22.8	145.9	118A6	35	6700	4370	3920	2910	2340
12.4-28	W11	315	1260	593	3776	12	2.5	3800	2310	1980	1650	1490
		12.4	49.6	23.3	148.6	125A6	36	8370	5090	4360	3630	3280
13.6-28	W12	347	1320	620	3885	12	2.3	4140	2520	2160	1800	1620
		13.7	52	24.4	152.9	128A6	33	9120	5550	4760	3960	3570
14.9-28	W13	395	1387	649	4147	12	2.3	4880	3180	2860	2120	1700
		15.7	54.6	25.6	163.3	134A6	33	10760	7010	6310	4670	3750
16.9-28	W15L	429	1435	645	4225	12	2.4	6270	3820	3270	2725	2450
		16.9	56.5	25.4	166.3	143A6	35	13810	8410	7200	6000	5400
16.9-30	W15L	429	1485	667	4370	12	2.4	6440	3920	3360	2800	2520
		16.9	58.5	26.3	172	144A6	35	14190	8630	7400	6170	5550
18.4-30	W16L	500	1600	745.7	4830	12	2.3	7480	4550	3900	3250	2930
		19.7	63	29.36	190.2	149A6	33	16480	10020	8590	7160	6450
						151A6	38	17490	11410	10260	7600	6080

## 324 R-1



Alliance 324 drive wheel is a heavy duty tractor tire for all types of heavy services. The 45 degree self-cleaning deep lugs are especially designed to provide high traction and long life under hard working conditions, including on-the-road service. A strong nylon carcass ensures full power transmission, as well as good resistance to mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
		mm in	mm in					Not high and sustained torque; Road transport						Low Torque	High Torque		
								Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6	
9.5-20	W8	241	940	442	2845	6PR	2.1	1900	1240	1010	880	825	750	1160	990	880	
		W7	9.5	37	17.4	112	101A8	30	4190	2730	2230	1940	1820	1650	2560	2180	1940
9.5-22	W8	241	996	468	3013	101A8	32	4560	2970	2440	2110	1980	1810	2780	2380	2110	
		W7	9.5	39.2	18.4	118.6	8	2.7	2190	1430	1170	1020	950	1330	1140	-	
		106A8	39	4820	3150	2580	2250	2090	-	2930	2510	-	-				
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960	1480	1270	1130	
		W10H	11.2	43.5	20.2	130.5	110A8	26	5370	3500	2860	2490	2330	2110	3260	2800	2490
		W9	116A8	35	6350	4150	3400	2950	2760	2510	3860	3310	2950	-	-	-	
		6	1.7	2790	1820	1490	1300	1215	1110	1700	1460	1300	-	-	-		
12.4-24	W11	315	1160	533	3461	115A8	25	6150	4010	3280	2860	2680	2440	3740	3220	2860	
		W10	12.4	45.7	21	136.3	8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550
		W10H	121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420	-	-	-	
		10	2.9	3820	2490	2040	1780	1660	1510	2320	1990	1780	-	-	-		
		125A8	42	8410	5480	4490	3920	3660	3330	5110	4380	3920	-	-	-		
13.6-24	W12	345	1210	549	3584	12	3.5	4255	2775	2275	1980	1850	1685	-	-	-	
		13.6	47.6	21.6	141.1	123A8	29	7830	5120	3770	3640	3410	3060	-	-	-	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	Not high and sustained torque; Road transport					Field operation						
						Static	10 6	20 12	30 19	40 25	50 31	Low Torque 10 6	20 12	High Torque 10 6			
14.9-24	W13	378	1265	574	3745	6	1.4	3570	2330	1910	1660	1550	1410	2170	1860	1660	
	W12					8	1.8	4140	2700	2210	1930	1800	1640	2520	2160	1930	
	W9					128A8	26	9130	5950	4870	4260	3970	3620	5560	4760	4260	
8.3-24	W7 W6	211	995	470	3020	6	2.4	1840	1200	980	860	800	730	1120	960	860	
						100A8	35	4050	2640	2160	1890	1760	1610	2470	2110	1890	
						8	3.1	2130	1390	1140	990	925	840	1295	1110	990	
						105A8	45	4700	3060	2510	2180	2040	1850	2860	2450	2180	
						10	3.8	2415	1575	1290	1125	1050	955	1470	1260	1120	
9.5-24	W8 W8H W7	241	1050	493	3175	6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
						106A8	30	4820	3150	2580	2250	2090	1890	2930	2510	2250	
						8	2.8	2580	1680	1380	1200	1120	1020	1570	1340	1200	
						112A8	41	5690	3700	3040	2650	2470	2250	3460	2950	2650	
						10	3.5	2960	1930	1580	1370	1285	1170	1800	1540	1370	
18.4-26	W16L DW16 W15L	467	1450	646	4244	6	1.1	4600	3000	2460	2140	2000	1820	2800	2400	2140	
						132A8	16	10130	6610	5420	4710	4410	4010	6170	5290	4710	
						12	2.3	6900	4500	3690	3210	3000	2730	4200	3600	3210	
						146A8	33	15200	9910	8130	7070	6610	6010	9250	7930	7070	
11.2-28	W10 W10H W9	284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200	1850	1580	1410	
						118A8	35	6700	4370	3570	3110	2910	2650	4080	3480	3110	
12.4-28	W11L W10H	315	1260	583	3776	8	2.3	3570	2330	1910	1660	1550	1410	2170	1860	1660	
						123A8	33	7870	5140	4210	3660	3420	3110	4780	4100	3660	
						12	2.5	3795	2475	2030	1765	1650	1500	-	-	-	
13.6-28	W12 W11	345	1310	596	3885	8	2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
						125A8	29	8380	5470	4480	3900	3640	3310	5090	4370	3900	
						12	3	4880	3180	2350	2270	2120	1910	2970	2540	2270	
14.9-28	W13 W10H	378	1365	618	4036	6	1.8	4370	2850	2340	2030	1900	1730	2660	2280	2030	
						125A8	26	9630	6280	5150	4470	4190	3810	5860	5020	4470	
						12	2.6	5430	3540	2620	2530	2360	2120	3300	2830	2530	
						138A8	38	11960	7800	5770	5570	5200	4670	7270	6230	5570	
16.9-28	W15L W14L	429	1435	645	4223	6	1.3	4260	2780	2280	1980	1850	1680	2590	2220	1980	
						129A8	19	9380	6120	5020	4360	4070	3700	5700	4890	4360	
						10	2	5590	3650	2990	2600	2430	2210	3400	2920	2600	
						139A8	29	12310	8040	6590	5730	5350	4870	7490	6430	5730	
						12	2.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
8.3-28	W7 W6	211	1095	521	3338	6	2.4	2010	1310	1080	940	875	800	1230	1050	940	
						103A8	35	4430	2890	2380	2070	1930	1760	2710	2310	2070	
						8	3.2	2380	1550	1270	1110	1035	940	1450	1240	1110	
						109A8	46	5240	3410	2800	2440	2280	2070	3190	2730	2440	
14.9-30	W13 W12	378	1415	660	4261	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820	
						126A8	20	8610	5620	4600	4010	3740	3410	5240	4490	4010	
						8	1.8	4600	3000	2460	2140	2000	1820	2800	2400	2140	
						132A8	26	10130	6610	5420	4710	4410	4010	6170	5290	4710	
16.9-30	W15L W14L DW14	429	1485	667	4369	12	2.5	6580	4290	3520	3060	2860	2600	4000	3430	3060	
						144A8	36	14490	9450	7750	6740	6300	5730	8810	7560	6740	
						14	2.9	7250	4730	3870	3370	3150	2870	4410	3780	3370	
						148A8	42	15970	10420	8520	7420	6940	6320	9710	8330	7420	
						12	2.3	7480	4880	4000	3480	3250	2960	4550	3900	3480	
18.4-30	W16L DW16 DW15L	467	1550	693	4546	6	1.4	3910	2550	2090	1820	1700	1550	2380	2040	1820	
						149A8	33	16480	10750	8810	7670	7160	6520	10020	8590	7670	
						14	2.7	8170	5330	4370	3800	3550	3230	4970	4260	3800	
						152A8	39	18000	11740	9630	8370	7820	7110	10950	9380	8370	
						16	3.1	8900	5810	4760	4140	3870	3520	5420	4640	4140	
12.4-32	W11L W10 W10H	315	1360	633	4090	6	1.6	3130	2040	1670	1460	1360	1240	1900	1630	1460	
						119A8	23	6890	4490	3680	3220	3000	2730	4190	3590	3220	
						8	2.2	3800	2480	2030	1770	1650	1500	2310	1980	1770	
						125A8	32	8370	5460	4470	3900	3630	3300	5090	4360	3900	
						6	2.1	2190	1430	1170	1020	950	860	1330	1140	1020	
16.9/14-34	W15 DW14	429	1585	725	4716	6	1.3	4740	3090	2530	2200	2060	1870	2880	2470	2200	
						133A8	19	10440	6810	5570	4850	4540	4120	6340	5440	4850	
						10	2	6100	3980	3260	2840	2650	2410	3710	3180	2840	
						142A8	29	13440	8770	7180	6260	5840	5310	8170	7000	6260	
						14	2.8	7480	4880	4000	3480	3250	2960	4550	3900	3480	
18.4-34	W16L DW16 W15L	467	1650	745	4882	10	1.8	6900	4500	3690	3210	3000	2730	4200	3600	3210	
						146A8	26	15200	9910	8130	7070	6610	6010	9250	7930	7070	
						14	2.5	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	36	18500	12070	9890	8610	8040	7310	11260	9650	8610	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		Speed, km/h (mph)						Field operation										
		Not high and sustained torque; Road transport										Low Torque		High Torque				
		Static	10 6					20 12	30 19	40 25	50 31	10 6	20 12	10 6	20 12	10 6		
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6			
9.5-36	W8	241	1353	590	3906	6	2.1	2370	1550	1270	1100	1030	940	1440	1240	1100		
	W7	9.5	53.3	23.2	153.8	109A8	30	5220	3410	2800	2420	2270	2070	3170	2730	2420		
						133A8	73	10440	6810	5570	4850	4540	4120	6340	5440	4850		
12.4-36	W11L	315	1465	682	4407	6	1.7	3340	2180	1780	1550	1450	1320	2030	1740	1550		
	W10	12.4	57.7	26.9	173.5	121A8	25	7360	4800	3920	3410	3190	2910	4470	3830	3410		
	W10H					10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090		
						131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600		
270/95-38 (Des.350) Irrigation	W10	292	1465	682	4407	4	1.2	2190	1430	1170	-	-	-	-	-	-		
	W9	11.5	57.7	26.9	173.5		17	4820	3150	2580	-	-	-	-	-	-		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)						Mixed Application							
								Static	10 6	20 12	30 19	40 25			
		mm in	mm in					mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19
6.5/80-12	5Jx12	163	587	269	1719	6	3.6	1040	630	540	450	410			
		6.4	23.1	10.6	67.7	80A6	52	2290	1390	1190	990	900			
						77A8									

## 324 HEAVY DUTY

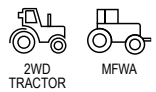
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																												
		Speed, km/h (mph)							Free rolling				Drive Wheel																								
										10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25																				
		mm in	mm in						mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25													
15.5/80-24	W12 W13 W14L	384	1262	566	3786	10	154A6	2.5	4840	4280	3750	3380	3420	3020	2650	2390																					
																	150A8	36	10660	9430	8250	7440	7530	6650	5840	5260											
																											12	157A6	3	5320	4700	4125	3710	3740	3310	2900	2610
16	163A6	4	6290	5560	4875	4390	4450	3930	3450	3110																											
											159A8	58	13850	12250	10740	9670	9800	8660	7600	6850																	
16.5/85-28	W13 W14L W15L	417	1423	626	4130	12	163A6	2.8	6290	5560											4875	4390	4450	3930	3450	3110											
											W14L	16.4	56	24.6	162.6	159A8	41	13850	12250	10740							9670	9800	8660	7600	6850						
																																W15L					

## 324 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																												
		Speed, km/h (mph)							Free rolling				Drive Wheel																								
										10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25																				
		mm in	mm in						mm in	mm in	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	10 6	20 12	30 19	40 25													
6.50/80-12	5.00F	163	558	270	1719	6	93A6	G→	3.6	840	740	650	590	580	510	450	410																				
																		89A8	C	52	1850	1630	1430	1300	1280	1120	990	900									
																													80A6	G→							
6.50/80-15	5.00F	163	663	295	1942	6	98A6	G→	3.6	970	860	750	680	680	600	530	480																				
																		94A8	C	52	2140	1890	1650	1500	1500	1320	1170	1060									
																													86A6								
																																					83A8
6.50-16	5.50F	189	754	347	2250	6	99A6	G→	2.7	1000	880	775	700	700	620	545	490																				
																		87A6	C	39	2200	1940	1710	1540	1540	1370	1200	1080									
																													83A8								
																																					105A6
7.50-16	5.50F 6.00F 6LB	214	803	370	2400	8	101A8	G→	3.8	1190	1050	925	830	840	740	650	590																				
																		93A6	C	55	2620	2310	2040	1830	1850	1630	1430	1300									
																													90A8								
																																					96A6
7.50-16	5.50F 6.00F 6LB	214	803	370	2400	8	93A8	G→	1.5	920	810	710	640	650	570	500	450																				
																		84A6	C	22	2030	1780	1560	1410	1430	1260	1100	990									
																													80A8								
																																					112A6
7.50-16	5.50F 6.00F 6LB	214	803	370	2400	8	108A8	G→	3.1	1440	1280	1120	1010	1000	880	775	700																				
																		99A6	C	45	3170	2820	2470	2220	2200	1940	1710	1540									
																													96A8								
																																					116A6
7.50-16	5.50F 6.00F 6LB	214	803	370	2400	10	112A8	G→	4	1610	1425	1250	1125	1130	995	875	785																				
																		103A6	C	58	3550	3140	2755	2480	2490	2195	1930	1730									
																													99A8								

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)															
		SW	OD						Speed, km/h (mph)				Drive Wheel											
		mm	mm	10	20		30	40	10	20	30	40												
		in	in	6	12		19	25	6	12	19	25												
8.25-16	6.00F 5.00F 5.50F	229	818	371	2450	6	109A6	2	1330	1170	1030	930	940	830	730	660								
							105A8										29	2930	2580	2270	2050	2070	1830	1610
		9	32.2	14.6	96.5	8	115A6	2.8	1570	1390	1215	1090	1100	970	850	770								
							111A8										41	3460	3060	2680	2400	2420	2140	1870
	7.00-18	5.00F 5.5	178	803	373	2413	4	114A6	1.3	1520	1350	1180	1060	1100	970	850	770							
								110A8										19	3350	2970	30	2330	2420	2140
			7	31.6	14.7	95	6	123A6	2	2000	1770	1550	1400	1440	1280	1120	1010							
								120A8										29	4410	3900	3410	3080	3170	2820
108 A8		112A6	99 A8	102A6	111A8	115A6	105A8	109A6	109A6	105A8	97 A6	94 A8	115A6	111A8	102A6	99 A8	114A6	110A8	102A6	99 A8	123A6	120A8	112A6	108 A8

# 347 R-1

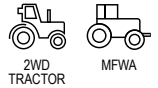


Alliance 347 is a drive wheel tractor tire with higher number of 23 degree lugs. It provides maximum traction on all types of soil and provides a smooth drive. A strong nylon carcass guards against mechanical failures and moisture deterioration. The tire is engineered with breakers for better protection against punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Not high and sustained torque; Road transport					Field operation				
		mm	mm	Static	10		20	30	40	50	Low Torque	High Tor					
		in	in	6	12		19	25	31	6	12	10					
23.1-26	DW20	587	1605	703	4648	12	1.7	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	25	18500	12070	9890	8610	8040	7310	11260	9650	8610	
						14	2	9200	6000	4920	4280	4000	3640	5600	4800	4280	
						156A8	29	20260	13220	10840	9430	8810	8020	12330	10570	9430	
						16	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680	
23.1-30	DW20A	587	1707	754	4969	159A8	33	22160	14450	11850	10310	9640	8770	13500	11560	10310	
						8	1.7	8910	5810	4770	4150	3875	3530	5430	4650	4150	
						147A8	25	19630	12800	10510	9140	8540	7780	11960	10240	9140	
						14	2	9780	6380	5230	4550	4250	3870	5950	5100	4550	
						158A8	29	21540	14050	11520	10020	9360	8520	13110	11230	10020	
24.5-32	DW21A DW20A	622	1805	805	5286	10	1.4	9200	6000	4920	4280	4000	3640	5600	4800	4280	
						156A8	20	20260	13220	10840	9430	8810	8020	12330	10570	9430	
						12	1.7	10350	6750	5540	4820	4500	4100	6300	5400	4820	
						160A8	25	22800	14870	12200	10620	9910	9030	13880	11890	10620	
						8	1.1	7480	4880	4000	3480	3250	2960	4550	3900	3480	
23.1-34	DW20A	587	1808	800	5269	149A8	16	16480	10750	8810	7670	7160	6520	10020	8590	7670	
						10	1.4	8400	5480	4490	3910	3650	3320	5110	4380	3910	
						153A8	20	18500	12070	9890	8610	8040	7310	11260	9650	8610	
						12	1.7	9490	6190	5070	4410	4125	3750	5780	4950	4410	
						157A8	25	20900	13630	11170	9710	9090	8260	12730	10900	9710	
13.6-36	W12	345	1514	691	4499	6	1.6	3800	2480	2030	1770	1650	1500	2310	1980	1770	
						125A8	23	8370	5460	4470	3900	3630	3300	5090	4360	3900	
16.9-38	W15L W15A W14L W14A	429	1689	767	5003	8	1.7	5920	3860	3170	2760	2575	2340	3610	3090	2760	
						141A8	25	13040	8500	6980	6080	5670	5150	7950	6810	6080	
						8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920	
						143A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430	
18.4-38	DW16 W16L W15L	467	1750	795	5185	10	1.8	7250	4730	3870	3370	3150	2870	4410	3780	3370	
						148A8	26	15970	10420	8520	7420	6940	6320	9710	8330	7420	
						14	2.5	8910	5810	4770	4150	3875	3530	5430	4650	4150	
						155A8	36	19640	12810	10520	9150	8540	7780	11970	10250	9150	
20.8-38	W18L	528	1840	826	5411	8	1.3	7250	4730	3870	3370	3150	2870	4410	3780	3370	
						148A8	19	15970	10420	8520	7420	6940	6320	9710	8330	7420	
						14	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680	
159A8	33	22160	14450	11850	10310	9640	8770	13500	11560	10310							

# FarmPRO TD23 R-1

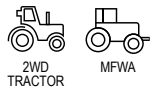


The 23 degree tread offers maximum traction while distinct terracing in the space between the lugs is designed to enhance self-cleaning and provide constant traction in soft soil and mud. The neutral casing mould design minimizes stresses from the under inflated to the inflated tire, resulting in enhanced long-term reliability.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity				
		SW	OD					Max Load Capacity - kgs / (lbs)				
		mm / in	mm / in					mm / in	15kmph	25kmph	30kmph	40kmph
23.1-30	DW20B	587	1707	766	5030	12	1.7	6900	4590	4210	3830	3450
		23.1	67.2	30.2	198	151A8	25	15210	10120	9280	8440	7610
24.5-32	DW21	622	1803	809	5468	12	1.7	8000	5320	4880	4440	4000
		24.5	71	31.9	215.3	156A8	25	17640	11730	10760	9790	8820
20.8-38	W15L	528	1834	824	5373	10	1.5	6300	4190	3840	3500	3150
						148A8	22	13890	9240	8470	7720	6950
						14	1.5	5600	3720	3420	3110	2800
16.9-38	W15L	429	1689	780	5008	155A8	22	12350	8200	7540	6860	6170
						12	2.27	4480	2980	2730	2490	2240
		16.9	66.5	30.7	197.2	142A8	33	9880	6570	6020	5490	4940

# 357 R-1



A tractor tire with extra strong lugs for heavy-duty services, that is engineered for high power transmission under the most tough working conditions. Double angle design enables efficient self-cleaning. A 45 degree lug angle around the centerline provides continuous rolling and lower rolling resistance on the roads, as well as lower side slippage during off-the-road and hillside operations. A strong nylon carcass guards against mechanical failures and moisture deterioration.

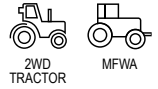


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Field operation		
		Not high and sustained torque; Road transport						Low Torque			High Torque					
		mm in	mm in					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	20 12	30 19
12.4-24	W11 W10 W10H	315	1160	533	3461	8	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550
						121A8	33	7360	4810	3920	3420	3200	2910	4480	3840	3420
						12	3.5	4260	2780	2280	1980	1850	1680	2590	2220	1980
13.6-28	W12	345	1310	596	3884	129A8	51	9380	6120	5020	4360	4070	3700	5700	4890	4360
						6	1.6	3340	2180	1780	1550	1450	1320	2030	1740	1550
12.4-36	W11 W10 W10H	315	1465	682	4407	121A8	23	7360	4800	3920	3410	3190	2910	4470	3830	3410
						10	2.8	4490	2930	2400	2090	1950	1770	2730	2340	2090
13.6-38	W11L W11	315	1465	682	4407	131A8	41	9890	6450	5290	4600	4300	3900	6010	5150	4600
						8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090
14.00-38	W12 W11	345	1565	729	4709	131A8	29	9890	6450	5290	4600	4300	3900	6010	5150	4600
						8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090
18.4-38	W16L	467	1750	795	5185	6	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
						139A8	20	13810	9010	7380	6430	6000	5460	8410	7200	6430
						8	1.4	6270	4090	3350	2920	2725	2480	3820	3270	2920
						143A8	20	13820	9020	7390	6440	6010	5470	8420	7210	6440
						12	2.1	8400	5480	4490	3910	3650	3320	5110	4380	3910
						153A8	30	18520	12080	9900	8620	8050	7320	11270	9660	8620



# 358

R-1



358 is a tractor drive wheel tire characterized by extra strong lugs for heavy-duty services on medium HP agriculture tractors and implements. Its tread pattern includes special reinforced durable lugs in the lug base area that prevents fatigue cracks. In addition, triple angled lugs enable smooth ride in fields and on road. A strong nylon diagonal carcass guards against mechanical failures and moisture deterioration.



## 358 HEAVY DUTY

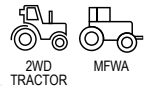
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		SW	OD						Speed, km/h (mph)											
		mm in	mm in						Free rolling		Drive Wheel									
16.5/85-24	W13 W14L W15	417 16.4	1344 52.9	584 23	3873 152.5	12	162A6	→												
							158A8	2.8	6130	5420	4750	4280	4320	3820	3350	3020				
							150A6	41	13500	11940	10460	9430	9520	8410	7380	6650				
							146A8													
							165A6	→												
							161A8	3.3	6640	5870	5150	4640	4710	4160	3650	3290				
							153A6	48	14630	12930	11340	10220	10370	9160	8040	7250				
							149A8													

## 358 DRIVE WHEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Drive Wheel				Free rolling				
		mm in	mm in					10	25	40	50	Static	10	25	40	50
16.9-24	W16L W14L DW14	429 16.9	1335 52.6	601 23.7	3933 154.8	8	1.7	1870	2880	2470	2200	4740	3090	2510	2200	2060
						133A8	25	4120	6350	5450	4850	10450	6810	5530	4850	4540
14.9-28	W13 W12	378 14.9	1365 53.7	618 24.3	4036 158.9	6	1.4	1500	2310	1980	1770	3800	2480	2030	1770	1650
						125A8	20	3310	5090	4370	3900	8380	5470	4480	3900	3640
						6	1.4	1590	2450	2100	1870	4030	2630	2150	1870	1750
15.5-38	W14L DW14	394 15.5	1570 61.8	724 28.5	4695 184.8	8	1.8	1870	2880	2470	2200	4740	3090	2530	2200	2060
						133A8	26	4120	6350	5450	4850	10450	6810	5580	4850	4540
						10	2.3	2150	3300	2830	2530	5430	3540	2900	2530	2360
						138A8	33	4740	7280	6240	5580	11970	7800	6390	5580	5200

# FarmPRO 324

R-1



FarmPRO 324 has a modern curved 45 degree design for both on and off road applications. It provides superior traction during field operations. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces. Complete R-1 range offering is available in the FarmPRO 324.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					Static	10	20	30	40	50
5-12	4JAx12	127 5	550 21.7	254 10	1609 63.3	4	2.3	520	340	300	260	224	180
						56A6	33	1150	750	660	570	490	400
5.00-12*						4		-----UNDER DEVELOPMENT-----					
						6	3.3	1150	750	680	500	400	
5.00-15	4.00E	140	655	303	1963	84A6	48	2540	1650	1500	1100	880	
						6	3.5	1290	840	760	560	450	-
6-12	5JAx12	155 6.1	600 23.6	281 11.1	1818 71.6	(88A6)	51	2840	1850	1670	1230	990	
						4	1.9	630	410	370	272	220	
6.00-12	4.00E	165	635	285	1867	63A6	28	1390	900	820	600	490	
						4		-----UNDER DEVELOPMENT-----					
6-14	5JAx14	155 6.1	650 25.59	306 12.04	1938 76.29	8	2.5	1040	680	610	450	360	-
						80A6	36	2290	1500	1340	990	790	
7-14	5JAx14	183 7.2	690 27.16	318.5 12.54	2037 80.19	4	1.65	820	530	480	355	280	
						72A6	24	1810	1170	1060	780	620	
5.00-15*						6		-----UNDER DEVELOPMENT-----					

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	10 6	20 12	30 19	40 25	50 31
6.00-16	4.5EX16	165	735	349	2172	8	4.5	1540	1010	900	670	540	-
		6.5	28.9	13.7	85.5	94A6	65	3400	2230	1980	1480	1190	-
6.50-16	4.5x16	175	760	354	2304	8	4.2	1730	1130	1010	750	600	-
		6.9	29.9	13.9	90.7	98A6	61	3810	2490	2230	1650	1320	-
7-16	6.00Fx16	183	742	344	2204	4	1.65	890	580	520	387	310	-
		7.2	29.2	13.54	86.77	75A6	24	1960	1280	1150	850	680	-
8-16	6LBx16	201	790	361	2350	6	1.9	1410	920	830	615	490	-
		7.91	31.1	14.21	92.51	91A6	28	3110	2030	1830	1350	1080	-
7.50-18	5.50F	205	860	400	2624	8	3.7	2190	1430	1280	950	760	-
		8.1	33.9	15.7	103.3	106A6	54	4830	3150	2820	2090	1680	-
8.00-18	5.5Fx18	211	841		2507	6	1.9	1540	1010	900	670	540	-
		8.3	33.11		98.7	94A6	28	3390	2220	1980	1480	1190	-
4.50-19	3.00D	120	736		2191	6	4.5	1120	730	660	487	390	-
		4.7	29	0	86.3	83A6	65	2470	1610	1460	1070	860	-
8.00-20	5.5F	220	965	438	2899	8	2.8	2510	1640	1470	1090	870	-
		8.7	38	17.2	114.1	111A6	41	5530	3620	3240	2400	1920	-
8.3-20	W7	211	893	423.6	2702	6	2.4	1630	1070	960	710	570	-
		8.3	35.2	16.7	106.4	96A6	35	3590	2360	2120	1570	1260	-
9.5-20	W8					6	2.1	1900	1240	1010	880	825	750
		241	940	442	2845	101A8	30	4190	2730	2220	1940	1820	1650
		9.5	37	17.4	112	8	2.8	2240	1460	1200	1040	975	890
						107A8	41	4930	3220	2640	2290	2150	1960
8.3-24	W7	211	995	470	3020	8	3.1	2130	1390	1140	990	925	840
		8.3	39.2	18.5	119	105A8	45	4700	3065	2515	2185	2040	1850
9.5-24	W8					6	2.1	2190	1330	1140	1020	950	860
		241	1050	493	3175	106A8	30	4820	2930	2510	2250	2090	1890
		9.5	41.3	19.4	125	8	2.8	2575	1680	1380	1200	1120	1020
						112A8	41	5675	3705	3040	2645	2470	2250
11.2-24	W10					8	2.4	2880	1880	1540	1340	1250	1140
		284	1105	512	3314	116A8	35	6340	4140	3390	2950	2750	2510
		11.2	43.5	20.2	130	12	3.6	3570	2330	1910	1660	1550	1410
						123A8	52	7870	5140	4210	3660	3420	3110
12.4-24	W11					6	1.7	2790	1700	1460	1300	1215	1090
		315	1160	533	3461	115A8	25	6150	3740	3220	2860	2680	2400
		12.4	45.7	21	136	8	2.3	3340	2180	1780	1550	1450	1320
						121A8	33	7360	4800	3920	3410	3190	2910
						12	3.5	4260	2780	2280	1980	1850	1680
						129A8	51	9380	6120	5030	4360	4070	3700
13.6-24	W12	345	1210	549	3584	8	2	3565	2325	1905	1700	1550	1410
		13.6	47.6	21.6	141	123A8	29	7860	5125	4200	3745	3415	3105
						12	3	4370	2850	2340	2030	1900	1710
14.9-24	W13	345	1210	562	3675	12	3	4370	2850	2340	2030	1900	1710
		13.6	47.6	22.1	144.7	130A8	44	9630	6280	5160	4480	4190	3770
						6	1.4	3570	2330		1660	1550	
16.9-24	W15L					123A8	20.3	7860	5130		3660	3410	
		378	1265	585	3801	8	1.8	4140	2700	2210	1930	1800	1640
		14.8	49.8	23	149.6	128A8	26	9120	5950	4870	4250	3960	3610
						12	2.6	5150	3360	2760	2400	2240	2040
16.9-24	W15L	429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1870
		16.8	52.5	23.6	154.4	133A8	24	10440	6810	5570	4850	4540	4120
14.9-26	W13x26	378	1316	624.4	4060	12	2.7	4600	3000	2460	2140	2000	1820
		14.9	51.8	24.6	159.8	132A8	39	10140	6610	5420	4720	4410	4010
23.1-26	DW20	587	1600	719.5	4769	16	2.3	10060	6560	5380	4680	4375	3980
		23.1	63	28.3	187.8	159A8	33	22180	14460	11860	10320	9650	8770
11.2-28	W10	284	1205	560	3621	8	2.4	3040	1980	1620	1410	1320	1200
		11.1	47.4	22	142.5	118A8	34	6700	4360	3570	3110	2910	2640
12.4-28	W11	315	1260	583	3776	8	2.3	3570	2330	1910	1660	1550	1410
		12.4	49.6	23	149	123A8	33	7860	5130	4210	3660	3410	3110
13.6-28	W12					8	2	3800	2480	2030	1770	1650	1500
		345	1310	616	4000	125A8	29	8370	5460	4470	3900	3630	3300
		13.5	51.5	24.3	157.5	12	3	4880	3180		2270	2120	
						134A8	44	10750	7000		5000	4670	
14.9-28	W13 W13x28 W12 W11					8	1.8	4370	2850	2340	2030	1900	1730
		378	1365	640	4180	130A8	26	9630	6280	5160	4480	4190	3810
		14.8	53.7	25.2	164.6	12	2.6	5430	3540	2900	2530	2360	2150
						138A8	38	11960	7800	6390	5580	5200	4740
16.9-28	W15L					8	1.7	5010	3270	2680	2330	2180	1980
		429	1435	660	4305	135A8	24	11040	7200	5900	5130	4800	4360
		16.8	56.4	26.0	169.5	12	2.4	6270	4090	3350	2920	2725	2480
				143A8	35	13820	9020	7390	6440	6010	5470		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
18.4-28	W16Lx28	467	1501	681	4504	8	1.4	4880	3180	2610	2270	2120	1910
		18.4	59.1	26.8	177.3	134A8	20	10760	7010	5750	5000	4670	4210
16.9-30	W15L	430	1485	685	4485	8	1.7	5290	3450	2830	2460	2300	2090
		16.9	58.5	27.0	176.6	137A8	25	11650	7600	6230	5420	5070	4610
						12	2.5	6440	4200	3440	3000	2800	2550
						144A8	36	14200	9260	7580	6610	6170	5620
18.4-30	W16L	467	1550	698	4615	8	1.4	5590	3650	2990	2600	2430	2190
		18.4	61	27.4	178.9	139A8	20	12310	8040	6590	5730	5350	4828
						10	1.8	6670	4350		3100	2900	
						145A8	26.1	14690	9580		6830	6390	
23.1-30	DW20x30	587	1700	773.2	5083	14	2	9780	6380	5230	4550	4250	3870
		23.1	66.9	30.4	200.1	158A8	29	21560	14070	11530	10030	9370	8530
						12	2.3	7480	4880		3480	3250	2930
16.9-34	W15	430	1590	725	4720	8	1.7	5590	3650	2990	2600	2430	-
		16.9	62.6	28.5	185.8	139A8	25	12310	8040	6590	5730	5350	-
18.4-34	W16L	467	1650	745	4882	8	1.4	6100	3980	3260	2840	2650	2410
		18.4	65	29.3	192.2	142A8	20	13440	8770	7180	6260	5840	5310
						10	1.8	6900	4500	3690	3210	3000	2730
						146A8	26	15210	9920	8140	7080	6610	6020
						12	2.2	7940	5180	4240	3690	3450	3140
						151A8	32	17510	11420	9350	8140	7610	6920
12.4-36	W11x36	315	1470	687	4450	8	1.4	3910	2550	2090	1820	1700	1550
		12.4	57.9	27	175.2	126A8	35	8620	5620	4610	4010	3750	3420
						12	3.5	5010	3270	2680	2330	2180	
						135A8	51	11050	7210	5910	5140	4810	
13.6-36	W12 W11	345	1515	708	4632	8	2	4260	2780	2280	1980	1850	1670
		13.6	59.6	27.9	182.4	129A8	29	9390	6130	5030	4370	4080	3680
12.4-38	W11x38	315	1514	714	4653	14	3.9	5010	3270	2680	2330	2180	1960
13.6-38	W12x38	345	1565	751.7	4853	14	3.5	5430	3540	2900	2530	2360	
		13.6	61.61	29.6	191.1	138A8	51	11960	7800	6390	5570	5200	
15.5-38	W14L	394	1569	737	4813	8	1.8	4740	3090	2540	2200	2060	-
		15.5	61.8	28.5	184.8	133A8	26	10440	6810	5590	4850	4540	-
						12	2.75	5920	3860	3170	2760	2575	2320
16.9-38	W15L	429	1685	779.6	4982	8	1.7	5920	3860	3170	2760	2575	-
		16.9	66.3	30.7	196.1	141A8	25	13040	8500	6980	6080	5670	-
						12	2.5	6900	4500	3690	3210	3000	-
						146A8	36	15200	9910	8130	7070	6610	-
18.4-38	W16L	467	1750	795	5190	8	1.4	6270	4090	3350	2920	2725	2480
		18.4	68.9	31.3	204.3	143A8	20	13810	9010	7380	6430	6000	5470
						12	2.1	8400	5480	4490	3910	3650	3320
20.8-38	W18Lx38	528	1840	849.4	5542	14	2.3	10060	6560	5380	4680	4375	3980
9.5-42	W8X42 W9X42	241	1505	727.8	4628	6	2.1	2510	1640	1340	1170	1090	990
		9.5	59.3	28.7	182.2	111A8	30	5530	3620	2950	2580	2400	2180

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs / (lbs)					
		mm / in	mm / in					mm / in	mm / in	mm / in	mm / in	mm / in	mm / in
18.4-38	W16L	467	1750	795	5190	8	1.4	6270	4090	3350	2920	2725	2450
		18.4	68.9	31.3	204.3	143A8	20	13820	9020	7390	6440	6010	5400
16.9-38	W15Lx38 W14L	430	1689	770	5007	8	1.7	5920	3860	3170	2760	2575	2320
		16.9	66.5	30.3	197.1	141A8	25	13050	8510	6990	6090	5680	5120
15.5-38	W14Lx38	394	1569	737	4813	8	1.8	4740	3090	2530	2200	2060	1850
		15.5	61.8	29	189.5	133A8	26	10450	6810	5580	4850	4540	4080
14.9-28	W13x28 W12 W11	378	1365	640	4180	8	1.8	4370	2850	2340	2030	1900	1710
		14.9	53.7	25.2	164.6	130A8	26	9630	6280	5160	4480	4190	3770
16.9-24	W15Lx24 W14L	429	1335	601	3922	8	1.7	4740	3090	2530	2200	2060	1850
		16.9	52.6	23.7	154.4	133A8	25	10450	6810	5580	4850	4540	4080
18.4-34	W16L W15L	467	1650	745	4882	8	1.4	6100	3980	3260	2840	2650	2390
		18.4	65	29.3	192.2	142A8	20	13450	8770	7190	6260	5840	5270

# 768 IRRIGATION

R-1

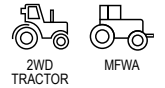


768 Irrigation has ideally spaced 23 degree lugs for superior traction in irrigation use. Strong and wide lugs provide high traction due to larger ground contact. Strong sidewall construction and high nylon carcass minimizes mechanical failure and moisture deterioration.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity						
		SW	OD					Max Load Capacity - kgs / (lbs)						
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph	
195/65-15	5.5	200	665	306	1987	8	3.2	-	-	-	-	-	650	-
		7.9	26.2	12	78.2		46							
11.2-24	W10	284	1105	512	3314	6	1.8	2440	1590	1300	1130	1060	960	
		11.2	43.5	20.2	130.5	110A8	26	5370	3500	2860	2490	2330	2110	
12.4-24	W11	315	1160	532.65	3461	4PR	1.1	2190	1430	1170	1020	950	860	
		12.4	45.6	20.97	136.2	106A8	16	4820	3150	2580	2250	2090	1890	
14.9-24	3320	378	1250	574	3701	8	1.8	4140	2700	2210	1930	1800	1640	
		14.9	49.2	22.6	145.7	7320	26	9120	5950	4870	4250	3960	3610	
						6	1.4	3130	2040	3690	1460	1360	2700	
						119A8	20	6890	4490	8130	3220	3000	5950	
11.2-38	W10	284	1459	678	4390	6	1.8	2710	1770	1450	1260	1180	1070	
		11.2	57.4	26.7	172.8	114A8	26	5970	3900	3195	2775	2600	2360	
						4	1.3	4050	2640	2160	1880	1760	1580	
						106A8	19	8920	5810	4760	4140	3880	3480	

# 337 DEEP LUG R-1W+



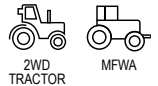
Multi angled tread pattern for on off road suitability. Stepped lugs help in improving traction. Superior tread compound and wide nose bar gives more life on the road. The tire features high NSD for improved traction. Shadow tie bar adds strength to the lugs.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl press	Recommend load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in					Mixed application						
								Static kmph	10 (1)(2) 6	20 16	25 19	30 25	40 25	
5.00-12	3.00Dx12	130	580	275	1757	4	2	590	390	350	300	257	210	
		5.1	22.8	10.8	69.2	61A6	29	1300	860	770	660	570	460	
6.00-12	4.00Ex12	160	635	299	1985	6	2.6	920	600	540	460	400	320	
		6.3	25	11.8	78.1	76A6	38	2030	1320	1190	1010	880	710	
8-18*						6		-----UNDER DEVELOPMENT-----						
8.3-20	W6	206	890	426	2742	6	2.4	1630	1070	960	820	710	570	
		8.11	35.03	16.77	107.95	96A6	35	3590	2360	2110	1810	1560	1260	
8.3-22	W7x20	206	940	449.5	2906	8	3.2	2070	1350	1350	1220	900	720	
		8.1	37	17.7	114.4	106A6	46	4560	2980	2690	2290	1980	1590	
9.5-20*						8		-----UNDER DEVELOPMENT-----						
9.5-22	W8x22	241	997	468.4	3079	8	2.9	2440	1590	1430	1220	1060	850	
		9.5	39.2	18.44	121.22	110A6	42	5370	3500	3150	2690	2330	1870	
12.4-24	W11 X24	315	1160	549	3536	8	1	1980	1290	1060	920	860	690	
		12.4	45.7	21.6	139.2	120A6	1.2	2210	1440	1180	1030	960	770	
							1.5	2510	1640	1340	1170	1090	870	
14.9-24	W13X24	378	1265	579	3720	8	1.8	-	2700	2430	2070	1800	1440	
		14.9	49.8	22.8	146.4	128A6	26	-	5950	5350	4560	3960	3170	
8.3-24	W7x24	205	995	474	3077	8	3.1	2130	1390	1250	1060	925	740	
		8.1	39.2	18.7	121.1	105A6	45	4700	3060	2760	2340	2040	1630	
9.5-24	W8x24	241	1048	500	3249	8	2.8	2510	1640	1470	1250	1090	870	
		9.5	41.25	19.7	127.91	111A6	41	5530	3610	3240	2750	2400	1920	
11.2-24	W10	284	1103	520.2	3376	8	2.4	2880	1880	1690	1440	1250	1000	
		11.2	43.42	20.48	133	116A6	35	6340	4140	3720	3170	2750	2200	
13.6-24	W12	345	1210	565	3629	8	2	3570	2330	2090	1780	1550	1240	
		13.6	47.6	22.24	142.9	123A6	29	7860	5130	4600	3920	3410	2730	
11.2-26	W10x26	284	1155	546.5	3548	8	2.4	2960	1930	1730	1480	1285	1030	
		11.2	45.5	21.52	140	117A6	35	6520	4250	3810	3260	2830	2270	
12.4-26	W11	315	1210	568.8	3668	8	2.3	3340	2180	1960	1670	1450	1160	
		12.4	47.6	22.39	144.4	121A6	33	7360	4800	4320	3680	3190	2560	
13.6-26	W12	345	1260	588	3775	8	2.2	3910	2550	2300	1960	1700	1360	
		13.6	49.6	23.15	148.6	126A6	32	8610	5620	5070	4320	3740	3000	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in	mm in	mm in	Bar psi	Static kmph	Mixed application					
								10 (1)(2) 6	20 16	25 19	30 25	40 25	
12.4-28	W11x28	315	1260	597	3805	8	2.3	3570	2330	2090	1780	1550	1240
		12.4	49.6	23.5	149.8	123A6	33	7860	5130	4600	3920	3410	2730
13.6-28	W12	345	1310	616.5	3974	8	2	3800	2310	1980	1770	1650	1490
		13.5	51.6	24.28	156.5	125A6	29	8370	5090	4360	3900	3630	3280
14.9-28	W13X28	378	1365	633	4070	8	1.8	-	2850	2570	2190	1900	1520
		14.9	53.7	24.9	160.2	130A6	26	-	6280	5660	4820	4190	3350
16.9-30	W15L	429	1485	690	4394	8	1.7	5290	3450	3110	2650	2300	1840
		16.9	58.5	27.17	173	137A6	25	11650	7600	6850	5840	5070	4050
12.4-32	W10 W11x32	315	1360	647	4223	8PR	2.3	3680	2400	2160	1840	1600	1280
		12.4	53.5	25.5	166.3	124A6	33	8110	5290	4760	4050	3520	2820
16.9-34	DW15LX34	429	1585	732	4730	8	1.7	-	3650	3280	2790	2430	1940
		16.9	62.4	28.8	186.2	139A6	25	-	8040	7220	6150	5350	4270
18.4-34	W16Lx34	467	1655	746.6	4850	10PR	1.8	6900	4200	3600	3210	3000	
		18.4	65.2	29.4	190.9	146A6	26	15210	9260	7940	7080	6610	
12.4-36	W11	315	1465	699	4567	8	2.3	3910	2550	2300	1960	1700	1360
		12.4	57.7	27.52	179.8	126A6	33	8610	5620	5070	4320	3740	3000
16.9-38	W15Lx38	429	1690	775.6	5020	8PR	1.7	5920	3610	3090	2760	2575	
		16.9	66.5	30.5	197.6	141A6	25	13050	7960	6810	6090	5680	
18.4-38	W16Lx38	467	1755	798.9	5121	8PR	1.4	6100	3710	3180	2840	2650	
		18.4	69.1	31.5	201.6	142A6	20	13450	8180	7010	6260	5840	

## 340 R-1

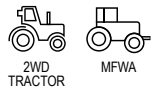


340 is designed for both on and off road applications. It provides superior traction during field operations and good comfort during on road applications. Its rubber compound provides high resistance to cut growth. The wide nose bar helps in delivering extra life on hard surfaces.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar (psi)	Recommended Load Capacity				
		SW	OD					Mixed application				
		mm / in	mm / in	mm / in	mm / in	Static	10kmph	20kmph	25kmph	30kmph		
9.5-18	W8 W9	241	895	408	2657	6	2.2	1790	1090	940	830	780
		9.5	35.2	16.1	104.6	126A6	32	3950	2400	2070	1830	1720

## FarmPRO TD45 R-1



The Alliance FarmPRO TD 45 has a modern, curved 45 degree lug design for both smooth riding on the road, and excellent traction in all field conditions. Its special stepped surfaces between lugs facilitate cleaning in very muddy conditions. The wide nose bar provides extra life on hard surfaces / roads. The FarmPRO TD 45 has been reinforced with a wear resistant compound to give it long wear capabilities.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar (psi)	Recommended Load Capacity					
		SW	OD					Mixed application					
		mm / in	mm / in	mm / in	mm / in	Static	10kmph	20kmph	25kmph	30kmph	40kmph		
180/95-14 (7-14)	6JX14	178	701	298	2180	6	2.5	1680	1100	990	840	730	580
		7	27.6	11.7	85.8	97A6/93A8	36	3700	2430	2180	1850	1610	1280
7-16	6LBX16	183	742	352	2290	6	2.5	1150	700	600	540	500	
		7.2	29.2	13.9	90.2	84A6	36	2540	1540	1320	1190	1100	
8-16	6LBX16	211	790	370	2390	6	1.9	1410	860	740	660	615	
		8.3	31.1	14.6	94.1	91A6	28	3110	1900	1630	1460	1360	
9.5-16	W8LX16	241	845	392	2525	6	2.1	1590	970	830	740	690	620
		9.5	33.3	15.4	99.4	95A6	30	3510	2140	1830	1630	1520	1370
16.9-24*						12		-----UNDER DEVELOPMENT-----					
14.9-28	W13	378	1367	627	4138	8	1.4	-	-	-	-	-	1450
		14.9	53.8	24.7	162.9		20	-	-	-	-	-	3197
18.4-38*						10		-----UNDER DEVELOPMENT-----					



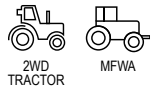


The Alliance 304 is an R-1 tread drive wheel tire for application as Rear tractor tire. Its knife like lugs is designed for deeper penetration of the ground. The double angle design with a wide space between lugs ensures efficient self-cleaning properties in any kind of soil. The design, based on 45° angle bar with center studs, provides better resistance to side slippage and continuous rolling. The tire is recommended for hillside operations and for occasional short drives on-the-road. A strong nylon carcass guards against mechanical failures and moisture deterioration.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)									Field operation						
		Not high and sustained torque;						Road transport			Low Torque		High Torque				
		SW	OD					Static	10	20	30	40	50	10	20	10	
mm in	mm in	mm in	mm in	6	12	19	25	31	6	12	6						
18.4-28	W16L	467	1500	672	4406	8	1.4	5430	3540	2900	2530	2360	2150	3300	2830	2530	
	W15L	18.4	59.1	26.5	173.5	138A8	20	11970	7800	6390	5580	5200	4740	7280	6240	5580	
13.6-36	W12	345	1515	703	4548	8	2.1	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	DW12	13.6	59.6	27.7	179.1	131A8	30	9900	6460	5290	4610	4300	3900	6020	5160	4610	
12.4-38	W11	315	1515	710	4576	6	1.7	3450	2250	1850	1610	1500	1370	2100	1800	1610	
	DW11 W10	12.4	59.6	28	180.2	122A8	25	7610	4960	4080	3550	3310	3020	4630	3970	3550	
13.6-38	W12	345	1565	729	4709	8	2	4490	2930	2400	2090	1950	1770	2730	2340	2090	
	DW12 W11	13.6	61.6	28.7	185.4	131A8	29	9900	6460	5290	4610	4300	3900	6020	5160	4610	
14.9-38	W13	378	1615	748	4843	8	1.8	4360	3270	2660	2330	2180	1980	3050	2620	2330	
	DW12 W12	14.9	63.6	29.4	190.7	135A8	26	9610	7210	5860	5140	4810	4370	6720	5780	5140	

## TRACPRO EX



TracPRO Ex has a modern curved design developed mainly for the heavy duty agricultural segment. The multi angled lug design enables smooth riding on the road and displays excellent traction during field operations. The special stepped surfaces between lugs enable the tire to have excellent self cleaning characteristics. The special tread compound provides protection against cuts and cracks.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR	Inflation Pressure	Recommended Load Speed					
		Mixed application											
		SW	OD					Static	10(1)	20	25	30	40
		mm	mm					mm	(2)	16	19	25	25
mm	mm	mm	6	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
13.6-28	W12x28	345	1310	624	4111	12PR	2.3	4140	2700	2430	2070	1800	1440
		13.58	51.57	24.56	161.85	128A6	33	9120	5950	5350	4560	3960	3170
14.9-28	W13x28	378	1365	644.6	4142	12PR	2.3	4880	3180	2860	2440	2120	1700
		14.88	53.74	25.37	163.07	134A6	33	10750	7000	6300	5370	4670	3740
16.9-30	W15Lx30	429	1485	690	4483	12PR	2.4	6440	4200	3780	3220	2800	2240
		16.88	58.5	27.16	176.5	144A6	35	14190	9250	8330	7090	6170	4930
18.4-30	W16Lx30	465	1550	719.5	4687	14PR	2.6	7940	5180	4660	3970	3450	2760
		18.3	61.02	28.3	184.5	151A6	38	17490	11410	10260	8740	7600	6080

## HAULPRO-ML



Haul Pro is specially designed for heavy duty tractor applications. The 21 degree multi angled lug design with aggressive shoulders ensure excellent traction on the field and a comfortable ride on road. Robust construction with special tread compound provides protection against damages ensuring long tire life and reduced downtime. Superior durability, low soil compaction and high speed capabilities make Haul Pro ML the perfect choice for heavy duty field & haulage applications.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load Speed					
		Mixed application											
		SW	OD					Static	10	20	25	30	40
		mm	mm					mm	6	12	16	19	25
mm	mm	mm	mm	psi	kmph	kmph	kmph	kmph	kmph	kmph	kmph		
16.9-30	W15Lx30	429	1485	687.5	4469	12PR	2.4	6440	4200	3780	3220	2800	2240
		16.9	58.5	27.1	175.9	144A6	35	14200	9260	8330	7100	6170	4940

# 768 VALUE PLUS

R-1



Alliance 768 Value Plus is specially designed to meet the unique demands of pivot irrigation. Built with strong nylon carcass construction which enhances its ability to carry continuous heavy loads. Designed with low lug angles and rounded shoulders for optimal traction and maximum crop protection. The presence of special ozone compound protects it from cracking ensuring excellent durability.



Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR, Load Index Speed Symbol	Infl. Pressure bar / (psi)	Recommended Load Capacity					
		SW	OD					Max Load Capacity - kgs / (lbs)					
		mm / in	mm / in					Static	10kmph	20kmph	30kmph	40kmph	50kmph
11.2-24	W10	284	1100	493.3	3250	6	1.8	2440	1590	1300	1130	1060	960
		11.2	43.3	19.4	128	110A8	26	5380	3510	2870	2490	2340	2120
14.9-24	W13X24	375	1260	562.75	3668	6	1.4	3130	2040	1670	1460	1360	1220
		14.8	49.6	22.2	144.4	119A8	20	6900	4500	3680	3220	3000	2690
11.2-38	W10	284	1455	681.2	4344	6	1.8	2710	1770	1450	1260	1180	1070
		11.2	57.3	26.8	171	114A8	26	5980	3900	3200	2780	2600	2360





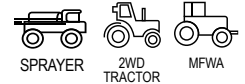
# ROW CROP

# AGRIFLEX+ 354

R-1W

SB

STEEL BELTED



The advanced Agriflex+ 354 Very Improved Flexion (VF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry upto 40% more at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex+ 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		Speed, km/h (mph)						Not high and sustained torque; Road transport					Cyclic*		CFO*			
		SW	OD						Press.	Load	Load	Load						
		mm in	mm in	mm in	mm in			mm in	mm in	bar psi	10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6
VF380/85R30	DW13	394	1412	625	4163	146D	1.6	3210	3000	3000		3000	2730	2	4650			
	DW12	15.5	55.6	24.6	163.9		23	7080	6610	6610		6610	6020	29	10250			
VF420/90R30	DW13	450	1518	669	4486	153D	1.6	3910	3650	3650		3650	3320	2	5660			
	DW15	17.7	59.8	26.3	176.6		23	8620	8050	8050		8050	7320	29	12480			
320/85R32	W11	319	1357	615	4017	139D	1.6	2600	2430	2430		2430	2210	2	3400			
	W10	12.6	53.4	24.2	158.1		23	5730	5360	5360		5360	4870	29	7500			
320/85R34	W11	325	1415	643	4217	143D	2	2920	2725	2725		2725	2480	2.5	3820			
	W10	12.8	55.7	25.3	166		29	6440	6010	6010		6010	5470	36	8420			
VF380/85R34	DW13	395	1524	679	4503	149D	1.6	3480	3250	3250		3250	2960	2	5040			
	DW12	15.6	60	26.7	177.3		23	7670	7170	7170		7170	6530	29	11110			
VF420/85R34	DW14L	417	1575	703	4662	159D	2.4	4690	4375	4375		4375	3980	3	6130			
	DW15L	16.4	62	27.7	183.5		35	10330	9640	9640		9640	8770	44	13500			
VF480/70R34	DW16L	495	1580	714	4719	160D	2.4	4820	4500	4500		4500	4100	3	6980			
		19.5	62.2	28.1	185.8		35	10630	9920	9920		9920	9040	44	15390			
320/80R38	W11	319	1505	694	4524	155D	3.6	4150	3875	3875		3875	3530	4.4	5430			
	W10	12.6	59.3	27.3	178.1		52	9150	8540	8540		8540	7780	64	11970			
VF 380/80R38	DW13	398	1595	725	4710	154D	2.4	4020	3750	3750		3750	3410	3	5810			
	DW12	15.7	62.8	28.5	185.4		35	8850	8260	8260		8260	7510	44	12800			
VF 380/95R38	DW13	390	1687	759	4997	159D	2.4	4690	4375	4375		4375	3980	3	6130			
	DW12	15.4	66.4	29.9	196.7		29	10340	9650	9650		9650	8770	44	13510			
VF480/80R42	DW16	489	1848	826	5490	162D	1.6	5090	4750	4750		4750	4320	2	7360			
	DW15	19.3	72.8	32.5	216.1		23	11220	10470	10470		10470	9520	29	16230			
VF320/90R46	DW10	315	1745	809	5290	160D	3.6	4820	4500	4500		4500	4100	4.4	6980			
	DW11	12.4	68.7	31.9	208.3		52	10620	9910	9910		9910	9030	64	15370			
VF 320/105R46	DW11	325	1840	850	5583	172D	4.8	6750	6300	6300		6300	5730	5.6	9770			
	DW10	12.8	72.4	33.5	219.8		70	14870	13880	13880		13880	12620	81	21520			
VF 380/90R46	DW13	391	1854	861	5549	173D	4.4	8130	6500	6500		6500	5920	5.2	10080			
	DW12	15.4	73	33.9	218.5		64	17910	14320	14320		14320	13040	75	22200			
VF480/80R46	DW16	489	1948	876	5806	164D	1.6	5360	5000	5000		5000	4550	2	7750			
	DW15	19.3	76.7	34.5	228.6		23	11820	11020	11020		11020	10030	29	17090			
VF 520/85R46	DW18	530	2052	916	6026	170D	1.6	6430	6000	6000		6000	5460	2	9300			
	DW16	20.9	80.8	36.1	237.2		23	14160	13220	13220		13220	12030	29	20480			
VF 340/85R48	W12	343	1808	841	5489	164D	4	5360	5000	5000		5000	4550	4.8	7000			
	W11	13.5	71.2	33.1	216.1		58	11820	11020	11020		11020	10030	70	15430			
VF 320/90R50	W11	319	1848	864	5620	166D	4.4	5680	5300	5300		5300	4820	5.2	8220			
	W10	12.6	72.8	34	221.3		64	12510	11670	11670		11670	10620	75	18110			
VF 320/105R50	DW11	323	1938	894	5836	158D	2.4	4550	4250	4250		4250	3870	3	5950			
	DW10	12.7	76.3	35.2	229.8		35	10030	9370	9370		9370	8530	44	13120			
VF380/90R50	DW13	385	1956	901	5880	175D	4.4	7390	6900	6900		6900	6280	5.2	9660			
	DW12	15.2	77	35.5	231.5		64	16290	15210	15210		15210	13850	75	21300			
VF 380/105R50	DW13	397	2052	940	6176	179D	4.4	8300	7750	7750		7750	7050	5.2	10850			
	DW12	15.6	80.8	37	243.1		64	18280	17070	17070		17070	15530	75	23900			
VF 480/80R50	DW16	479	2050	936	6114	171D	2.4	6590	6150	6150		6150		3	9530			
	DW15	18.9	80.7	36.9	240.7	179D	3.6	14520	13550	13550		13550		44	20990			
VF 420/95R50	DW14	425	2052	932	6131	177D	3.6	9130	8150	7480		7300	6640	4.4	11320			
	DW13	16.7	80.8	36.7	241.4		52	20110	17950	16480		16080	14630	64	24930			



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)											
		dimension						Speed, km/h (mph)											
		SW	OD	Not high and sustained torque; Road transport										Cyclic*		CFO*			
		mm in	mm in	10 6	15 9			20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6	15 9	30 19				
VF 480/95R50	DW16	485	2187	984	6550	176D	2.4	7610	7100	7100	–	7100	6460	3	11010	–	–		
	DW15	19.1	86.1	38.7	257.9		35	16760	15640	15640	–	15640	14230	44	24250	–	–		
VF 230/115R54	W8	257	1947	912	5931	151D	3.2	3700	3450	3450	–	3450	3140	4	4830	–	–		
		10.1	76.7	35.9	233.5		46	8150	7600	7600	–	7600	6920	58	10640	–	–		
VF270/105R54	W10	285	1946	910	5930	160D	4	4820	4500	4500	–	4500	4100	4.8	6300	–	–		
		11.2	76.6	35.8	233.5		58	10630	9920	9920	–	9920	9040	70	13890	–	–		
VF 320/105R54	DW11	325	2040	950	6214	172D	4.4	6750	6300	6300	–	6300	5730	5.2	8820	–	–		
	DW10 DW12	12.8	80.3	37.4	244.6		64	14870	13880	13880	–	13880	12620	75	19430	–	–		
VF 320/90R54	DW11	320	1950	911	5944	168D	4.4	6000	5600	5600	–	5600	5100	5.2	7840	–	–		
	DW10 DW12	12.6	76.8	35.9	234		64	13230	12350	12350	–	12350	11240	75	17280	–	–		
VF 380/90R54	DW13	383	2050	951	6199	176D	4.4	7610	7100	7100	–	7100	6460	5.2	9940	–	–		
	DW12	15.1	80.7	37.4	244.1		64	16780	15650	15650	–	15650	14240	75	21910	–	–		
VF380/105R54*						183D		-----UNDER DEVELOPMENT-----											

# AGRIFLEX+ 363



Agriflex+ 363 Very Improved Flexion (VF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The VF tire construction enables working with high tire deflection, providing up to 40% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Large number of blocks and high rubber to void tread ratio, ensures long tread life, comfort and low rolling resistance during transport operation on hard surfaces. Large tire footprint area provides high traction, reduces fuel costs and minimizes soil compaction. The steel belted carcass structure ensures uniform ground pressure, puncture protection and extended tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)							
		dimension						Speed, km/h (mph)							
		SW	OD	Not high and sustained torque; Road transport						Cyclic*					
		mm in	mm in	10 6	15 9			20 12	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6			
270/95R32	W9	284	1330	609	3968	138D	2.4	2530	2360	2360	2360	2150	3	3304	
	W10	11.2	52.4	24	156.2		35	5580	5200	5200	5200	4740	44	7280	
270/95R36	W9	276	1424	660	4287	140D	2.4	2680	2500	2500	2500	2280	3	3500	
	W10	10.9	56.1	26	168.8		35	5910	5510	5510	5510	5030	44	7720	
270/95R38	W9	278	1476	681	4432	141D	2.4	2760	2575	2575	2575	2340	3	3605	
	W10	10.9	58.1	26.8	174.5		35	6090	5680	5680	5680	5160	44	7950	
VF 320/90R46	DW10, DW11	308	1748	808	5333	155D	2.8	4150	3875	3875	3875	3530	3.5	5430	
	DW12	12.1	68.8	31.8	210		41	9140	8540	8540	8540	7780	51	11960	
VF 380/90R46	DW13	389	1842	848	5548	173D	4.4	8130	7260	6660	6500	5920	5.2	10075	
	DW12, W12 W13	15.3	72.5	33.4	218.4		64	17910	15990	14670	14320	13040	75	22190	
VF 230/95R48	W8	232	1660	784	5058	146D	3.6	3210	3000	3000	3000	2730	4.4	4650	
	W9	9.1	65.4	30.9	199.1		52	7070	6610	6610	6610	6010	64	10240	
VF 270/95R48	DW10	275	1733	816	5329	155D	4	4150	3875	3875	3875	3530	4.8	6010	
	DW9, W10	10.8	68.2	32.1	209.8		58	9140	8540	8540	8540	7780	70	13240	
VF 320/90R50	DW11	330	1846	862	5617	166D	4.4	5680	5300	5300	5300	4820	5.2	7420	
	DW10	13	72.7	33.9	221.1		64	12510	11670	11670	11670	10620	75	16340	
VF 480/80R50	DW16L	475	2038	919	6103	169D	2	6210	5800	5800	5800	5280	2.5	8120	
	DW15L	18.7	80.2	36.2	240.3		29	13680	12780	12780	12780	11630	36	17890	
VF 270/95R54	DW10	287	1894	894	5763	156D	3.6	4290	4000	4000	4000	3640	4.4	6200	
	DW9	11.3	74.6	35.2	226.9		52	9450	8810	8810	8810	8020	64	13660	

Size	Rim	Unloaded Dimension		Load-ed Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended Load																			
		dimension						Speed																			
		SW	OD	Tractor Application																							
		mm	mm	10	15	20		25	30	35	40	45	50	55	60	65	70										
380/105R50	W13X50	400	2050	945.5	6206	179D	4.4	8525	8138	8060	7983	7905	7828	7750	7750	7750	7750	7750	7750	7750	7750	7750	7750	7750	7750	7750	7750
		15.7	80.7	37.2	244.3		64	18790	17940	17770	17600	17430	17260	17090	17090	17090	17090	17090	17090	17090	17090	17090	17090	17090	17090	17090	17090

# AGRIFLEX 354 **R-1W** **SB**

STEEL BELTED



The advanced Agriflex 354 Improved Flexion (IF) is designed to carry same load as standard radial tractor tire but at lower pressure or carry more load (up to 20%) at the same pressure. Together with all the advantages of Alliance's standard R-1W radial tractor drive tires these tires allow lower inflation pressure for the same load capacity related to regular Row Crop tires. Stronger lugs than regular Row Crop tires, outstanding traction, excellent self-cleaning characteristics and enhanced lug shape ensure exceptional durability, comfort and a significant reduction of noise while driving on the road. Agriflex 354 gives a large tire footprint area for high traction, reduces fuel costs and increases overall operation productivity and best puncture protection and more uniform ground pressure distribution due to its steel belts.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW OD						Speed, km/h (mph)						Cyclic*		
		mm in	mm in	Not high and sustained torque; Road transport						Press.		Load				
				10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6					
IF 420/85R34	W14L	417	1575	709	4681	154D	2.4	4690	4190	3840	—	3750	3410	3	5813	
	W15L	16.4	62	27.9	184.3		35	10330	9230	8460	—	8260	7510	44	12800	
IF 380/80R38	DW13	398	1595	728	4706	149D	2.4	4060	3630	3330	—	3250	2960	3	5038	
	DW12	15.7	62.8	28.7	185.3		35	8940	8000	7330	—	7160	6520	44	11100	
IF 380/95R38	DW13	390	1687	767	5018	154D	2.4	4690	4190	3840	—	3750	3410	3	5813	
	DW12	15.4	66.4	30.2	197.5		35	10330	9230	8460	—	8260	7510	44	12800	
IF 320/105R46	DW11	345	1840	857	5553	166D	4.8	6630	5920	5430	—	5300	4820	5.6	8215	
	DW10	13.6	72.4	33.7	218.6		70	14600	13040	11960	—	11670	10620	81	18090	
	DW12															
	W11															
IF 320/90R46	DW10	320	1744	814	5283	155D	3.6	4840	4330	3970	—	3875	3530	4.4	6006	
	DW11	12.6	68.7	32	208		52	10660	9540	8740	—	8540	7780	64	13230	
IF 380/90R46	DW13	391	1854	861	5585	168D	4.4	7000	6250	5740	—	5600	5100	5.2	8680	
							64	15420	13770	12640	—	12330	11230	75	19120	
							5.2	8130	7260	6660	—	6500	5920	6	10075	
IF 520/85R46	DW18	530	2052	916	6013	165D	1.6	6440	5750	5280	—	5150	4690	2	7983	
																23
IF 340/85R48	DW12	343	1808	850	5480	159D	4	5470	4890	4480	—	4375	3980	4.8	6781	
																58
IF 320/90R50	DW11	319	1846	871	5645	161D	4.4	5780	5160	4740	—	4625	4210	5.2	7169	
	W10	12.6	72.7	34.3	222.2		64	12730	11370	10440	—	10190	9270	75	15790	
IF 320/105R50	DW11	323	1938	909	5830	152D	2.4	4440	3960	3640	—	3550	3230	3	5503	
	DW12	12.7	76.3	35.8	229.5		35	9780	8720	8020	—	7820	7110	44	12120	
IF 380/90R50	DW13	385	1956	906	5896	170D	4.4	7500	6700	6150	—	6000	5460	5.2	9300	
	DW12	15.2	77	35.7	232.1		64	16520	14760	13550	—	13220	12030	75	20480	
IF 380/105R50	DW13	399	2052	947	6187	177D	4.8	9130	8150	7480	—	7300	6640	5.6	11315	
	DW12	15.7	80.8	37.3	243.6		70	20110	17950	16480	—	16080	14630	81	24920	
IF 480/80R50	DW16	479	2050	946	6153	166D	2.4	6630	5920	5430	—	5300	4820	3	8215	
	DW15	18.9	80.7	37.2	242.2		35	14600	13040	11960	—	11670	10620	44	18090	
IF 480/95R50	DW16	480	2187	988	6518	165D	1.6	6440	5750	5280	—	5150	4690	2	7983	
	DW15	18.9	86.1	38.9	256.6		23	14190	12670	11630	—	11340	10330	29	17580	
IF 230/115R54	W8	257	1947	921	5941	145D	3.2	3630	3240	2970	—	2900	2640	4	4495	
		10.1	76.7	36.3	233.9		46	8000	7140	6540	—	6390	5810	58	9900	
IF 270/105R54	W10	280	1946	917	5949	158D	4.4	5310	4750	4360	—	4250	3870	5.2	6588	
		11	76.6	36.1	234.2		64	11700	10460	9600	—	9360	8520	75	14510	
IF 320/90R54	DW11	322	1950	922	5972	162D	4.4	5940	5300	4870	—	4750	4320	5.2	7363	
	DW12	12.7	76.8	36.3	235.1		64	13080	11670	10730	—	10460	9520	75	16220	
IF 320/105R54	DW11	330	2040	959	6230	167D	4.4	6810	6090	5590	—	5450	4960	5.2	8448	
	DW12	13	80.3	37.8	245.3		64	15000	13410	12310	—	12000	10930	75	18610	
IF 380/90R54	DW13	380	2056	959	6231	171D	4.4	7690	6870	6300	—	6150	5600	5.2	9533	
	DW12	15	80.9	37.8	245.3		64	16940	15130	13880	—	13550	12330	75	21000	
IF 380/105R54	DW13	395	2163	1001	6532	180D	5.2	10000	8930	8200	—	8000	7280	6	12400	
	DW12	15.6	85.2	39.4	257.2		75	22050	19690	18080	—	17640	16050	87	27340	

# AGRIFLEX 363



Agriflex 363 Improved Flexion (IF) is a tire for modern methods in field spraying. It is an optimal tire for heavy and high speed self propelled sprayers. The IF tire construction enables working with higher tire deflection, providing up to 20% higher load carrying capacity for the same inflation pressure as regular tires. The directional lug design, divided into separated blocks provides excellent grip on soft surfaces. Larger number of blocks and high rubber to void tread ratio, ensures longer tread life, comfort and low rolling resistances during transport operation on hard surfaces. Larger tire footprint area provides higher traction, reduces fuel costs and minimizes soil compaction. Steel belted carcass structure ensures uniform ground pressure distribution, puncture protection and extended tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)																
		SW	OD					Speed, km/h (mph)																
								Not high and sustained torque; Road transport						Cyclic*										
								10 6	15 9	20 12	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70 44	bar psi	10 6									
IF 320/90R46	DW10	308	1748	821	5324	155D	3.6	4840	4330	3970	3875	3530	4.4	6006										
	DW11	12.1	68.8	32.3	209.6										52	10660	9540	8740	8540	7780	64	13230		
	DW12																							
IF 380/90R46	DW13	389	1842	853	5592	168D	4.4	7000	6250	5740	-	5600	5100	5.2	8680									
	DW12	15.3	72.5	33.6	220.2											64	15420	13770	12640	-	12330	11230	75	19120
	W12																							
IF 480/80R50	DW16	480	2038	940	6153	166D	2.4	6630	5920	5430	-	5300	4820	3	8215									
		18.9	80.2	37	242.3											35	14600	13040	11960	-	11670	10620	44	18090

# 350 R-1



The Alliance 350 is a special line of radial narrow tires for all types of cultivation, harvesting and spraying jobs. The tire is characterized by round shoulders for soil and crop protection. A tough casing and rigid belt provides all the advantages of radial construction. This tire is used as front wheel in Row Crop applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								1) Not high and sustained torque; 2) Road transport						Cyclic operation		
								Non cyclic operation			Cyclic operation			bar psi	10 6	15 9
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Field	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9	
230/95R28 (9.5R28)	W8	241	1140	530	3418	109A8	1.6	1100	1140	1030	940			2	1750	1600
	W7	9.5	61	28.7	187.8	106B	23	2420	2510	2270	2070			29	3850	3520
210/95R32 (8.3R32)	W6	211	1190	553	3668	103D	2.4	1010	1040	960	920	875	800	3	1490	1360
						114A2	35	2220	2290	2110	2030	1930	1760	44	3280	3000
						116D	3.6	1440	1480	1370	1310	1250	1140	4.5	2130	1940
						119A8	52	3170	3260	3020	2890	2750	2510	65	4690	4270
230/95R32 (9.5R32)	W7	241	1245	582	3796	128D	3.6	2070	2130	1970	1890	1800	1640	4.5	3060	2790
						131A8	52	4564	4696	4343	4167	3968	3616	65	6746	6151
						115D	2.4	1400	1440	1330	1280	1215	1110	3	2070	1880
270/95R32 (11.2R32)	W9	284	1300	601	3946	126A2	35	3086	3175	2932	2822	2679	2447	44	4564	4145
						132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
						135A8	52	5071	5225	4828	4630	4409	4012	65	7496	6834
320/85R34 (12.4R34)	W11	329	1408	652	4239	121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250
						132A2	35	3682	3792	3505	3351	3197	2910	44	5445	4960
						141A8	3.6	2760	3450	2860	2760	2575	2340	4.5	4380	3990
210/95R36 (8.3R36)	W6	211	1290	607	3970		52	6085	7606	6305	6085	5677	5159	65	9656	8796
						118D	3.6	1520	1560	1450	1390	1320	1200	4.5	2240	2050
						121A8	52	3351	3439	3197	3064	2910	2646	65	4938	4519
						105D	2.4	1060	1100	1010	970	925	840	3	1570	1430
						116A2	35	2337	2425	2227	2138	2039	1852	44	3461	3153

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								1) Not high and sustained torque; 2) Road transport								
								Non cyclic operation					Cyclic operation			
								25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9	
230/95R36 (9.5R36)	W8	241	1345	625	4140	130D	3.6	2190	2250	2080	2000	1900	1730	4.5	3230	2950
		9.5	53	24.6	163	133A8	52	4828	4960	4586	4409	4189	3814	65	7121	6504
	W7	241	1345	625	4140	117D	2.4	1480	1520	1410	1350	1285	1170	3	2180	1990
		9.5	53	24.6	163	128A2	35	3263	3351	3109	2976	2833	2579	44	4806	4387
270/95R36 (11.2R36)	W10	284	1410	654	4327	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
		11.2	55.5	25.7	170.4	139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650
	W9	284	1410	654	4327	123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400
		11.2	55.5	25.7	170.4	134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291
270/95R38 (11.2R38)	W10	284	1456	680	4480	137D	3.6	2650	2730	2520	2420	2300	2090	4.5	3910	3570
		11.2	57.3	26.8	176.4	140A8	52	5842	6019	5556	5335	5071	4608	65	8620	7870
	W9	284	1456	680	4480	124D	2.4	1840	1900	1750	1680	1600	1460	3	2720	2480
		11.2	57.3	26.8	176.4	135A2	35	4057	4189	3858	3704	3527	3219	44	5997	5467
230/95R40 (9.5R40)	W7	241	1460	686	4471	132D	3.6	2300	2370	2190	2100	2000	1820	4.5	3400	3100
	W8	9.48	57.48	27	176.02	135A8	52	5070	5220	4820	4630	4410	4010	65	7490	6830
230/95R42 (9.5R42)	W7	228	1505	712	4537	133D	4	2370	2440	2260	2160	2060	1870	5	3500	3190
	W8	9	59.3	28	178.6	136A8	59	5220	5370	4980	4760	4540	4120	74	7710	7030
270/95R42 (11.2R42)	W10	284	1565	736	4770	139D	3.6	2790	2880	2660	2550	2430	2210	4.5	4130	3770
		11.2	61.6	29	187.8	142A8	52	6151	6349	5864	5622	5357	4872	65	9105	8311
	W9	284	1565	736	4770	126D	2.4	1960	2010	1860	1790	1700	1550	3	2890	2640
		11.2	61.6	29	187.8	137A2	35	4321	4431	4101	3946	3748	3417	44	6371	5820
210/95R44 (8.3R44)	W7	211	1495	708	4641	126D	3.6	1960	2010	1860	1790	1700	1550	4.5	2890	2640
		8.3	58.9	27.9	182.7	129A8	52	4321	4431	4101	3946	3748	3417	65	6371	5820
	W6	211	1495	708	4641	113D	2.4	1320	1360	1260	1210	1150	1050	3	1960	1780
		8.3	58.9	27.9	182.7	124A2	35	2910	2998	2778	2668	2535	2315	44	4321	3924
230/95R44 (9.5R44)	W8	241	1550	730	4810	121D	2.4	1670	1720	1590	1520	1450	1320	3	2470	2250
		9.5	61	28.7	189.4	124A8	35	3682	3792	3505	3351	3197	2910	44	5445	4960
	W7	241	1550	730	4810	134D	3.6	2440	2510	2320	2230	2120	1930	4.5	3600	3290
		9.5	61	28.7	189.4	137A8	52	5379	5534	5115	4916	4674	4255	65	7937	7253
270/95R44 (11.2R44)	W10	284	1605	752	4875	140D	3.6	2880	2960	2740	2630	2500	2280	4.5	4250	3880
		11.2	63.2	29.6	191.9	143A8	52	6349	6526	6041	5798	5512	5027	65	9370	8554
	W9	284	1605	752	4875	127D	2.4	2010	2070	1920	1840	1750	1590	3	2980	2710
		11.2	63.2	29.6	191.9	138A2	35	4431	4564	4233	4057	3858	3505	44	6570	5975
	W8	284	1605	752	4875	142D	4	3050	3140	2900	2780	2650	2410	5	4510	4110
		11.2	63.2	29.6	191.9	145A8	58	6724	6923	6393	6129	5842	5313	73	9943	9061
270/95R46 (11.2R46)	W10	284	1665	774	5121	141D	3.6	2960	3050	2820	2700	2575	2340	4.5	4380	3990
		11.2	65.6	30.5	201.6	144A8	52	6526	6724	6217	5952	5677	5159	65	9656	8796
	W9	284	1665	774	5121	128D	2.4	2070	2130	1970	1890	1800	1640	3	3060	2790
		11.2	65.6	30.5	201.6	139A2	35	4564	4696	4343	4167	3968	3616	44	6746	6151
300/95R46 (12.4R46) (320/90R46)	W11	315	1727	807	5294	148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
		12.4	68	31.8	208.4	151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
	W10	315	1727	807	5294	132D	2.4	2300	2370	2190	2100	2000	1820	3	3400	3100
		12.4	68	31.8	208.4	143A2	35	5071	5225	4828	4630	4409	4012	44	7496	6834
340/85R46 (13.4R46)	W12	340	1760	824	5437	150D	3.6	3850	3970	3670	3520	3350	-	4.5	5700	5190
	W11	13.4	69.3	32.4	214.1	153A8	52	8480	8740	8080	7750	7380	-	65	12560	11430
380/105R46	W12	394	1950	898	5916	158D	3	4890	5040	4650	4460	4250	3870	3.8	7230	6590
	W13	15.5	76.8	35.4	232.9		44	10781	11111	10251	9833	9370	8532	55	15939	14528
380/90R46	W11	380	1824	864.5	5633	172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770
	W12	15	71.8	34	221.8	175A8	84	15980	16470	15210	14600	13890	12630	106	23610	21540
380/90R46 (14.9R46)	W13	380	1824	864.5	5633	142D	2.1	3050	3140	2900	2780	2650	2410	2.6	4510	4110
		14.9	71.8	33.5	216.7	145A8	30	6724	6923	6393	6129	5842	5313	38	9943	9061
	W12	380	1824	864.5	5633	149D	2.4	3740	3850	3560	3410	3250	2960	3	5530	5040
		14.9	71.8	33.5	216.7	152A8	35	8245	8488	7848	7518	7165	6526	44	12192	11111
	W11	380	1824	864.5	5633	159D	4	5030	5180	4790	4590	4375	3980	5	7440	6780
		14.9	71.8	33.5	216.7	162A8	58	11089	11420	10560	10119	9645	8774	73	16402	14947
380	1824	864.5	5633	172D	5.8	7250	7470	6900	6620	6300	5730	7.3	10710	9770		
14.9	71.8	33.5	216.7	175A8	84	15983	16469	15212	14595	13889	12632	106	23611	21539		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						1) Not high and sustained torque; 2) Road transport		
								Non cyclic operation					Cyclic operation			
								mm in	mm in	25 16	40 25	50 31	65 40	70 44	bar psi	10 6
230/95R48 (9.5R48)	W8 W7	241	1650	787	5119	136D	3.6	2580	2650	2450	2350	2240	2040	4.5	3810	3470
		9.5	65	31	201.5	139A8	52	5688	5842	5401	5181	4938	4497	65	8400	7650
						123D	2.4	1780	1840	1700	1630	1550	1410	3	2640	2400
						134A2	35	3924	4057	3748	3594	3417	3109	44	5820	5291
270/95R48 (11.2R48)	W10 W9 W8	284	1710	811	5221	129D	2.4	2130	2190	2030	1940	1850	—	3	3150	2870
		11.2	67.3	31.9	205.5	142D	3.6	3050	3140	2900	2780	2650	—	4.5	4510	4110
						145A8	52	6720	6920	6390	6120	5840	—	65	9930	9050
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
340/85R48 (13.6R48)	W12 W11	345	1805	854	5620	151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
		13.6	71.1	33.6	221.3	135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
						146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452
						151D	4.2	3970	4090	3780	3620	3450	3140	5.3	5870	5350
320/90R50 (12.4R50)	W11 W10 W9	325	1867	878	5684	154A8	61	8752	9017	8333	7981	7606	6923	77	12941	11795
		12.8	73.5	34.6	223.8	156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200
						159A8	70	10141	10450	9656	9259	8818	8025	87	14991	13669
						150D	3.6	3850	3970	3670	3520	3350	3050	4.5	5700	5190
380/105R50	W12 W11	405	2050	955	6214	153A8	52	8480	8740	8080	7750	7380	6720	65	12560	11430
		15.9	80.7	37.6	244.6	168D	4.4	6440	6640	6130	5880	5600	5100	5.5	9520	8680
						171A8	64	14198	14639	13514	12963	12346	11244	80	20988	19136
						151D	2.4	3970	4090	3780	3620	3450	3140	3	5870	5350
380/90R50 (14.9R50)	W12 W11 W12L	384	1950	916	5939	152A8*	-----UNDER DEVELOPMENT-----									
		15.1	76.8	36.1	233.8	158D	3.6	4890	5040	4650	4460	4250	3870	4.5	7230	6590
						161A8	52	10781	11111	10251	9833	9370	8532	65	15939	14528
						148D	3.6	3620	3730	3450	3310	3150	2870	4.5	5360	4880
300/95R52 (12.4R52)	W10 W9 W8	310	1890	895	5790	151A8	52	7981	8223	7606	7297	6945	6327	65	11817	10759
		12.2	74.4	35.2	228	156D	4.8	4600	4740	4380	4200	4000	3640	6	6800	6200
						159A8	70	10141	10450	9656	9259	8818	8025	87	14991	13669
						135D	2.4	2510	2580	2390	2290	2180	1980	3	3710	3380
270/95R54 (11.2R54)	W10 W9 W8	285	1900	903	5826	146A2	35	5534	5688	5269	5049	4806	4365	44	8179	7452
		11.2	74.8	35.39	228.62	146D	3.6	3450	3560	3290	3150	3000	2730	4.5	5100	4650
						149A8	52	7600	7840	7250	6940	6610	6010	65	11230	10240
						151D	3.6	3970	4090	3780	3620	3450	—	4.5	5870	5350
320/90R54	W10 W9 W11	325	1958	928	6093	162A2	52	8740	9010	8330	7970	7600	—	65	12930	11780
		12.8	77.1	36.5	239.9	152D	2.4	4080	4210	3890	3730	3550	3230	3	6040	5500
						155A8	35	8995	9281	8576	8223	7826	7121	44	13316	12125
						171D	4.8	7070	7290	6730	6460	6150	5600	6	10460	9530
380/90R54 (14.9R54)	W12 W11 W13	388	2055	960	6257	174A8	70	15587	16072	14837	14242	13558	12346	87	23060	21010
		15.3	80.9	37.8	246.3											

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load									
		SW	OD					Speed						Inflation Pressure	Field operation		
								Not high and sustained torque; Road transport							5	10	
								mm in	mm in	mm in	mm in	mm in	mm in	10			20
270/95R54 (11.2R54) Steel Belted	W10, W9, W8	285	1900	903	5961	156D	6	6000	4920	4440	4280	4120	4000	4000	7.6	7790	5450
		11.2	74.8	35.6	229.4	167A2	87	13230	10850	9790	9440	9080	8820	8820	110	17170	12020



# NOTES

Ruled lines for taking notes.

Row Crop

# COMBINE HARVESTER



# AGRIFLEX+ 372

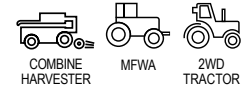
R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The advanced Agriflex+ 372 Very Improved Flexion (VF) designed with increased sidewall flexibility enables the tire to carry (up to 40%) more at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
				Not high and sustained torque; Road transport						Cyclic*		CFO*								
				10	15	20		25 up to 65 km/h 15 up to 40 mph	70	Press.	Load	Load	Load							
		mm	mm	mm	mm		bar	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	
VF 520/80R26	DW16L	505	1465	627	4335	168A8	2.8	6000	5600	5600									7448	6216
	DW18L	19.9	57.7	24.7	170.7		41	13230	12350	12350									16420	13700
VF 620/70R26	DW21B	626	1485	644	4387	170D	2.4	6430	6000	6000	6000	5460							7980	6660
	DW20B	24.6	58.5	25.4	172.7		35	14160	13220	13220	13220	12030							17580	14670
VF 750/65R26	DW25B	754	1636	698	4755	177B	2.4	7820	7300	7300	7300	6640	3	10220						
	DW27B	29.7	64.4	27.5	187.2		35	17240	16090	16090	16090	14640	44	22530						
VF 800/65R32	DW27B	775	1845	769	5416	184D	2.4		9000	9000	9000	8190			9640				11970	9990
	CFO	30.5	72.6	30.3	213.2		35		19840	19840	19840	18060			21250				26390	22020
VF 800/70R32*						185D														
VF 900/60R32*						196D														
VF 800/70R38	DW27B	820	2085	911	6173	190A8	2.4	11360	10600	10600	10600								14098	11766
		32.3	82.1	35.9	243		35	25040	23370	23370	23370								31080	25940
VF 900/60R38	DW30B	888	2035	876	5964	187A8	2	10450	9750	9750		8870							12968	10823
	DW28B	35	80.1	34.5	234.8		29	23020	21480	21480		19540							28560	23840
						188D*														
VF 520/85R42	DW16L	540	1955	874	5806	177A8	2.8	7820	7300	7300	7300	6640							9709	8103
	DW18L	21.3	77	34.4	228.6		41	17240	16090	16090	16090	14640							21410	17860
VF710/60R42	DW25B	710	1923	850	5656	161D	1	4960	4625	4625	4625	4210	1.3	7169						
	NRO	28	75.7	33.5	222.7		15	10930	10190	10190	10190	9270	18	15790						
VF 710/70R42	DW25B	745	2062	924	6094	185D	2.4	9910	9250	9250	9250	8420							12303	10268
	CFO	29.3	81.2	36.4	239.9		35	21850	20390	20390	20390	18560							27120	22640

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load										
		SW	OD					Speed										
				CFO				Not high and sustained torque; Road transport										
				15	30	15		20	25	30	35	40	45	50				
		mm	mm	mm	mm		bar	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph	kmph
800/70R32	DW27Bx32	820	1933	816	5730	185A8	2	14338	12025	9713	9620	9528	9435	9343	9250	8880	8418	
		32.3	76.1	32.1	225.6		29	31610	26510	21410	21210	21010	20800	20600	20390	19580	18560	

# AGRIFLEX 372

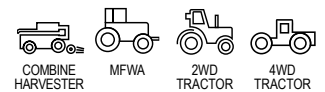
R-1W

SB

SG

STEEL BELTED

STUBBLE GUARD



The advanced Agriflex 372 Improved Flexion (IF) designed with increased sidewall flexibility enables the tire to carry (up to 20%) more load at the same pressure as compared to a standard tractor radial. It offers a significantly large footprint leading to low soil compaction and a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operation productivity. The R-1W pattern enables excellent grip as well as long tire life on hard surfaces.



## AGRIFLEX 372 CFO

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
				Not high and sustained torque; Road transport						CFO*								
				10	15	20		25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Load	Load						
		mm	mm	mm	mm		bar	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi	psi
IF 520/80R26 CFO	DW16	505	1465	651	4372	165A8	3.2	6440	5750	5280	5150					7980	6700	
		19.9	57.7	25.6	172.1		46	14190	12670	11630	11340					17580	14750	
	DW21B	606	1485	666	4418	160D	2.4	5630	5030	4610		4500	4100		6975	5850		
600/65R28 IF CFO	DW20B	23.9	58.5	26.2	173.9		35	12400	11080	10150		9910	9030		15360	12890		
	W18L																	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)								CFO*					
		Not high and sustained torque; Road transport													
		SW	OD					10	15	20	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Load	Load
mm in	mm in	6	9	12			44	15	30						
				mm in	mm in		bar psi					9	19		
IF 620/75R30 CFO	DW23B DW21B	650	1675	734	4879	164D	1.6	6250	5580	5130	–	5000	4550	7750	6500
		25.6	65.9	28.9	192.1		23	13770	12290	11300	–	11010	10020	17070	14320
IF 650/75R30 CFO	DW23B DW21B	660	1720	754	5007	166D	1.6	6630	5920	5430	–	5300	4820	8215	6890
		26	67.7	29.7	197.1		23	14600	13040	11960	–	11670	10620	18090	15180
IF 800/65R32 CFO	DW27B	775	1845	816	5449	178A8	2.4	9380	8380	7690	7500	–	–	11625	9750
		30.5	72.6	32.1	214.5		35	20660	18460	16940	16520	–	–	25610	21480
IF 800/70R32 CFO	DW27B DW25B	784	1933	857	5704	182A8	2.4	10630	9490	8710	8500	–	–	13175	11050
		30.9	76.1	33.7	224.6		35	23410	20900	19190	18720	–	–	29020	24340
IF 900/60R32 CFO	DW30B DW27B	885	1890	847	5612	192D	4	14380	12840	11790	–	11500	10470	17830	14950
						58	31670	28280	25970	–	25330	23060	39270	32930	
		34.8	74.4	33.3	220.9	188D	3.2	12500	11170	10250	–	10000	9100	15500	13000
						46	27530	24600	22580	–	22030	20040	34140	28630	
IF 1250/50R32 CFO	DH44B	1250	2080	905	6211	201B	3.2	18130	16190	14860	–	14500	–	22480	18850
		49.2	81.9	35.6	244.5		46	39970	35693	32761	–	31967	–	49560	41557
IF 650/65R34 CFO	DW23	650	1720	769	5033	161D	1.6	5780	5160	4740	–	4625	4210	7170	6010
		25.6	67.7	30.3	198.2		23	12740	11380	10450	–	10200	9280	15810	13250
IF 710/85R38 CFO	DW25B	730	2165	956	6294	178D	1.6	9380	8380	7690	–	7500	6830	11625	9750
		28.7	85.2	37.6	247.8		23	20660	18460	16940	–	16520	15040	25610	21480
IF 800/70R38 CFO	DW27B DW25B	820	2085	926	6144	184A8	2.4	11250	10050	9230	9000	–	–	13950	11700
						35	24780	22140	20330	19820	–	–	30730	25770	
		32.3	82.1	36.5	241.9	187A8	2.8	12190	10890	9990	9750	–	–	15113	12675
						41	26850	23990	22000	21480	–	–	33290	27920	
IF 900/60R38 CFO	DW30B DW31B	880	2035	897	5998	184A8	2.4	11250	10050	9230	9000	–	8190	13950	11700
		34.6	80.1	35.1	236.1		35	24780	22140	20330	19820	–	18040	30730	25770
IF 580/85R42 CFO	DW20B	595	2040	918	6047	178D	2.8	9380	8380	7690	–	7500	–	11625	9750
		23.4	80.3	36.1	238.1		41	20660	18460	16940	–	16520	–	25610	21480
IF 710/75R42 CFO	DW25B	725	2150	951	6318	176D	1.6	8880	7930	7280	–	7100	6460	11005	9230
		28.5	84.6	37.4	248.8		23	19560	17470	16040	–	15640	14230	24240	20330

Highlighted loads are for speed 50kmph / 31mph

## AGRIFLEX 372 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum RCI SRI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)								Cyclic*					
		Not high and sustained torque; Road transport													
		SW	OD					10	15	20	25 up to 40 km/h 15 up to 25 mph	25 up to 65 km/h 15 up to 40 mph	70	Press.	Load
mm in	mm in	6	9	12			44	bar psi	10						
				mm in	mm in		bar psi				6				
IF 420/85R28	W15 W14	448	1437	636	4261	145D	1.6	3630	3240	2970	–	2900	2640	2	4495
		17.6	56.6	25	167.8		23	8000	7140	6540	–	6390	5810	29	9900
IF 600/70R28	DW21B DW20B	625	1560	695	4597	164D	2.4	6250	5580	5130	–	5000	4550	3	7750
		24.6	61.4	27.4	181		35	13770	12290	11300	–	11010	10020	44	17070
IF 600/70R30	DW20	615	1610	720	4916	159D	1.6	5470	4890	4480	–	4375	3980	2	6781
						23	12050	10770	9870	–	9640	8770	29	14940	
		24.2	63.4	28.3	193.6	165D	2.4	6440	5750	5280	–	5150	4690	3	7983
						35	14190	12670	11630	–	11340	10330	44	17580	
IF 520/85R38	DW16L DW18L	540	1850	834	5482	167D	2.4	6810	6090	5590	–	5450	4960	3	8448
		21.3	72.8	32.8	215.8		35	15000	13410	12310	–	12000	10930	44	18610
IF 520/85R42	DW16L DW18L	540	1955	879	5825	169D	2.4	7250	6480	5950	–	5800	5280	3	8990
		21.3	77	34.6	229.3		35	15970	14270	13110	–	12780	11630	44	19800
IF 710/70R42 CFO	DW25B DW24B DW23B	745	2062	929	6131	179D	2.4	9690	8650	7940	–	7750	7050	3	12013
		29.3	81.2	36.6	241.4		35	21340	19050	17490	–	17070	15530	44	26460

# AGRIFLEX+ 377 R-1 SB

STEEL BELTED



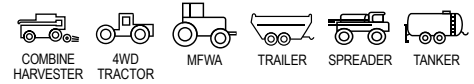
Alliance 377 is ideal for applications on combine harvesters. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to a long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index	PR Symbols	Inflation Pressure bar	Recommended Load						
		SW	OD						Speed						
									Not high and sustained torque; Road transport						
		mm	mm						mm	mm	mm	mm	mm	mm	mm
VF1050/50R32*						198			-----UNDER DEVELOPMENT-----						
VF1000/50R25*						184			-----UNDER DEVELOPMENT-----						
VF750/50R26	DW25B	754	1410	613	4247	169D	2.4	7710	6440	6210	5800	5800	5800	5280	
	DW23B	29.7	55.5	24.1	167.2		35	17000	14200	13690	12790	12790	12790	11640	

# AGRI-STAR 375 R-1W SB SG

STEEL BELTED STUBBLE GUARD



Agri-star 375 is dedicated for applications on combine harvesters, high HP tractors, big wagons, spreaders and sprayers. Specific tread pattern and tire construction enables use on multipurpose applications. The tread pattern and lugs are designed to enable a comfortable and smooth ride on hard surfaces, combined with high traction and excellent self cleaning abilities off-road. Durable and elastic sidewalls contribute to long tire life. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters.



## 375 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)										Infl. Press.	Cyclic Loading
								Combine/Harvester low torque application											
		mm in	mm in					mm in	mm in	Speed Symbol	Bar psi	10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 40
1000/50R25	36.0TH-1.5	1065	1660	753	5079	172A8/ 166D	2.4	9450	8440	6990	6740	6490	6300	6300	5300	2.9	10710		
		41.9	65.4	29.6	200		35	20810	18590	15400	14850	14300	13880	13880	11670	42	23590		
620/75R26	DW20B	625	1595	727	4816	166A8 /166B	3	7950	7100	5880	5670	5460	5300	5300	-	3.6	9010		
	DW20A	24.6	62.8	28.6	189.6		44	17510	15640	12950	12490	12030	11670	11670	-	52	19850		
1050/50R32	36VA	1030	1906	871	5807	180A8	2.2	12000	10720	8880	8560	8240	8000	-	-	2.6	13600		
		40.6	75	34.3	228.6		32	26430	23610	19560	18850	18150	17620	-	-	38	29960		
650/75R32	DW21B	650	1830	836.4	5442	172A8	3.2	9450	8440	6990	6740	6490	6300	6300	-	3.84	10710		
		25.6	72	32.9	214.3	172B	46	20810	18590	15400	14850	14300	13880	13880	-	56	23590		
800/65R32	DW27A	812	1845	845	5529	172A8	2.4	9450	8440	6990	6740	6490	6300	6300	-	2.9	10710		
		32	73.1	32.9	217.7	172B	35	20810	18590	15400	14850	14300	13880	13880	-	42	23590		
800/70R32	DW27A	780	1935	877	5706	175A8	2.4	10350	9250	7660	7380	7110	6900	6900	-	2.9	11730		
		30.7	76.2	34.5	224.7	175B	35	22800	20370	16870	16260	15660	15200	15200	-	42	25840		
900/60R32	DW25	910	1905	844	5673	176A8	2.4	10650	9510	7880	7600	7310	7100	7100	-	2.9	12070		
		35.8	75	33.2	223.3	176B	35	23460	20950	17360	16740	16100	15640	15640	-	42	26590		
900/75R32	DW27B					182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830		
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870		
900/75R32	DW28B	940	2155	963	6377	190A8	3.2	15900	14200	11770	11340	10920	10600	-	-	3.8	18020		
		DH31H	37	84.8	37.9	251.1		46	35020	31280	25930	24980	24050	23350	-	-	56	39690	
620/75R34	DW25	610	1820	828	5435	170A8	3.2	9000	8040	6660	6420	6180	6000	6000	-	3.8	10200		
		DW18A	24	71.7	32.6	214	170B	46	19820	17710	14670	14140	13610	13220	13220	-	56	22470	
710/75R34	DW23A	720	1945	880	5789	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750		
		DW21A	28.3	76.6	34.6	227.9	178B	46	24780	22140	18350	17690	17030	16520	13220	-	56	28080	



# 375 TRACTOR

Size	Rim	Unloaded dimension		Loaded	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD	Static				Speed, km/h (mph)									
				Radius				Not high and sustained torque; Road transport									
		mm in	mm in	mm in				mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	65 40
														10 6	20 12	10 6	
1000/50R25	36.0HT-1.5	1060	1650	762	5079	172A8 172B	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		41.7	65	30	200		35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
620/75R26	DW20B	625	1595	727	4816	166A8	3	12190	7950	5880	5670	5300	5300	-	7420	6360	5670
	DW20A	24.6	62.8	28.6	189.6	166B	44	26850	17510	12950	12490	11670	11670	-	16340	14010	12490
	DW18L																
1050/50R32	36VA	1030	1906	871	5807	180A8	2.2	18400	12000	8880	8560	8000	-	11200	9600	8560	
		40.6	75	34.3	228.6		32	40530	26430	19560	18850	17620	-	24670	21150	18850	
650/75R32	DW21B	650	1830	836.4	5442	172A8 172B	3.2	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		25.6	72	32.9	214.3		46	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
800/65R32	DW27A	812	1845	845	5529	172A8 172B	2.4	14490	9450	6990	6740	6300	6300	-	8820	7560	6740
		32	72.6	33.3	217.7		35	31920	20810	15400	14850	13880	13880	-	19430	16650	14850
900/60R32	DW27B	910	1905	844	5673	176A8	2.4	16330	10650	7880	7600	7100	7100	-	9940	8520	7600
		35.8	75	33.2	223.3	176B	35	35970	23460	17360	16740	15640	15640	-	21890	18770	16740
						182D	3.2	19550	10070	9780	9520	9310	8930	8500	13030	11170	9960
						185A8	46	43060	22180	21540	20970	20510	19670	18720	28700	24600	21940
620/75R34	DW20A	610	1820	828	5435	170A8 170B	3.2	13800	9000	6660	6420	6000	6000	-	8400	7200	6420
		24	71.7	32.6	214		46	30400	19820	14670	14140	13220	13220	-	18500	15860	14140
710/75R34	DW23A	720	1945	880	5789	178A8 178B	3.2	17250	11250	8330	8030	7500	7500	-	10500	9000	8030
		28.3	76.6	34.6	227.9		46	38000	24780	18350	17690	16520	16520	-	23130	19820	17690
520/85R46 (DES.375)	DW16 W15 DW18L	530	2050	941.2	6114	158A8	1.6	9780	6380	4720	4550	4250	3870	-	5950	5100	4550
						155B	23	21560	14070	10410	10030	9370	8530	-	13120	11240	10030

# MULTISTAR 376



STUBBLE  
GUARD

STEEL  
BELTED



Multistar 376 is dedicated to work on High Power Tractors, Combine Harvesters, Big Wagons and Spreaders. Specific tread pattern and tire construction enables wide multipurpose applications. Tread pattern with moderate non skid depth, and slightly round shoulders enables comfortable and smooth run on hard surfaces, as well as high traction and good self cleaning in the fields. Strong casing reinforced by steel belts guarantee stable tire dimensions, high puncture protection and huge tire to soil contact area. Long tread life is provided by special Stubble Guard rubber compound, and durable sidewall compound.



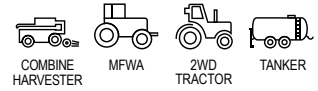
## 376 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Combine/Harvester low torque application									
								10 6	15 9	25 16	30 19	35 22	40 25	50 31	65 40	bar psi	10 6
750/50R26	DW25B	751	1420	642	4319	151D	2.4	6190	5530	4580	4410	4250	4125	3750	3420	2.9	7010
	DW23B	29.6	55.9	25.3	170	157A8	35	13630	12180	10090	9710	9360	9090	8260	7530	42	15440
1050/50R32	36VA	1050	1870	833	5656	185A8	3.2	13880	12400	10270	9900	9530	9250	8930	8500	3.8	15730
		41.3	73.6	32.8	222.7	182D	46	30570	27310	22620	21810	20990	20370	19670	18720	56	34650
680/85R32	DW21B	660	1960	882	5823	178A8	3.2	11250	10050	8330	8030	7730	7500	7500	-	3.8	12750
		26	77.2	34.7	229.3		46	24780	22140	18350	17690	17030	16520	16520	-	56	28080
900/60R32	DW27B DW28B DW30B	869 34.1	1894 74.7	850 33.5	5645 222.3	176D	2.4	10650	9510	8410	8170	7950	7770	7460	7100	2.9	12070
							35	23460	20950	18520	18000	17510	17110	16430	15640	42	26590
						182D	3.2	12750	11390	10070	9780	9520	9310	8930	8500	3.8	15830
						185A8	46	28080	25090	22180	21540	20970	20510	19670	18720	56	34870
						191D	4.4	17180	14600	12920	12540	-	11940	11450	10900	5	18530
						194A8	64	37880	32190	28480	27650	-	26320	25240	24030	73	40850

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					CFO									
								15 9	30 19	10 6	15 9	20 12	40 25				
IF 1050/50R32 CFO	36VA	1050	1860	833	5656	195A8	4	18830	15800	15190	13570	12450	12150				
		41.3	73.2	32.8	222.7		58	41510	34830	33490	29920	27450	26790				

## 376 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		Not high and sustained torque; Road transport										Field operation						
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
900/60R32	DW27B	865 34.1	1898 74.7	852 33.5	5645 222.3	176D	2.4	16330	10650	8410	7210	7770	7460	7100	9940	8520	7600	
							35	35970	23460	18520	15880	17110	16430	15640	21890	18770	16740	
						182D	3.2	19550	12750	10070	8630	9270	8930	8500	12980	11120	9920	
						185A8	46	43060	28080	22180	19010	20420	19670	18720	28590	24490	21850	
1050/50R32	36VA	1050 41.3	1870 73.6	833 32.8	5656 222.7	185A8	3.2	21280	13880	10270	9900	9250	8930	8500	12950	11100	9900	
						182D	46	46870	30570	22620	21810	20370	19670	18720	28520	24450	21810	
620/70R46	DW20B	620 24.4	2060 81.1	940 37	6140 241.7	159D	1.6	10060	6560	5180	4440	4750	4590	4375	6650	5700	5080	
						162A8	23	22160	14450	11410	9780	10460	10110	9640	14650	12560	11190	



Alliance 360 is an extra wide agricultural tractor drive radial tire for harvester applications. It is characterized by increased load capacity for the same inflation pressure. Low inflation pressure combined with large footprint reduces soil compaction. A special stubble guard tread rubber compound contributes to long and efficient work on harvesters. The tire traction efficiency is increased by an effective traction/slip characteristic. Low angled lugs at the shoulder area improve traction, while higher angles around the tire center line improve ride comfort. Strong radial construction with reinforced beads and sidewalls provide long tire life.



### 360 COMBINE HARVESTER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	Combine/Harvester low torque application								Inf. Press.	Cyclic Loading		
				Static	10			25	30	40	50			bar psi	10
#800/65R32	DW27	800	1850	825	5533	181A8	3.6	18980	12380	9160	8830	8250	7510	4.3	14030
		31.5	72.8	32.5	217.8	178B	52	41840	27290	20190	19470	18190	16560	63	30900

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Load index speed Sym	Inf. press.	Recommend load, kg (lbs)											
		SW	OD							Free rolling					Drive wheel						
		mm in	mm in	mm in	mm in					mm in	mm in	10	25	30	40	Cyclic	10	25	30	40	Cyclic
540/65R30	W16L	560	1486	670	4421	-	168A8	2.4	7840	6660	6270	5600	9410	5600	4760	4480	4000	8010			
	W18L	22	58.5	26.4	174		156A8	35	17270	14670	13810	12330	20730	12330	10480	9870	8810	17640			

### 360 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Inf. press.	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)					Field operation						
		mm in	mm in	mm in	mm in			mm in	mm in	Not high and sustained torque; Road transport					Field operation				
										Static	10	25	30	40	50	10	20	10	
620/75R26	DW20B	625	1590	716	4685	167A8	3.2	12540	8180	6050	5830	5450	5000	7630	6540	5830			
		24.6	62.6	28.2	184.4	164B	46	27620	18020	13330	12840	12000	11010	16810	14410	12840			
750/65R26 (28LR26)	DW25A DW23A	751 29.6	1623 63.9	723 28.5	4817 189.6	158A8	1.2	9780	6380	4720	4550	4250	3870	5950	5100	4550			
						155B	17	21540	14050	10400	10020	9360	8520	13110	11230	10020			
						166A8	2.4	12190	7950	5880	5670	5300	4820	7420	6360	5670			
						163B	35	26850	17510	12950	12490	11670	10620	16340	14010	12490			
						173A8	3	14950	9750	7220	6960	6500	5920	9100	7800	6960			
						170B	44	32930	21480	15900	15330	14320	13040	20040	17180	15330			
540/65R28	W16	550	1413	637	4166	137A8	1.2	5290	3450	2550	2460	2300	2090	3220	2760	2460			
	W15L	21.7	55.6	25.1	164	134B	17	11650	7600	5620	5420	5070	4600	7090	6080	5420			
24.5R32	DW21A	622	1800	801	5264	**													
	DW20A	24.5	70.9	31.5	207.2	159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680			
650/75R32	DW20A	24.6	70.9	31.5	210.9	156B	23	22160	14450	10700	10310	9640	8770	13500	11560	10310			
						172A8	3.2	14490	9450	6990	6740	6300	6300	8820	7560	6740			
						172B	46	31920	20810	15400	14850	13880	13880	19430	16650	14850			
						159A8	1.6	10060	6560	4860	4680	4375	3980	6130	5250	4680			
30.5LR32	DH27 DW27A Reinforced Rim	775 30.5	1820 71.7	809 31.9	5474 215.5	**													
						167A8	1.6	12540	8180	6050	5830	5450	4960	7630	6540	5830			
						164B	23	27620	18020	13330	12840	12000	10930	16810	14410	12840			
						***													
						170A8	2	13800	9000	6660	6420	6000	5460	8400	7200	6420			
						167B	29	30400	19820	14670	14140	13220	12030	18500	15860	14140			
						173A8	2.4	14950	9750	7220	6960	6500	5920	9100	7800	6960			
170B	35	32930	21480	15900	15330	14320	13040	20040	17180	15330									
178A8	3.1	17250	11250	8330	8030	7500	6830	10500	9000	8030									
175B	45	38000	24780	18350	17690	16520	15040	23130	19820	17690									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Not high and sustained torque; Road transport						Field operation		
														Low Torque		High Tor
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6	
600/65R38	W18L	591	1745	795	5318	147A8	1.2	7070	4610	3410	3290	3075	2800	4310	3690	3290
	W16L	23.3	68.7	31.3	209.4	144A8	17	15570	10150	7510	7250	6770	6170	9490	8130	7250
650/65R38	DW20A	645	1835	830	5500	154A8	1.2	8630	5630	4160	4010	3750	3410	5250	4500	4010
						151B	17	19010	12400	9160	8830	8260	7510	11560	9910	8830
						178A8	3.5	17250	11250	8330	8030	7500	6890	10500	9000	8030
						175B	51	38000	24780	18350	17690	16520	15180	23130	19820	17690
620/70R42	DW20 DW18	650	1940	865	5781	166A8	1.9	12190	7950	5880	5670	5300	4820	7420	6360	5670
						163B	2.8	26850	17510	12950	12490	11670	10620	16340	14010	12490
						173A8	2.7	14950	9750	7220	6960	6500	5920	9100	7800	6960
						170B	39	32930	21480	15900	15330	14320	13040	20040	17180	15330
650/65R42	DW20	650	1940	883	5869	170A8	3.2	13800	9000	6660	6420	6000	5460	8400	7200	6420
	DW18	25.6	76.4	34.8	231.1	167 B	46	30400	19820	14670	14140	13220	12030	18500	15860	14140

### 360 TRACTOR RADIAL HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								1) Not high and sustained torque; 2) Road transport									
								Non cyclic operation					Cyclic operation				
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9			
480/65R24	W15	479	1234	555	3633	133D	1.6	2370	2440	2260	2160	2060	1870	2	3500	3190	
	W14L	18.9	48.6	21.9	143	136A8	23	5220	5370	4980	4760	4540	4120	29	7710	7030	
600/65R28	W18L W16L	591	1480	655	4481	150A8	1.8	3450	3560	3290	3150	3000	2730	2.3	5100	4650	
						146D	26	7600	7840	7250	6940	6610	6010	33	11230	10240	
						157A8	2.4	4310	4440	4110	3940	3750	3410	3	6380	5810	
						154D	35	9490	9780	9050	8680	8260	7510	44	14050	12800	
650/75R32	DW21A DW20A	625	1800	801	5357	172D	3.2	7250	7470	6900	6620	6300	5730	4	10710	9770	
						175A8	46	15970	16450	15200	14580	13880	12620	58	23590	21520	
						159A8*	-----UNDER DEVELOPMENT-----										
800/65R32	DW27B DH25B DH27B	800	1850	825	5533	166D	1.6	6100	6280	5800	5570	5300	4820	2	9010	8220	
						169A8	23	13440	13830	12780	12270	11670	10620	29	19850	18110	
						173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080	
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200	
						175D	Reinforced Rim	3.1	7940	8180	7560	7250	6900	6280	3.9	11730	10700
						178A8		45	17490	18020	16650	15970	15200	13830	57	25840	23570
540/65R38	W16L	550	1675	767	4987	147D	1.6	3540	3640	3370	3230	3075	2800	2	5230	4770	
	W18L	21.7	65.9	30.2	196.3	150A8	23	7800	8020	7420	7110	6770	6170	29	11520	10510	
650/65R38	DW20A	645	1835	733	5009	171D	3.5	7070	7290	6730	6460	6150	5600	4.4	10460	9530	
		25.4	72.2	28.9	197.2	51	15570	16060	14820	14230	13550	12330	63	23040	20990		
710/70R38	DW23A	716	1948	877	5897	166D	1.6	6100	6280	5570	5570	5300	4820	2	9010	8220	
						168A8	23	13440	13830	12270	12270	11670	10620	29	19850	18110	
						171D	2.4	7070	7290	6730	6460	6150	5600	3	10460	9530	
						174A8	35	15570	16060	14820	14230	13550	12330	44	23040	20990	
						178D	2.8	8630	8890	8210	7880	7500	6830	3.5	12750	11630	
181A8	41	19010	19580	18080	17360	16520	15040	51	28080	25620							

# YIELD MASTER 349 R-1

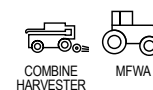


Yield Master 349 is constructed with robust nylon casing and a strong bead to guard the tire against mechanical failures under tough working environments. This is a premium bias harvester tire. The 23° lug angle enables high overall traction and even wear, saving time and fuel in the field. The close lug spacing of the tire reduces vibration. The tire's long tread bar design enables more grip and better ground contact.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press.	Recommended load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in						mm in	mm in	Static	10 6	20 12
23.1-26	DW20B	592	1605	722	4730	14	156A6	2	9200	5600	4800	4280	4000
		23.3	63.2	28.4	186.2	16	159A6	2.3	20280	12350	10580	9440	8820
28L-26	DW25A	725	1630	725	4767	12	-	1.4	3350	-	-	-	-
		28.5	64.2	28.5	187.7	12	-	20	7380	-	-	-	-
30.5L-32	DW27A	775	1845	827	5421	12	-	1.4	-	-	-	-	4240
		30.5	72.6	32.6	213.4	12	-	20	-	-	-	-	9350
		166A6	1.7	-	-	-	-	-	5300				
		170A6	2.1	-	-	-	-	-	6000				
							30	-	-	-	-	13220	

# 570 R-1



Alliance 570 is specially designed for Combine Harvester rear axle as either a free rolling or drive wheel. The tire is built to provide high load carrying capability at low inflation pressure thus applying minimum ground pressure and reducing soil damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Free rolling					Drive Wheel				
		mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	30 19	40 25	Cyclic	10 6	25 16	30 19	40 25	Cyclic
500/70R24 IMP	W16L	495	1312	569	3905	164A8 (FR)	2.8	7000	5950	5600	5000	8400	5430	4610	4340	3875	7760
	W15L	19.5	51.7	22.4	153.7	155A8 (DW)	41	15420	13110	12330	11010	18500	11010	10150	9560	8540	17090
500/85R24 IMP	W16L	528	1458	625	4365	171A8 (FR)	2.8	8610	7320	6890	6150	10330	5950	5060	4760	4250	8510
	W15L	20.8	57.4	24.6	171.9	158A8 (DW)	41	18960	16120	15180	13550	22750	13550	11150	10480	9360	18740
500/85R30 IMP	W16L	505	1602	698	4802	176A8 (FR)	2.8	9940	8450	7950	7100	11930	8400	7140	6720	6000	12010
	W15L	19.9	63.1	27.5	189	170A8 (DW)	41	21890	18610	17510	15640	26280	15640	15730	14800	13220	26450
620/70R30 IMP	DW20B	608	1622	727	4835	178A8 (FR)	2.5	10500	8930	8400	7500	12600	7420	6310	5940	5300	10610
	DW18L	23.9	63.9	28.6	190.4	166A8 (DW)	36	23130	19670	18500	16520	27750	16520	13900	13080	11670	23370



# 336

IMP



Alliance 336 is tough cross ply tire for implement as well as mid range combine harvesters. It provides better traction , self cleaning with higher stability. This tire needs low maintenance time due to minimum wear leading longer life.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl. Press.	Recommended Load									
		Speed, km/h (mph)															
		Drive wheel						Free rolling									
		SW	OD					10	20	25	30	40	10	20	25	30	40
360/80-20 (14.5/75-20)	W11	358	1100	486	3235	8PR	2.3	2520	2265	2140	2015	1800	3605	3245	3065	2885	2575
		14.1	43.3	19.1	127.4	141A8	33	5560	4990	4720	4440	3970	7950	7150	6760	6360	5680
128A8																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press	Recommended load , kg (lbs)					
		Speed, km/h (mph)											
		Static						10	20	30	40	50	
		mm	in					6	12	19	25	31	
23.1-26	DW20	586	1605	702	4648	14	2	8280	5400	4430	4000	3600	3240
		23	63.2	27.6	183			18250	11905	9765	8815	7935	7140



# AGRI TRANSPORT

# RADIAL FLOTATION

**380**

**I-3**

**SC**  
SPECIAL  
COMPOUND

**SB**  
STEEL  
BELTED

FLOTATION



Alliance 380 Implement Flotation tire provides full soil protection and flotation tire characteristics in field. The tire's high-speed steel belted radial flotation construction, combined with specific casings construction and special rubber compound enables it to run at high speed on road. Deep non-directional lug type pattern enables high mobility in field including significant traction ability as well as comfortable smooth movement on road. Heavy duty tires are best suited for tough applications compared to the standard range.



**380 HS# MPT**

**AS**  
ALL  
STEEL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)													
		SW	OD					Speed, km/h (mph)													
		mm	mm					Mixed application													
		in	in					Static	10	15	25	30	40	50	60	65	70	80	90	100	
600/50R22.5 MPT	AG20.00	608	1172	539	3610	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000	
	20.00DC	23.9	46.1	21.2	142.1			94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

# For Fertilizer Truck only.

## 380 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm	mm					Mixed application												
		in	in					Static	10	25	30	40	50	60	65	70				
560/45R22.5 STEEL BELTED	AG16.00	543	1075	485	3265	152D	4	8170	6390	5610	5360	4830	4300	3800	3550					
		21.4	42.3	19.1	128.5		58	18010	14090	12370	11820	10650	9480	8380	7830					
560/60R22.5 STEEL BELTED	AG16.00	550	1249	564	3853	169D	6	13340	10440	9160	8760	7890	7020	6210	5800					
		21.7	49.2	22.2	151.7		87	29410	23020	20190	19310	17390	15480	13690	12790					
600/50R22.5 STEEL BELTED	AG20.00	618	1172	532	3595	168D	6	12880	10080	8850	8460	7620	6780	5990	5600					
		24.3	46.1	20.9	141.5		87	28400	22220	19510	18650	16800	14950	13210	12350					
600/55R22.5	AG20.00	600	1245	564	3860			165D	5	11850	9270	8140	7780	7000	6230	5510	5150			
								162E	73	26130	20440	17950	17150	15430	13740	12150	11350			
								176D	6	16330	12780	11220	10720	9660	8590	7600	7100			
750/45R22.5 STEEL BELTED	AG24.00	745	1250	557	3843			177D	5	16790	13140	11530	11020	9930	8830	7810	7300			
								174E	73	37020	28970	25420	24300	21890	19470	17220	16090			
600/55R26.5 STEEL BELTED	AG20.00	624	1350	606	4136	173D	6	14950	11700	10270	9820	8840	7870	6960	6500					
		24.6	53.1	23.9	162.8		87	32960	25790	22640	21650	19490	17350	15340	14330					
650/55R26.5 STEEL BELTED	AG20.00	641	1367	625	4223	177D	6	16790	13140	11530	11020	9930	8830	7810	7300					
		25.2	53.8	24.6	166.3		87	37020	28970	25420	24300	21890	19470	17220	16090					
650/60R26.5 STEEL BELTED	AG20.00	664	1450	659	4458	180D	6	18400	14400	12640	12080	10880	9680	8560	8000					
		26.1	57.1	25.9	175.5		87	40570	31750	27870	26630	23990	21340	18870	17640					
650/65R26.5 STEEL BELTED	AG20.00	664	1522	697	4695	182D	6	19550	15300	13430	12840	11560	10290	9100	8500					
		26.1	59.9	27.4	184.8		87	43100	33730	29610	28310	25490	22690	20060	18740					
710/50R26.5 STEEL BELTED	AG24.00	729	1401	637	4291	179D	6	17830	13950	12250	11700	10540	9380	8290	7750					
		28.7	55.2	25.1	168.9		87	39310	30750	27010	25790	23240	20680	18280	17090					
650/65R30.5 STEEL BELTED	AG20.00	676	1628	746	5015	184D	6	20700	16200	14220	13590	12240	10890	9630	9000					
		26.6	64.1	29.4	197.4		87	45640	35720	31350	29960	26990	24010	21230	19840					
800/60R32 STEEL BELTED	DW27A	805	1800	812	5384	185D	4	21280	16650	14620	13970	12580	11190	9900	9250					
		31.7	70.9	32	212		58	46910	36710	32230	30800	27730	24670	21830	20390					

## 380 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm	mm					Mixed application												
		in	in					Static	10	25	30	40	50	60	65	70				
550/45R22.5 Steel Belted	AG16.00	550	1070	489	3275	151E	4	7940	6520	5940	5520	5000	4490	4000	3760	3450				
		21.7	42.1	19.3	128.9				58	17490	14360	13080	12160	11010	9890	8810	8280	7600		
560/60R22.5 Steel Belted	AG16.00	554	1245	559	3849	161E	4	10640	8740	7960	7400	6710	6010	5410	5040	4625				
		21.8	49	22	151.5				58	23440	19250	17530	16300	14780	13240	11920	11100	10190		

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)									
								Mixed application									
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
580/65R22.5 Steel Belted	AG16.00	585	1318	579	4072	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	-	
		23	51.9	22.8	160.3			58	26850	21010	18440	17620	15880	14120	12490	11670	-
600/50R22.5 Steel Belted	20.00DC	611	1172	528	3550	159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980	
		24.1	46.1	20.8	139.8			58	22160	17360	15220	14560	13110	11650	10310	9640	8770
600/55R22.5 Steel Belted	AG20.00	600	1245	562	3807	162E	4	10930	8980	8180	7600	6890	6180	5510	5180	4750	
		23.6	49	22.1	149.9			58	24070	19780	18020	16740	15180	13610	12140	11410	10460
620/40R22.5 Steel Belted	AG20.00	620	1072	488	3352	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-	
		24.4	42.2	19.2	132			58	19630	15370	13480	12890	11610	10330	9140	8540	-
650/50R22.5 Steel Belted	AG20.00	650	1235	554	3798	166D 163E	4	12190	9540	8370	8000	7210	6410	5670	5300	4820	
		25.6	48.6	21.8	149.5			58	26870	21030	18450	17640	15900	14130	12500	11680	10630
710/45R22.5	AG24.00	727	1210	534	3683	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690	
		28.6	47.6	21	145			58	26100	20420	17930	17140	15420	13720	12140	11340	10330
750/45R22.5 Steel Belted	AG24.00	750	1245	562	3843	166E	4	12190	10020	9130	8480	7690	6890	6150	5780	5300	
		29.5	49	22.1	151.3			58	26850	22070	20110	18680	16940	15180	13550	12730	11670
600/55R26.5 Steel Belted	AG20.00	624	1350	608	4110	165E	4	11850	10100	8860	8470	7630	6790	6000	5610	5150	
		24.6	53.1	23.9	161.8			58	26130	22270	19530	18670	16820	14970	13230	12370	11350
650/55R26.5 Steel Belted	AG20.00	645	1360	618	4165	167E	4	12540	10690	9390	8970	8080	7190	6360	5940	5450	
		25.4	53.5	24.3	164			58	27650	23570	20700	19780	17810	15850	14020	13100	12020
650/60R26.5 Steel Belted	AG20.00	660	1450	655	4432	173D	4	14950	11700	10270	9820	8840	7870	6960	6500	-	
		26	57.1	25.8	174.5			58	32930	25770	22620	21630	19470	17330	15330	14320	-
650/65R26.5 Steel Belted	AG20.00	664	1518	682	4589	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	-	
		26.1	59.8	26.9	180.7			58	33940	26560	23330	22290	20070	17860	15790	14760	-
710/50R26.5 Steel Belted	AG24.00	732	1400	629.9	4291	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460	
		28.8	55.1	24.8	168.9			58	30400	23790	20880	19960	17970	15990	14140	13220	12030
750/45R26.5	AG24.00	740	1360	618	4164	170E	4	13800	11340	10330	9600	8700	7800	6960	6540	6000	
		29.1	53.5	24.3	163.9			58	30400	24980	22750	21150	19160	17180	15330	14410	13220
750/45R26.5 Steel Belted	AG24.00	750	1360	608	4113	173D 170E	4	14950	11700	10270	9820	8840	7870	6960	6500	5920	
		29.5	53.5	23.9	161.9			58	32960	25790	22640	21650	19490	17350	15340	14330	13050
650/65R30.5 Steel Belted	AG20.00	680	1625	726	4881	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-	
		26.8	64	28.6	192.2			58	35970	28150	24710	23610	21280	18920	16740	15640	-
750/60R30.5 Steel Belted	AG24.00	767	1680	754	5145	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	7510	
		30.2	66.1	29.7	202.6			58	41810	32710	28720	27440	24710	21980	19450	18170	16540

**390** **I-2** **SB** **AS** #  
 FLOTATION STEEL BELTED ALL STEEL



Alliance 390 Heavy Duty steel belted flotation radial Implement tires belong to the Agri-Transport series combining the best of flotation characteristics with the best of radial construction to provide excellent performance both on and off road. The tires can be used for multiple machines in on/off-the-road applications. MPT tires can go upto 100 km/h and are best suited for tough applications compared to the standard range.



## 390 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW mm in	OD mm in					Speed, km/h (mph)									
								Mixed application									
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40		
560/60R22.5	AG16.00	565	1260	569	3865	169D	6	13340	10440	9160	8760	7860	7020	6210	5800		
		22.2	49.6	22.4	152.2			87	29410	23020	20190	19310	17390	15480	13690	12790	
710/65R26	DW25	730	1570	703	4741	187D	6	22430	17550	15410	14720	13260	11800	10430	9750		
		28.7	61.8	27.7	186.7			87	49450	38690	33970	32450	29230	26020	22990	21500	
600/55R26.5	AG20.00	625	1350	622	4143	173D	6	14950	11700	10270	9820	8840	7870	6960	6500		
		24.6	53.1	24.5	163.1			87	32960	25790	22640	21650	19490	17350	15340	14330	
650/55R26.5	AG20.00	665	1395	638	4273	177D	6	16790	13140	11530	11020	9930	8830	7810	7300		
		26.2	54.9	25.1	168.2			87	37020	28970	25420	24300	21890	19470	17220	16090	
710/50R26.5	AG24.00	734	1396	635	4266	179D	6	17830	13950	12250	11700	10540	9380	8290	7750		
		28.9	55	25	168			87	39310	30750	27010	25790	23240	20680	18280	17090	
600/60R30.5	AG20.00	630	1510	697	4626	178D	6	17250	13500	11850	11330	10200	9080	8030	7500		
		24.8	59.4	27.4	182.1			87	38030	29760	26130	24980	22490	20020	17700	16540	



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in	mm in	mm in	Mixed application									
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	
710/50R30.5	AG24.00	725	1502	690	4611	181D	6	18980	14850	13040	12460	11220	9980	8830	8250
		28.5	59.1	27.2	181.5			87	41840	32740	28750	27470	24740	22000	19470
750/60R30.5	AG24.00	770	1700	769	5219	190D	6	24380	19080	16750	16010	14420	12830	11340	10600
		30.3	66.9	30.3	205.5			87	53750	42060	36930	35300	31790	28290	25000

## 390 STANDARD

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
435/50R19.5*						173		-----UNDER DEVELOPMENT-----								
500/60R22.5 Steel Belted	16.00DC	510	1180	529	3616	155D	4	8910	6980	6120	5850	5270	4690	4150	3875	-
		20.1	46.5	20.8	142.4	58	19630	15370	13480	12890	11610	10330	9140	8540	-	
560/45R22.5 Steel Belted	AG 16.00	545	1078	483	3291	152D	4	8170	6390	5610	5360	4830	4300	3800	3550	-
		21.5	42.4	19	129.6	58	18000	14070	12360	11810	10640	9470	8370	7820	-	
560/60R22.5 Steel Belted	AG 16.00	572	1252	564	3840	164D	5	11500	9000	7900	7550	6800	6050	5350	5000	-
		22.5	49.3	22.2	151.2	73	25330	19820	17400	16630	14980	13340	11800	11020	-	
580/65R22.5 Steel Belted	AG16.00	582	1312	582	3984	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	-
		22.9	51.7	22.9	156.8	58	26850	21010	18440	17620	15880	14120	12490	11670	-	
600/50R22.5 Steel Belted	20.00DC	583	1171	531	3605	159E	4	10060	8270	7310	7000	6340	5690	5080	4770	4375
		23	46.1	20.9	141.9	58	22160	18220	16100	15420	13960	12530	11190	10510	9640	
28LR26 Steel Belted	DW25	727	1542	688	4520	176A8	2.8	11800	10010	8510	8010	7150	6510	-	-	-
		28.6	60.7	27.1	178	173B	41	25990	22050	18740	17640	15750	14340	-	-	-
620/75R26 (23.1R26) Steel Belted	DW20B	620	1590	707	4732	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	-
		24.4	62.6	27.8	186.3	58	33940	26560	23330	22290	20070	17860	15790	14760	-	
710/65R26 Steel Belted	DW25	710	1545	690	4708	176D	4	16330	12780	11220	10720	9660	8590	7600	7100	-
		28	60.8	27.2	185.4	58	35970	28150	24710	23610	21280	18920	16740	15640	-	
600/55R26.5 Steel Belted	AG 20.00	624	1355	613	4105	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	-
		24.6	53.3	24.1	161.6	58	26100	20420	17930	17140	15420	13720	12140	11340	-	
650/55R26.5 Steel Belted	20.00DC	660	1395	629	4266	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	-
		26	54.9	24.8	167.9	58	30400	23790	20880	19960	17970	15990	14140	13220	-	
710/50R26.5 Steel Belted	24.00DC	730	1390	627	4249	172D	4	14490	11340	9950	9510	8570	7620	6740	6300	-
		28.7	54.7	24.7	167.3	58	31920	24980	21920	20950	18880	16780	14850	13880	-	
800/45R26.5 Steel Belted	AG28.00	810	1395	630	4287	177D	5	16790	13140	11530	11020	9930	8830	7810	7300	-
		31.9	54.9	24.8	168.8	73	36980	28940	25400	24270	21870	19450	17200	16090	-	
600/60R30.5 Steel Belted	AG20.00	635	1505	693	4626	173D	5	14950	11700	10270	9820	8840	7870	6960	6500	-
		25	59.3	27.3	182.1	73	32960	25790	22640	21650	19490	17350	15340	14330	-	
710/50R30.5 Steel Belted	24.00DC	727	1495	680	4430	176D	4	16330	12780		10720	9660	8590	7600	7100	-
		28.6	58.9	26.8	174.4	58	35970	28150		23610	21280	18920	16740	15640	-	
750/60R30.5 Steel Belted	24.00DC	780	1675	756	5136	181D	4	18980	14850	13040	12460	11220	9980	8830	8250	-
		30.7	65.9	29.8	202.2	58	41810	32710	28720	27440	24710	21980	19450	18170	-	
850/50R30.5 Steel Belted	28.00DC	882	1653	742	4860	182D	4	19550	15300	13430	12840	11560	10290	9100	8500	-
		34.7	65.1	29.2	191.3	58	43060	33700	29580	28280	25460	22670	20040	18720	-	
30.5LR32 Steel Belted	DW 27A	790	1800	805	5431	181B	3	18980	13120	11300	10730	9490	8250	-	-	-
		31.1	70.9	31.7	213.8	44	41810	28900	24890	23630	20900	18170	-	-	-	
800/60R32 Steel Belted	DW 27A	794	1800	806.22	5290	184D	4	20700	16200	14220	13590	12240	10890	9630	9000	-
		31.3	70.9	32.1	208.3	181E	58	45640	35720	31350	29930	26960	24010	21230	19840	-



# 390 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in					Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50
24R20.5	18	605	1372	620	4208	176F	6	17750	12780		9590	8880	8170	7950	7810	7630	7460	7100
		23.8	54	24.4	165.7		87	39130	28180		21140	19580	18010	17530	17220	16820	16450	15650
#500/45R22.5 MPT ALL STEEL	AG16.00	508	1025	472	3158	154F	6	9380	6750	-	5060	4690	4310	4200	4130	4030	3940	3750
		20	40.4	18.6	124.3			87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680
#600/50R22.5 MPT ALL STEEL	20.00DC	585	1180	539	3605	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	141.9			87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260
620/75R26 (23.1R26) MPT	DW20B	630	1585	734	4860	172F	6	15750	11340		8510	7880	7250	7060	6930	6770	6620	6300
		24.8	62.4	28	191.343		87	34690	24980		18740	17360	15970	15550	15260	14910	14580	13880

# 382 MPT

I-2

SC  
SPECIAL COMPOUND

AS  
ALL STEEL



Alliance 382 MPT from the radial flotation tire series is designed to optimize the efficiency of agricultural transportation. The Alliance 382 is an all-steel construction tire with specific casing and special rubber compounds. Deep non-directional block type pattern enables comfortable high-speed driving on road, as well as high mobility in the fields with low resistance for on road applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circm.	LI/LS	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in					Static	10 6	20 12	25 16	30 19	40 25	50 31	60 37	65 41	70 44	80 50	90 56	100 63
400/55R22.5 MPT	13.00DC	404	1020	474	3150	146J	6	7500	5400	5050	4050	3750	3450	3360	3300	3260	3210	3120	3060	3000
					87		16520	11890	11120	8920	8260	7600	7400	7270	7180	7070	6870	6740	6610	
		15.9	40.2	18.7	3088	148F	6	7880	5670	5200	4250	3940	3620	3530	3470	3390	3310	3150	-	-
					121.6			87	17360	12490	11450	9360	8680	7970	7780	7640	7470	7290	6940	
600/50R22.5 MPT	20.00DC	600	1170	535	3587	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
		23.6	46.1	21.1	141.2			94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230

# 398 MPT

I-3

AS  
ALL STEEL



Alliance 398 MPT Flotation Radial is a unique High-Speed tire designed for performance on road as truck tires do and at the same works seamlessly on agricultural fields. The tire minimizes soil compaction and functions as a modern flotation radial tire. It boasts of an all-steel construction and is capable of higher speeds. It provides maximum traction and high flotation for field use. Its advanced tread pattern enables outstanding grip, as well as smooth and comfortable drive on road.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in					Mixed Application												
							Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62
445/65R22.5 MPT ALL STEEL	14	455	1166	532	3592	160J	6.0	11250	8100	7570	6080	5630	5180	5040	4950	4880	4820	4680	4590	4500
	13	17.9	45.9	21	141.4		87	24780	17840	16670	13390	12400	11410	11100	10900	10750	10620	10310	10110	9910
#600/50R22.5 MPT ALL STEEL	AG24.00	620	1172	541	3605	164J	6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000
	20	24.4	46.1	21.3	141.9		94	27530	19820	18550	14870	13770	12670	12330	12110	11960	11780	11450	11230	11010

# Size available in this design

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)												
		SW	OD					Speed, km/h (mph)												
		mm in	mm in	Mixed Application																
		mm in	mm in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62			
445/70R24 MPT ALL STEEL	W14L	455	1242	573	3785	151J	4.5	8630	6210	5810	4660	4310	3970	3860	3800	3740	3690	3590	3520	3450
	DW15L	17.9	48.9	22.6	149		65	19010	13680	12800	10260	9490	8740	8500	8370	8240	8130	7910	7750	7600
495/70R24 MPT ALL STEEL	W16L	512	1310	603	3849	155J	4.5	9690	6980	6520	5230	4840	4460	4340	4260	4200	4150	4030	3950	3875
	DW16L	20.2	51.6	23.6	158.1		65	21340	15370	14360	11520	10660	9820	9560	9380	9250	9140	8880	8700	8540
	W14L																			

**392**

**I-2**

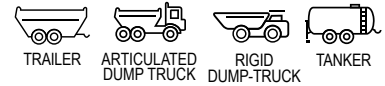
**C+C**

**AS**

FLOTATION

CUT & CHIP RESISTANT COMPOUND

ALL STEEL



392 is an all steel tire with an F speed rating for high speed agri-transport operations. High load carrying capacity, protection against cuts & punctures, low soil compaction and low rolling resistance are some of its key features. It is suitable for heavy duty applications. Its unique tread design ensures high traction in all terrains. It is suitable for sandy and soft soil operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	Mixed Application													
		mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50			
24R20.5 MPT	18	600	1372	624	4221	176F	6	17750	12780	9590	8880	8170	7950	7810	7630	7460	7100
							87	39130	28180	21140	19580	18010	17530	17220	16820	16450	15650

**391**

**HF-1**

**AS**

FLOTATION

ALL STEEL

The Alliance 391 for feeder application excels in high load carrying capacity that is provided by state of the art all steel construction, low heat build-up and good self-cleaning preventing stone trapping. The purpose built design of the sidewall contribute to sidewall protection and stability of the feeder.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in	Mixed Application															
		mm in	mm in	Bar psi	Static	10 6	15 9	25 16	30 19	40 25	50 31	60 37	65 40	70 44	80 50	90 56	100 62		
435/50R19.5*						173		-----UNDER DEVELOPMENT-----											

# 393

I-2

SB

FLOTATION

STEEL BELTED



Alliance 393 combines the best characteristics of flotation tires and radial construction in order to provide superior performance on road and in field applications.

The tire's strong fabric carcass is reinforced by steel belts. This pattern is characterized by directional block configuration ensuring the best possible self cleaning ability and assists in maintaining on-road direction. Due to its huge internal volume, the tire is also characterized by low inflation pressure of up to 3 bar (43.5 psi) promising low soil compaction for the highest possible load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Inf. Press.	Recommend load, kg (lbs)										Field Service Max Cyclic Load	
		SW	OD					Speed, km/h (mph)											
								Mixed Application										Speed	
		mm in	mm in					mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25	50 31	60
35.5LR32 (900/65R32)	DH31	925	1986	863.9	5952	190D	3	22360	15900	12560	12190	11500	11130	10760	10600	9720	17940	16330	
	DW31 DW30	36.4	78.2	34	234.7	193A8	44	49300	35050	27690	26870	25350	24540	23720	23370	21430	39510	35970	

# 388

I-3

SB

FLOTATION

STEEL BELTED



Alliance 388 is designed to meet the requirement of severe agricultural applications ranging from spreaders to special trailers (eg. for sugar cane production and implements). The directional tread pattern provides moderate traction as well as efficient self-cleaning. The tire's large soil contact area, strong rounded lugs and low inflation pressure promises low ground pressure thus minimizing soil compaction and damage. Dense lug distribution around the tire enables smooth and efficient movement on roads.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Mixed application									
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37
500/60R22.5	AG16.00	503	1172	515	3530	146D	2.8	6900	5400	4740	4530	4080	3630	3210	3000	2730	
		19.8	46.1	20.3	139	41	15200	11890	10440	9980	8990	8000	7070	6610	6010		
		155D	4	8910	6980	6120	5850	5270	4690	4150	3875	3530					
560/60R22.5	AG16.00	538	1230	545	3721	151D	2.8	7940	6210	5450	5210	4690	4170	3690	3450	3140	
		21.2	48.4	21.5	146.5	41	17490	13680	12000	11480	10330	9190	8130	7600	6920		
		156D	3.8	9200	7200	6320	6040	5440	4840	4280	4000	3640					
#600/50R22.5	AG20.00	595	1168	526	3540	156D	3.6	9200	7200	6320	6040	5440	4840	4280	4000	3640	
		23.4	46	20.7	139.4	52	20260	15860	13920	13300	11980	10660	9430	8810	8020		
		159D	4	10060	7880	6910	6610	5950	5290	4680	4375	3980					
710/45R22.5	AG24.00	711	1210	536.4	3681	156D	2.8	9200	7200	6320	6040	5440	4840	4280	4000	3640	
		28	47.6	21.1	144.9		41	20260	15860	13920	13300	11980	10660	9430	8810	8020	
600/55R26.5	AG20.00	603	1340	601	4100	165D	4	11850	9270	8140	7780	7000	6230	5510	5150	4690	
		23.7	52.8	23.7	161.4		58	26100	20420	17930	17140	15420	13720	12140	11340	10330	
650/65R26.5	20.00DC	651	1500	661	4509	165D	2.8	11850	9270	8140	7780	7000	6230	5510	5150	4690	
		25.6	59.1	26	177.5		41	26100	20420	17930	17140	15420	13720	12140	11340	10330	
750/55R26.5	AG24.00	756	1498	662	4462	164D	2.4	11500	9000	7900	7550	6800	6050	5350	5000	4550	
		29.8	59	26.1	175.7		35	25330	19820	17400	16630	14980	13330	11780	11010	10020	
600/65R34	DW20 DW18	610	1650	747.9	5101	161D	2.4	10640	8330	7310	6980	6290	5600	4950	4625	4210	
		24	65	29.4	200.8		35	23440	18350	16100	15370	13850	12330	10900	10190	9270	
		164D	2.8	11500	9000		7900	7550	6800	6050	5350	5000	4550				
							41	25330	19820	17400	16630	14980	13330	11780	11010	10020	

# not available in steel belt

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	Mixed application											
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44		
650/60R34	DW20	660 26	1650 65	760.4 29.9	5117 201.5	172D	3.6	14490	11340	9950	9510	8570	7620	6740	6300	5730	
	DW23							52	31920	24980	21920	20950	18880	16780	14850	13880	12620
	DW18							4	15870	12420	10900	10420	9380	8350	7380	6900	6280
710/55R34	DW24	712 28	1656 65.2	720 28.3	4910 193.3	169D	2.8	13340	10440	9160	8760	7890	7020	6210	5800	5280	
	DW23							41	29380	23000	20180	19300	17380	15460	13680	12780	11630
	800/50R34							DW25	800 31.5	1659 65.3	746 29.4	5088 200.3	168D	2.4	12880	10080	8850
850/45R34		DW28	843 33.2	1657 65.2	738 29.1	4849 190.6	168D	2.1							12880	10080	8850
		30							28370	22200	19490	18630	16780	14930	13190	12330	11230

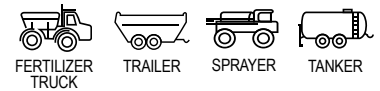
# 885

I-3

SB

FLOTATION

STEEL BELTED



The Alliance 885 is a new generation tire engineered for light duty applications like balers, grain wagons, cultivators, fast moving small agricultural trailers, wagons, grassland trailers etc. It has high load carrying capacity and working speeds and superior distribution of pressure on the surface. High crown radius provides maximum footprint area which adds to the flotation characteristic. Its large lug contact area at the center line enables smooth and comfortable run on road. Rounded shoulders cause least possible damage to soil and plants. Lower rolling resistance enhances fuel efficiency of prime movers. Strong nylon/polyester casing and strong tread compound provides higher wear resistance. A strong bead bundle with extra thick reinforced sidewall and a high turn up of plies around bead ensures excellent stability and protection against external damages.



Size	Rim	Onloaded dimension		Loaded Static	Rolling Circum	Load Index Speed Symbol	Infl. Press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	30 18	40 25	50 31	65 40	
560/45R22.5	AG16.00	543	1060	478	3260	152D	4	8170	6390	5360	4830	4300	3550
STEEL BELTED		21.4	41.7	18.8	128.3			58	18000	14070	11810	10640	9470
560/60R22.5	AG16.00	555	1230	553	3795	164D	4	11500	9000	7550	6800	6050	5000
STEEL BELTED		21.9	48.4	21.8	149.4			58	25330	19820	16630	14980	13330
580/65R22.5	AG16.00	574	1315	580	4040	166D	4	12190	9540	8000	7210	6410	5300
STEEL BELTED		22.6	51.8	22.8	159.1			58	26850	21010	17620	15880	14120
600/50R22.5	AG20.00	606	1172	532	3470	159D	4	10060	7875	6605	5950	5295	4375
STEEL BELTED		23.9	46.1	20.9	136.6			58	22180	17360	14560	13115	11675
650/50R22.5	AG 20.00	650	1235	554	3630	163D	4	11210	8780	7360	6630	5900	4875
STEEL BELTED		25.6	48.6	21.8	142.9			58	24690	19340	16210	14600	13000
710/45R22.5	AG 24.00	725	1210	535	3675	165D	4	11850	9270	7780	7000	6230	5150
STEEL BELTED		28.5	47.6	21.1	144.6			58	26100	20420	17140	15420	13720
750/45R22.5*						166D		-----UNDER DEVELOPMENT-----					
600/55R26.5	AG20	625	1345	610	3980	165D	4	11850	9270	7780	7000	6230	5150
STEEL BELTED		24.6	53	24	156.6			58	26100	20420	17140	15420	13720
650/55R26.5	AG20.00x26.5	648	1380	630	4080	170D	4	13800	10800	9060	8160	7260	6000
STEEL BELTED		25.5	54.3	24.8	160.6			58	30400	23790	19960	17970	15990
650/65R26.5	AG20x26.5	645	1519	670	4580	174D	4	15410	12060	10120	9110	8110	6700
STEEL BELTED		25.4	59.8	26.4	180.3			58	33940	26560	22290	20070	17860
710/50R26.5	AG 24.00	732	1400	629	4290	170D	4	13800	10800	9060	8160	7260	6000
STEEL BELTED		28.8	55.1	24.8	168.8			58	30400	23790	19960	17970	15990
750/45R26.5	AG 24.00	740	1360	618	4138	170D	4	13800	10800	9060	8160	7260	6000
STEEL BELTED		29.1	53.5	24.3	162.9			58	30400	23790	19960	17970	15990
800/45R26.5	AG28.00x26.5	800	1390	622.95	4216	174D	4	15410	12060	10120	9110	8110	6700
STEEL BELTED		31.5	54.7	24.5	166.0			58	33970	26590	22310	20080	17880
710/50R30.5	AG24.00	733	1490	677	4560	173D	4	14950	11700	8840	7870	6960	6500
STEEL BELTED		28.9	58.7	26.7	179.5			58	32960	25790	19490	17350	15340
750/60R30.5	AG 24.00	767	1680	754	5113	181D	4	18980	14850	12460	11220	9980	8250
STEEL BELTED		30.2	66.1	29.7	201.2			58	41810	32710	27440	24710	21980
800/45R30.5	AG28.00	790	1495	670	4597	176D	4	16330	12780	9660	8590	7600	7100
STEEL BELTED		31.1	58.9	26.4	181			58	36000	28180	21300	18940	16760

# 882

I-2

SB

FLOTATION

STEEL BELTED



Alliance 882 Implement tire combines the best characteristics of flotation tires and radial construction to provide superior performances on road and in field applications. One of its salient features is a strong fabric carcass reinforced by rigid steel belts. Its directional block configuration ensures best possible self cleaning ability and assists in keeping on/off the road travel direction. Due to its huge internal volume the tire is characterized by low inflation pressure that promises low soil compaction for very high load capacity. This tire's stiffness is increased in both radial and lateral directions by additional ply added to the basic carcass.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					Mixed application							
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
500/50R17	AG16.00	503	932	409	2833	149D	5	7480	5850	5140	4910	4420	3930	3480	3250
		19.8	36.7	16.1	111.5	146E	73	16490	12900	11330	10830	9740	8660	7670	7170
385/65R22.5	AG11.75	389	1075	493	3205	164D	9	11500	9000	7900	7550	6800	6050	5350	5000
		15.3	42.3	19.4	126.2		131	25353	19842	17416	16645	14991	13338	11795	11023
500/60R22.5	AG16x22.5	510	1180	529	3493	155D	4	8910	6980	6120	5850	5270	4690	4150	3875
		20.1	46.5	20.8	137.5		58	19630	15370	13480	12890	11610	10330	9140	8540
560/45R22.5	AG16.00	543	1076	485	3310	152D	4	8170	6390	5610	5360	4830	4300	3800	3550
		21.4	42.4	19.1	130.3		58	18000	14070	12360	11810	10640	9470	8370	7820
560/60R22.5	AG16.00	565	1244	555	3650	165D	4.2	11850	9270	8140	8320	7000	6230	5510	5150
		22.2	49	21.9	143.7		61	26100	20420	17930	18330	15420	13720	12140	11340
580/65R22.5	AG16.00	585	1326	587.8	4032	166D	4	12190	9540	8370	8000	7210	6410	5670	5300
		23	52	23.1	159		58	26850	21010	18440	17620	15880	14120	12490	11670
600/50R22.5	AG20X22.5	611	1172	527.5	3473	159E	4	10060	8590	7540	7200	6490	5770	5100	4770
							58	22180	18940	16620	15870	14310	12720	11240	10520
620/75R26 (23.1R26)*						174	-----UNDER DEVELOPMENT-----								
600/55R26.5	AG20.00	611	1333	604	4043	165D	4	11850	9270	8140	7780	7000	6230	5510	5150
							58	26130	20440	17950	17150	15430	13740	12150	11350
650/55R26.5	AG200.00	645	1389	621	4227	170D	4	13800	10800	9480	9060	8160	7260	6420	6000
							58	30420	23810	20900	19970	17990	16010	14150	13230
710/50R26.5	AG24.00	727	1383	623	4219	172D	4	14490	11340	9950	9510	8570	7620	6740	6300
							58	31950	25000	21940	20970	18890	16800	14860	13890
750/60R30.5	AG24.00	754	1675	748	5121	181D	4	18980	14850	13040	12460	11220	9980	8830	8250
							58	41840	32740	28750	27470	24740	22000	19470	18190

## FLOTMASTER 381

I-2

SB

FLOTATION

STEEL BELTED



Alliance 381 is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					Mixed application								
								Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
500/50R17 Steel belted	AG 16.00	494	950	421	2870	146D	4	6900	5400	4740	4530	4080	3630	3210	3000	2730
		19.4	37.4	16.6	113		58	15200	11890	10440	9980	8990	8000	7070	6610	6010
500/45R20 Fabric Belted	DW16X20	502	958	412	2877	157A8	4	-	5780	-	4620	4125	3712.5	-	-	-
		19.8	37.7	16.2	113.2		58	-	12716	-	10164	9075	8168	-	-	-
560/45R22.5 Steel Belted	AG 16.00	540	1080	485	3268	146D	3.2	6900	5400	4740	4530	4080	3630	3210	3000	2730
		21.3	42.5	19.1	128.7		46	15200	11890	10440	9980	8990	8000	7070	6610	6010
620/40R22.5 Steel belted	AG 20.00	612	1080	486	3295	148D	3.2	7250	5670	4980	4760	4280	3810	3370	3150	2870
		24.1	42.5	19.1	129.7		46	15970	12490	10970	10480	9430	8390	7420	6940	6320
						154D	4	8630	6750	5930	5660	5100	4540	4010	3750	3410
							58	19010	14870	13060	12470	11230	10000	8830	8260	7510



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Mixed application								
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44
		mm in	mm in													
620/50R22.5 Steel belted	AG 20.00	600	1170	520	3601	161D	4	10640	8330	7310	6980	6290	5600	4950	4625	4210
		23.6	46.1	20.5	141.8	58	23440	18350	16100	15370	13850	12330	10900	10190	9270	
710/40R22.5 Steel belted	AG 24.00	702	1161	521	3550	162D	4	10930	8550	7510	7170	6460	5750	5080	4750	4320
		27.6	45.7	20.5	139.8	58	24070	18830	16540	15790	14230	12670	11190	10460	9520	
710/50R22.5	AG24.00	710	1280	575	3880	172D	5	14490	11340	9950	9510	8570	7620	6740	6300	
						73	31920	24980	21920	20950	18880	16780	14850	13880		
620/55R26.5 Steel belted	AG 20.00	612	1356	608	4147	166D	4	12190	9540	8370	8000	7210	6410	5670	5300	4820
		24.1	53.4	23.9	163.3	58	26850	21010	18440	17620	15880	14120	12490	11670	10620	
710/50R26.5 Steel belted	AG 24.00	710	1360	610	4171	170D	4	13800	10800	9480	9060	8160	7260	6420	6000	5460
		28	53.5	24	164.2	58	30400	23790	20880	19960	17970	15990	14140	13220	12030	
800/45R26.5 Steel belted	AG 28.00	801	1374	613	4045	174D	4	15410	12060	10590	10120	9110	8110	7170	6700	6100
		31.5	54.1	24.1	159.3	58	33940	26560	23330	22290	20070	17860	15790	14760	13440	

## 381 RADIAL IMPLEMENT

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Radial Implement is a steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces like grasslands, which require optimized soil and plant protection. The unique rib type pattern, together with rounded shoulders and more aggressive lugs, enables maximum possible tires footprint and lowest possible ground pressure. The shoulder lugs, with excellent self cleaning capabilities, enable strong grip, thus preventing any excessive tire slippage and any consequent damage to the surface.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. Press	Recommend load, kg (lbs)													
		Speed, km/h (mph)						Mixed Application													
		Free rolling							Drive Wheel												
		SW	OD					bar psi	10 6	25 16	40 25	50 31	65 40	70 44	10 6	25 16	40 25	50 31	65 40	70 44	
280/70R15	W8	280	775	350	2305	137D (F.R)	5														4140
		11	30.5	13.8	90.7	125D (D.W)	73	9125	8015	6890	6140	5070	4620	6545	5740	4950	4400	3635	3305		
340/60R16.5	9.75	335	825	375	2455	147D (F.R)	5.5	5535	4860	4180	3720	3075	2800	3925	3445	2965	2630	2180	1985		
		13.2	32.5	14.8	96.7	135D (D.W)	80	12200	10715	9215	8200	6780	6170	8655	7595	6535	5800	4805	4375		
						145A8 (F.R)	5	4060	-	2900	2610	-	-	2880	-	2060	1854	-	-		
				133A8 (D.W)	73	8932	-	6380	5742	-	-	6336	-	4532	4079	-	-				
380/55R16.5	12X16.5	380	834	371	2426	148A8 (F.R)	5	4410	-	3150	2835	-	-	3140	-	2240	2016	-	-		
		15	32.8	14.6	95.5	136A8 (D.W)	73	9702	-	6930	6237	-	-	6908	-	4928	4435	-	-		

## AGRIFLEX 381

FLOTATION

I-2

SB

STEEL BELTED



Alliance 381 Agriflex is an IF steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and low ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)						Mixed application							
		SW	OD					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
		mm in	mm in												
IF 240/80R15	8LBx15	245	765	346	2319	125D	3.6	3800	2970	2610	2490	2240	2000	1770	1650
		9.6	30.1	13.6	91.3	52	8380	6550	5750	5490	4940	4410	3900	3640	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		Mixed application													
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
IF 265/85R15	8LBx15	274	832	371	2510	129D	3.24	4260	3330	2920	2790	2520	2240	1980	1850
		10.8	32.8	14.6	98.8		47	9390	7340	6440	6150	5560	4940	4370	4080
IF 280/70R15	10LBX15	278	770	345	2322	137D	4.8	5290	4140	3630	3470	3130	2780	2460	2300
		10.9	30.3	13.6	91.4		58	11650	9120	8000	7640	6890	6120	5420	5070
IF 320/70R15*							147	-----UNDER DEVELOPMENT-----							

## AGRIFLEX+ 381



FLOTATION



Alliance 381 Agriflex + is a VF steel belted radial flotation tire that has been developed to serve the needs of specific niche applications on sensitive surfaces, which require optimized soil and plant protection. The unique rib type pattern, enables a large footprint and lowest possible ground pressure. The shoulder lugs prevent any excessive tire slip and any consequent damage to the surface. It's specially designed bead area ensures better load carrying capacity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		Mixed application													
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
VF 445/50R22.5	AG14.00x22.5	437	1016	454	3123	167D	6.7	12540	9810	8610	8230	7410	6590	5830	5450
		17.2	40	17.9	123		97	27620	21610	18960	18130	16320	14520	12840	12000
340/60R16.5	9.75x16.5	335	825	356	2461	145D	5	6670	5220	4580	4380	3940	3510	3100	2900
		13.2	32.5	14	96.9		73	14710	11510	10100	9660	8690	7740	6830	6390
320/70R15	10LBx15	320	829	375	2481	145D	5	6670	5220	4580	4380	3940	3510	3100	2900
		13.2	32.5	14	96.9		73	14710	11510	10100	9660	8690	7740	6830	6390

## AGRIFLEX+ 389 (IMP)



FLOTATION



Alliance Agriflex+ 389 VF introduces the next level of innovation: the world's first VF flotation tire offers the possibility to be operated at 30% lower inflation pressure as a conventional flotation tire. Our goal at Alliance is to develop tires that solve real problems in the field. With Agriflex+ 389 we have trailer tires which allow to mirror the pressure of VF tires on today's high horsepower tractors. This significantly reduces the footprint pressure and thus results in low soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		Mixed application														
		mm in	mm in					mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
VF500/50R17	16.00x17	495	932	398	2786	150D	3.2	7040	5860	5160	4920	4460	3990	3550	3350	3120
		19.5	36.7	15.7	109.7		46	15520	12920	11380	10850	9830	8800	7830	7390	6880
VF500/60R22.5	AG16.00X22.5	503	1172	508	3533	157D	2.8	8660	7220	6350	6060	5490	4910	4370	4125	3840
		19.8	46.1	20	139.1		41	19090	15920	14000	13360	12100	10830	9630	9090	8470
VF500/60R22.5	AG16.00X22.5	503	1172	508	3533	157D	3.2	9450	7880	6930	6620	5990	5360	4770	4500	4190
		19.8	46.1	20.0	139.1		46	20830	17370	15280	14600	13210	11820	10520	9920	9240
VF 560/60R22.5 IMP	AG16.00	565	1250	538	3759	163D	2.8	10240	8530	7510	7170	6480	5800	5170	4875	4530
		22.2	49.2	21.2	148		41	22575	18805	16557	15807	14286	12787	11398	10748	9987
VF 600/55R26.5	AG20.00	629	1348	587	4064	167D	2.8	11450	9540	8390	8010	7250	6490	5780	5450	5070
		24.8	53.1	23.1	160		41	25220	21010	18480	17640	15970	14300	12730	12000	11170
VF 650/55R26.5	AG20.00	650	1384	600	4173	171D	2.8	13350	11070	9720	9290	8360	7440	6580	6150	5720
		25.6	54.5	23.6	164.3		41	29410	24380	21410	20460	18410	16390	14490	13550	12600

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
VF 650/60R26.5 IMP	AG 20.00	665	1453	622	4390	174D	2.8	14070	11730	10320	9850	8910	7970	7100	6700	6230
		26.2	57.2	24.5	172.8		41	31020	25860	22750	21720	19640	17570	15650	14770	13740
VF 710/50R26.5	AG24.00	732	1400	602	4271	173D	2.8	13650	11380	10010	9560	8650	7740	6890	6500	6050
		28.8	55.1	23.7	168.1		41	30070	25070	22050	21060	19050	17050	15180	14320	13330
VF 750/45R26.5 IMP	AG24.00	754	1360	589	4086	172D	2.8	13230	11030	9700	9260	8380	7500	6680	6300	5860
		29.7	53.5	23.2	160.9		41	29167	24317	21385	20415	18475	16535	14727	13889	12919
VF 750/60R30.5 IMP	AG24.00	780	1680	721	5071	183D	2.8	18380	15310	13480	12860	11640	10410	9280	8750	8140
		30.7	66.1	28.4	199.7		41	40521	33753	29718	28351	25662	22950	20459	19290	17946
VF 800/60R32 IMP	DW27B	800	1800	778	5465	188D	2.8	21000	17500	15400	14700	13300	11900	10600	10000	9300
		31.5	70.9	30.6	215.2		41	46300	38580	33950	32410	29320	26240	23370	22050	20500

# 881 AGRIFLEX+

I-2

AS

ALL STEEL



AGRICULTURAL IMPLEMENTS

Alliance 881 Agriflex + is a VF all steel radial flotation tire that has been developed to serve the needs of planter applications. The Agriflex technology makes it well equipped to work at lower pressures ensuring minimum soil compaction.



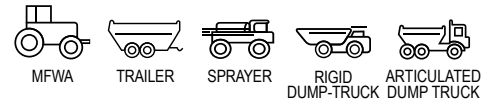
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Mixed application										
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40		
VF 245/70R19.5*						145		-----UNDER DEVELOPMENT-----								
VF 265/70R19.5*						146		-----UNDER DEVELOPMENT-----								
VF 285/70R19.5 *						150		-----UNDER DEVELOPMENT-----								
VF 385/65R22.5*						165		-----UNDER DEVELOPMENT-----								
VF255/70R22.5	7.5x22.5	247	930	407.7	2784	149D	5.4	7480	5850		4910	4420	3930	3480	3250	
							78	16490	12900		10830	9740	8660	7670	7170	
VF295/75R22.5	8.25X22.5	298	1014	452.4	3372	155D	4.8	8910	6980	6120	5850	5270	4690	4150	3875	
							70	19640	15390	13490	12900	11620	10340	9150	8540	
VF445/65R22.5	14.00X22.5	444	1150	500.8	3450	176D	5.4	16330	12780	11220	10720	9660	8590	7600	7100	
							78	36000	28180	24740	23630	21300	18940	16760	15650	

# BIAS FLOTATION

## 331

I-3

FLOTATION



Alliance 331 Heavy Duty Flotation tread design is basically a traction profile with good self cleaning characteristics suitable for on/off road agricultural service on tractors, cross country vehicles, trailers and agricultural implements. High load carrying capacity and low inflation pressure are the main characteristics of this tire. Strong nylon construction and compounds ensure long tire life. Some sizes feature special compounds or steel belts for superior performance as required by the application.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		SW	OD						Speed, km/h (mph)											
		mm in	mm in	Free rolling					Drive Wheel											
								10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31					
38x18.00-20 NHS	W14L W14LH	456 18	991 39	438 17.2	2890 113.8	12	129A8	3.7	2640	2030	1860	1750	1890	1450	1330	1250				
							127 B	54	5810	4470	4100	3850	4160	3190	2930	2750				
							118A8													
							116 B													
42x25.00-20 NHS	20.50VF	622 24.5	1080 42.5	480 18.9	3160 124.4	12	137A8	3.1	3290	2530	2310	2180	2340	1800	1640	1550				
							135 B	45	7250	5570	5090	4800	5150	3960	3610	3410				
							125A8													
							123 B													
44x18.00-20 NHS	W14L W14LH	457 18	1143 45	492 19.4	3270 128.7	4	125A8	1.4	2340	1800	1640	1550	1650	1260	1160	1090				
							123 B	20	5150	3960	3610	3410	3630	2780	2560	2400				
							113A8													
						6	111 B													
							134A8													
							132 B	2.1	3020	2320	2120	2000	2110	1620	1480	1400				
122A8	30	6650	5110	4670	4410	4650	3570	3260	3080											
120 B																				
48x25.00-20 NHS	20.50VF	635 25	1245 49	548 21.6	3620 142.5	12	151A8	3.1	4910	3770	3450	3250	3470	2670	2440	2300				
							149 B	45	10810	8300	7600	7160	7640	5880	5370	5070				
							139A8													
							137 B													
48x31.00-20 NHS	26.00VF	775 30.5	1245 49	550 21.7	3630 142.9	12	150A8	2.8	4760	3650	3340	3150	3380	2600	2370	2240				
							148 B	41	10480	8040	7360	6940	7440	5730	5220	4930				
							138A8													
							136 B													
500/45-20	16.00DC	490 19.3	950 37.4	433 17	2820 111	8	139A8	1.9	3400	2890	2430	2190	2380	2020	1700	1530				
							135 B	28	7490	6370	5350	4820	5240	4450	3740	3370				
							126A8													
						12	123B													
							147A8													
							144 B	2.8	4310	3660	3075	2770	2970	2520	2120	1910				
134A8	41	9490	8060	6770	6100	6540	5550	4670	4210											
130 B																				
500/50-20 Special Compound	16.00DC	470 18.5	990 39	452 17.8	2940 115.7	16	149A8	3.2	4550	3870	3250	2930	3220	2740	2300	2070				
							145 B	46	10020	8520	7160	6450	7090	6040	5070	4560				
							137A8													
							133 B													
500/60-22.5 Steel Belted	16.00DC	503 19.8	1172 46.1	519 20.4	3472 136.7	8	149A8	1.6	4550	3870	3250	2930	3140	2670	2240	2020				
							146 B	23	10020	8520	7160	6450	6920	5880	4930	4450				
							136A8													
							132 B													
						12	157A8													
							154 B	2.4	5780	4910	4125	3710	4060	3450	2900	2610				
							145A8	35	12730	10810	9090	8170	8940	7600	6390	5750				
							142 B													
16	163A8																			
	159 B	3.2	6830	5800	4875	4390	4830	4110	3450	3110										
	151A8	46	15040	12780	10740	9670	10640	9050	7600	6850										
	148 B																			

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		SW	OD						Speed, km/h (mph)				Drive Wheel							
		mm	mm	10	25		40	50	10	25	40	50								
		in	in	6	16		25	31	6	16	25	31								
550/45-22.5 Steel Belted	16.00DC 18.00DC 20.00DC	550	1070	488	3271	8	145A8	1.4 20	4060	3450	2900	2610	2800	2380	2000	1800				
							142 B													
							132A8													
							128 B													
	12	153A8	2.1 30	5110	4340	3650	3290	3610	3060	2575	2320									
		149 B																		
		141A8																		
		137 B																		
	16	159A8	2.8 41	6130	5210	4375	3940	4310	3660	3075	2770									
		156 B																		
		147A8																		
		143 B																		
	22	166A8	4 58	7420	6310	5300	4770	5250	4460	3750	3380									
		162B																		
		154A8																		
		150B																		
550/60-22.5	16.00DC	550	1238	540	3740	8	153A8	1.4 20	5110	4340	3650	3290	3500	2980	2500	2250				
							150 B													
							140A8													
							136 B													
							167A8													
	16	163 B	2.8 41	7630	6490	5450	4910	5250	4460	3750	3380									
		154A8																		
		150 B																		
		154A8										2.1 30	5250	4460	3750	3380	3710	3150	2650	2390
		150 B																		
142A8																				
138 B																				
160A8																				
16	157 B	2.8 41	6300	5360	4500	4050	4410	3750	3150	2840										
	148A8																			
	144 B																			
	165A8										2.6 38	7210	6130	5150	4640	5110	4340	3650	3290	
	161 B																			
153A8																				
149 B																				
164A8																				
12	160 B	2 29	7000	5950	5000	4500	4830	4110	3450	3110										
	151A8																			
	148 B																			
	169A8										2.6 38	8120	6900	5800	5220	5600	4760	4000	3600	
	166 B																			
156A8																				
153 B																				
160A8	1.7 25	6300	5360	4500	4050	4410	3750	3150	2840											
157 B																				
148A8																				
144 B																				
166A8																				
16	162 B	2.2 32	7420	6310	5300	4770	5250	4460	3750	3380										
	154A8																			
	150 B																			
	174A8										2.4 35	9380	7970	6700	6030	6650	5650	4750	4280	
	170 B																			
162A8																				
158 B																				
162A8	2.4 35	20660	17560	14760	13280	14650	12440	10460	9430											
174A8																				
170 B																				
162A8																				
158 B																				



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																	
		SW	OD						Speed, km/h (mph)																	
		mm	mm	Free rolling			Drive Wheel																			
		in	in	10	25		40	50	10	25	40	50														
		6	16	25	31	6	16	25	31																	
				mm	mm	Load index	bar																			
				in	in	speed	psi																			
						Sym																				
500/60-26.5 Steel Belted	16.00DC	500	1270	560	3838	12	158A8	2.4	5950	5060	4250	3830	4200	3570	3000	2700	158A8									
							155 B											35	13110	11150	9360	8440	9250	7860	6610	5950
							146A8																			
							143 B																			
							165A8																			
							161 B																			
153A8																										
600/50-26.5	20.00DC	600	1270	560	3694	16	165A8	3.2	7210	6130	5150	4640	5110	4340	3650	3290	165A8									
							161 B											46	15880	13500	11340	10220	11260	9560	8040	7250
							153A8																			
							149 B																			
							167A8																			
							163 B																			
155A8																										
600/55-26.5	20.00DC	591	1333	583	3928	12	165A8	2	7210	6130	5150	4640	5110	4340	3650	3290	165A8									
							161 B											29	15880	13500	11340	10220	11260	9560	8040	7250
							153A8																			
							149 B																			
							170A8																			
							167 B																			
159A8																										
700/40-26.5	24.00DC	700	1270	560	3690	8	154A8	1.1	5250	4460	3750	3380	3710	3150	2650	2390	154A8									
							150 B											16	11560	9820	8260	7440	8170	6940	5840	5260
							142A8																			
							139 B																			
							168A8																			
							164 B																			
156A8																										
700/50-26.5	24.00DC	700	1333	580	3976	16	168A8	2.2	7840	6660	5600	5040	5600	4760	4000	3600	168A8									
							164 B											32	17270	14670	12330	11100	12330	10480	8810	7930
							156A8																			
							153 B																			
							160A8																			
							156 B																			
148A8																										
800/45-26.5 Steel Belted	28.00DC	800	1393	614	4051	8	160A8	1.2	6300	5360	4500	4050	4410	3750	3150	2840	160A8									
							156 B											17	13880	11810	9910	8920	9710	8260	6940	6260
							148A8																			
							144 B																			
							174A8																			
							170 B																			
162A8																										
600/60-30.5 Steel Belted	20.00DC	600	1500	655	4340	12	162A8	2.4	9380	7970	6700	6030	6650	5650	4750	4280	162A8									
							158 B											35	20660	17560	14760	13280	14650	12440	10460	9430
							150A8																			
							146 B																			
							177A8																			
							173B																			
164A8																										
600/60-30.5 Steel Belted	20.00DC	600	1500	655	4340	8	162A8	1.1	6650	5650	4750	4280	4690	3990	3350	3020	162A8									
							158 B											16	14650	12440	10460	9430	10330	8790	7380	6650
							150A8																			
							146 B																			
							177A8																			
							173B																			
164A8																										
600/60-30.5 Steel Belted	20.00DC	600	1500	655	4340	12	158A8	1.7	8400	7140	6000	5400	5950	5060	4250	3830	158A8									
							155 B											25	18500	15730	13220	11890	13110	11150	9360	8440
							177A8																			
							173B																			
							164A8																			
							160 B																			
159A8																										
600/60-30.5 Steel Belted	20.00DC	600	1500	655	4340	8	159A8	1.3	6130	5210	4375	3940	4310	3660	3075	2770	159A8									
							156 B											19	13500	11480	9640	8680	9490	8060	6770	6100
							147A8																			
							143 B																			
							169A8																			
							165 B																			
156A8																										
600/60-30.5 Steel Belted	20.00DC	600	1500	655	4340	12	169A8	2	8120	6900	5800	5450	5600	4760	4000	3600	169A8									
							165 B											29	17890	15200	12780	12000	12330	10480	8810	7930
							156A8																			
							152 B																			
							174A8																			
							170 B																			
161A8																										
600/60-30.5 Steel Belted	20.00DC	600	1500	655	4340	16	174A8	2.6	9380	7970	6700	5450	6480	5500	4625	4160	174A8									
							170 B											38	20660	17560	14760	12000	14270	12110	10190	9160
161A8																										
157 B																										

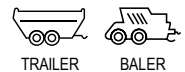
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Free rolling				Drive Wheel			
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
700/50-30.5 Steel Belted	24.00DC	700 27.6	1500 59	650 25.6	4380 172.4	16	176A8	2.2 32	9940 21890	8450 18610	7100 15640	5450 12000	6830 15040	5800 12780	4875 10740	4390 9670
							172 B									
							163A8									
							159 B									
800/45-30.5 Steel Belted	28.00DC	800 31.5	1500 59.1	655 25.8	4561 179.6	16	179A8	2.2 32	10850 23900	9220 20310	7750 17070	5450 12000	7630 16810	6490 14300	5450 12000	4910 10810
							175 B									
							167A8									
							163 B									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Mixed application								
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
600/40-22.5	AG20.00x22.5	600 23.6	1090 42.9	505 19.9	3356 132.1	169A8	6	9570	8990	7710	7310	6900	6500	6150	5800	5220
						173A6	87	21100	19820	17000	16120	15210	14330	13560	12790	11510

## 331 RADIAL SB STEEL BELTED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Mixed application					
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	
600/45R22.5 Steel Belted	20 AG20.00	608 23.9	1152 45.4	511 20.1	3502 137.9	165A8	4	12100	7210	6130	5770	5150	4640
						161B	58	26650	15880	13500	12710	11340	10220
710/50R30.5 Steel Belted	AG 24.00	700 27.6	1500 59.1	674 26.5	4538 178.7	176D	4 58	16330 35970	12780 28150	11220 24710	10720 23610	9660 21280	8590 18920

## 328 I-3 FLOTATION



Alliance 328 HS (High Speed Flotation) is designed with good self-cleaning characteristics, which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance both, on and off-road. The tire is available in heavy and regular duty versions of flotation tires. Its strong nylon construction and compounds ensure long life.



## 328 HIGH SPEED

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling							
		SW	OD						Recommend load, kg (lbs)							
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44
500/45-22.5	16.00DC	500 19.7	1030 40.6	475.9 18.7	3088 121.6		149D	3.6	5850	5360	4910	4420	3930	3480	3250	2960
							146E	52	12900	11820	10830	9740	8660	7670	7170	6530
500/60-22.5	AG16.00	500 19.7	1170 46.1	510 20.1	3537 139.3	8	142 D	1.6	4550	4100	3640	3250	2930	2760	2680	2575
							141 E	23	10020	9030	8020	7160	6450	6080	5900	5670
						12	150 D	2.4	5780	5200	4620	4125	3710	3510	3400	3250
							149 E	35	12730	11450	10180	9090	8170	7730	7490	7160
16	156 D	3.2	6790	6110	5430	4850	4370	4120	4000	3875						
	155 E	46	14960	13460	11960	10680	9630	9070	8810	8540						
550/45-22.5	16.00DC	550 21.7	1070 42.1	476 18.7	3175 125	16	151 E	2.8	6130	5510	4900	4375	3940	3720	3610	3450
	156 B						41	13500	12140	10790	9640	8680	8190	7950	7600	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling														
		SW	OD						Recommend load, kg (lbs)														
		mm in	mm in	Speed, km/h (mph)																			
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44							
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3765 148.2	8	146D	⊙→	1.4	5110	4600	4090	3650	3290	3100	3010	2900						
							145 E		20	11260	10130	9010	8040	7250	6830	6630	6390						
						12	154D	⊙→	2.1	6300	5670	5040	4500	4050	3830	3710	3650						
							153 E		30	13880	12490	11100	9910	8920	8440	8170	8040						
						16	160D	⊙→	2.8	7630	6870	6100	5450	4910	4630	4500	4375						
							159 E		41	16810	15130	13440	12000	10810	10200	9910	9640						
						20	166D	⊙→	3.6	8990	8090	7190	6420	5780	5460	5300	-						
									52	19800	17820	15840	14140	12730	12030	11670	-						
						600/50-22.5	AG 20.00	600 23.6	1170 46.1	520 20.5	3450 135.8	8	145 D	⊙→	1.3	4830	4350	3860	3450	3110	2930	2850	2800
													144 E		19	10640	9580	8500	7600	6850	6450	6280	6170
12	153 D	⊙→	2	6130	5510							4900	4375	3940	3720	3610	3550						
	152 E		29	13500	12140							10790	9640	8680	8190	7950	7820						
16	158 D	⊙→	2.6	7210	6490							5770	5150	4640	4380	4250	4125						
	157 E		38	15880	14300							12710	11340	10220	9650	9360	9090						
600/55-22.5	AG20.00	600 23.6	1270 50	550 21.7	3830 150.8	8	149 D	⊙→	1.4	5600	5040	4480	4000	3600	3400	3300	3150						
							148 E		20	12330	11100	9870	8810	7930	7490	7270	6940						
						12	157 D	⊙→	2.1	7000	6300	5600	5000	4500	4250	4130	4000						
							156 E		30	15420	13880	12330	11010	9910	9360	9100	8810						
						16	162 D	⊙→	2.8	8120	7310	6500	5800	5220	4930	4790	4625						
							161 E		41	17890	16100	14320	12780	11500	10860	10550	10190						
700/40-22.5	AG24.00	700 27.6	1170 46.1	510 20.1	3486 137.3	8	145 D	⊙→	1.1	4970	4470	3980	3550	3200	3020	2930	2800						
							144 E		16	10950	9850	8770	7820	7050	6650	6450	6170						
						12	153 D	⊙→	2	6300	5670	5040	4500	4050	3830	3710	3550						
							152 E		29	13880	12490	11100	9910	8920	8440	8170	7820						
						16	159 D	⊙→	2.6	7420	6680	5940	5300	4770	4510	4370	4250						
							158 E		38	16340	14710	13080	11670	10510	9930	9630	9360						
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3790 149.2	8	152E	⊙→	1.2	6130	5510	4900	4375	3940	3720	3610	3550						
							156 B		17	13500	12140	10790	9640	8680	8190	7950	7820						
						12	160 E	⊙→	2.2	7840	7060	6270	5600	5040	4760	4620	4500						
							164 B		32	17270	15550	13810	12330	11100	10480	10180	9910						
						16	166 E	⊙→	2.8	9380	8440	7500	6700	6030	5700	5530	5300						
							167D		41	20660	18590	16520	14760	13280	12560	12180	11670						
800/35-22.5	28.00DC	790	1170	525	3473	16	162D	⊙→	2.6	8120	7310	6500	5800	5220	4930	4750	-						
	24.00DC	31.1	46.1	20.7	136.7		169A8		38	17890	16100	14320	12780	11500	10860	10460	-						
600/55-26.5	20.00DC	600 23.6	1333 52.5	580 22.8	3850 151.6	8	149C	⊙→	1.3	5600	5040	4480	4000	3600	3250	-	-						
							153B		19	12330	11100	9870	8810	7930	7160	-	-						
						12	157C	⊙→	2	7210	6490	5770	5150	4640	4125	-	-						
							161B		29	15880	14300	12710	11340	10220	9090	-	-						
						16	163C	⊙→	2.6	8400	7560	6720	6000	5400	4875	-	-						
							167B		38	18500	16650	14800	13220	11890	10740	-	-						
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	8	153 C	⊙→	1.2	6300	5670	5040	4500	4050	3650	-	-						
							156 B		17	13880	12490	11100	9910	8920	8040	-	-						
						12	161 C	⊙→	1.8	8120	7310	6500	5800	5220	4625	-	-						
							165 B		26	17890	16100	14320	12780	11500	10190	-	-						
						16	166C	⊙→	2.4	9380	8440	7500	6700	6030	5300	-	-						
							170B		35	20660	18590	16520	14760	1328	11670	-	-						
750/60-30.5 Special for high speed implement	24.00DC	750	1670	720	5040	16	172D	⊙→	2.5	11340	10400	9510	8570	7620	6740	6300	-						
		29.5	65.7	28.3	198.4		179B		36	24980	22910	20950	18880	3460	14850	13880	-						

# 328 HEAVY DUTY FLOTATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	
700/40-22.5	24.00 DC	700	1230	559	3486	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850	
		27.6	48.4	22	137.3	175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890	
						173A8											
700/50-22.5 for bailer app. free rolling	24.00 DC	700	1270	550	3790	16											
						174A8	2.8	11060	10390	8910	8440	7970	7500	7040	6700	6030	
						170 B	41	24360	22890	19630	18590	17560	16520	15510	14760	13280	
						162A8											
						158B											

# 328 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)				Speed, km/h (mph)			
		mm in	mm in						Free rolling				Drive Wheel			
		mm in	mm in	mm in	mm in		bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
#400/55-17.5	AG11.75x17.5	393	902	425	2574	16	149A8	4	3140	2820	2670	2240	2016	4550	3870	3250
		15.5	35.5	16.7	101.3		136A8	58	6920	6220	5890	4940	4450	10030	8530	7170
#400/55-22.5	13.00DC x22.5	401	1030	455	3110	12	146A8									
						143 B	3	4200	3570	3000	2700	2970	2520	2120	1910	
						134A8	44	9250	7860	6610	5950	6540	5550	4670	4210	
						130 B										
						152A8										
						16	149 B	4	3500	2980	2500	2250	4970	4220	3550	3200
140A8	58	7720	6570	5510	4960	10960	9300	7830	7060							
136 B																
400/60-22.5	11.75	400	1070	472	3140	18	154A8	4.5	5600	4760	4000	3600	3920	3330	2800	2520
						144A8	65	12320	10494	8800	7920	8624	7326	6160	5544	
500/45-22.5 Steel Belted	16.00DC	500	1030	455	3000	12	160A8									
						148A8	4.3	6300	5350	4500	4000	4410	3750	3150	2800	
						144B	62	13890	11795	9920	8820	9720	8265	6945	6170	
						148A8										
						148B	2.7	4410	3750	3150	2840	3140	2670	2240	2020	
						136A8	39	9710	8260	6940	6260	6920	5880	4930	4450	
#500/45-22.5	AG16.00 x22.5	500	1030	455	3153	16	132B									
						154A8										
						150B	3.6	5250	4460	3750	3380	3710	3150	2650	2390	
						142A8	52	11560	9820	8260	7440	8170	6940	5840	5260	
						138B										
						18	157A8	4.2	5780	4910	4125	3712.5	4060	3450	2900	2610
145A8	61	12716	10802	9075	8168	8932	7590	6380	5742							
500/60-22.5	16.00DC	500	1170	510	3537	18	157A8	4.2	4060	3450	2900	2610	5780	4910	4125	3710
						145A8	61	8950	7610	6390	5750	12740	10830	9090	8180	
						8	136A8	1.6	4550	3870	3250	2930	3140	2670	2240	2020
						132 B	23	10020	8520	7160	6450	6920	5880	4930	4450	
						12	157A8									
						154 B	2.4	5780	4910	4125	3710	4060	3450	2900	2610	
						145A8	35	12730	10810	9090	8170	8940	7600	6390	5750	
						142 B										
						16	163A8									
						159 B	3.2	6830	5800	4875	4390	4830	4110	3450	3110	
						151A8	46	15040	12780	10740	9670	10640	9050	7600	6850	
						148 B										
18	165A8															
161B	3.6	7210	6130	5150	4640	5110	4340	3650	3285							
153A8	52	15862	13486	11330	10208	11242	9548	8030	7227							
149B																

Size with # is available in C marked which is best fit for sugarcane application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	10 6	25 16				40 25	50 31	10 6	25 16	40 25	50 31			
				Load index	Speed Sym				bar psi								
#500/60-22.5	16.00DC x22.5	500 19.7	1170 46.1	510 20.1	3530 139	16	163A8	3.6	4830	4110	3450	3105	6830	5800	4875	4390	
							151A8	52	10650	9060	7610	6850	15060	12790	10750	9680	
							165A8	3.6	5110	4340	3650	3285	7210	6130	5150	4640	
							153A8	52	11270	9570	8050	7240	15900	13510	11350	10230	
550/45-22.5	16.00DC 18.00 DC	550 21.7	1070 42.1	470 18.5	3105 122.2	8	145A8	→	1.4 20	4060 8940	3450 7600	2900 6390	2610 5750	2800 6170	2380 5240	2000 4410	1800 3960
							142B	→									
							132A8	→									
							128B	→									
						12	153A8	→	2.1 30	5110 11260	4340 9560	3650 8040	3290 7250	3610 7950	3060 6740	2575 5670	2320 5110
							149B	→									
							141A8	→									
							137B	→									
						16	159A8	→	2.8 41	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100
							156B	→									
							147A8	→									
							143B	→									
20	165A8	→	3.6 52	7210 15862	6130 13486	5150 11330	4635 10197	5110 11242	4340 9548	3650 8030	3285 7227						
	153A8	→															
#550/45-22.5	16.00DC x22.5	550 21.7	1070 42.1	476 18.7	3180 125.2	20	165A8	→	3.6	5110	4340	3650	3285	7210	6130	5150	4640
							153A8	→	52	11270	9570	8050	7240	15900	13510	11350	10230
550/60-22.5	16.00DC	550 21.7	1238 48.7	540 21.3	3765 148.2	12	160A8	→	2.3 33	6300 13880	5360 11810	4500 9910	4050 8920	4410 9710	3750 8260	3150 6940	2840 6260
							156B	→									
							148A8	→									
							144B	→									
						16	166A8	→	3 44	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440
							162B	→									
							154A8	→									
							150B	→									
						8	144A8	→	1.4 20	3920 8624	3330 7326	2800 6160	2520 5544	2800 6160	2380 5236	2000 4400	1800 3960
							140B	→									
							132A8	→									
							128B	→									
12	159A8	→	2 29	6130 13500	5210 11480	4375 9640	3940 8680	4310 9490	3660 8060	3075 6770	2770 6100						
	156 B	→															
	147A8	→															
	144 B	→															
16	165A8	→	2.6 38	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040	3290 7250						
	161 B	→															
	153A8	→															
	149 B	→															
18	168A8	→	3.2 46	5600 12350	4760 10490	4000 8820	3600 7940	7840 17280	6660 14680	5600 12350	5040 11110						
	156A8	→															
8	156A8	→	1.3 19	5600 12330	4760 10480	4000 8810	3600 7930	3920 8630	3330 7330	2800 6170	2520 5550						
	153 B	→															
	144A8	→															
	140 B	→															
12	164A8	→	2 29	7000 15420	5950 13110	5000 11010	4500 9910	4830 10640	4110 9050	3450 7600	3110 6850						
	160 B	→															
	151A8	→															
	148 B	→															
16	169A8	→	2.6 38	8120 17890	6900 15200	5800 12780	5220 11500	5600 12330	4760 10480	4000 8810	3600 7930						
	166 B	→															
	156A8	→															
	153 B	→															
16	166A8	→	2.6 38	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440						
	162 B	→															
	154A8	→															
	150 B	→															
18	156A8	→	3.4 49	7840 17270	6660 14670	5600 12330	5040 11100	5600 12330	4760 10480	4000 8810	3600 7930						
	153 B	→															

Size with # is available in C marked which is best fit for sugarcane application.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	Free rolling				Drive Wheel									
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31					
700/50-22.5	24.00DC	700 27.6	1270 50	550 21.7	3790 149.2	16	174A8	→	2.8 41	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							170 B	→									
							162A8	→									
							158 B	→									
600/55-26.5	20.00DC	591 23.3	1333 52.5	580 22.8	4020 158.3	12	165A8	→	2 29	7210 15880	6130 13500	5150 11340	4640 10220	5110 11260	4340 9560	3650 8040	3290 7250
							161 B	→									
							153A8	→									
						16	170A8	→	2.6 38	8400 18500	7140 15730	6000 13220	5400 11890	6130 13500	5210 11480	4375 9640	3940 8680
							167 B	→									
							159A8	→									
156 B	→																
700/50-26.5	24.00DC	700 27.6	1333 52.5	580 22.8	3948 155.4	16	174A8	→	2.4 35	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							170 B	→									
800/45-26.5	28.00DC	800 31.5	1393 54.8	614 24.2	4050 159.4	8	162A8	→	1.1 16	6650 14650	5650 12440	4750 10460	4280 9430	4690 10330	3990 8790	3350 7380	3020 6650
							158 B	→									
							150A8	→									
						16	177A8	→	2.2 32	10220 22510	8690 19140	7300 16080	6570 14470	7000 15420	5950 13110	5000 11010	4500 9910
							173B	→									
							164A8	→									
160 B	→																
650/60-30.5	20.00DC	650 25.6	1670 65.7	704.45 27.7	4860 191.3	12	166A8	→	1.1 16	7420 16340	6310 13900	5300 11670	4770 10510	5250 11560	4460 9820	3750 8260	3380 7440
							162 B	→									
							154A8	→									
						16	174A8	→	1.7 25	9380 20660	7970 17560	6700 14760	6030 13280	6650 14650	5650 12440	4750 10460	4280 9430
							170 B	→									
							162A8	→									
158 B	→																
16	179A8	→	2.2 32	10850 23900	9220 20310	7750 17070	6980 15370	7630 16810	6490 14300	5450 12000	4910 10810						
	175 B	→															
	167A8	→															
163 B	→																
750/60-30.5	24.00DC	750 29.5	1670 65.7	720 28.3	5040 198.4	16	182A8	→	2.2 32	11900 26210	10120 22290	8500 18720	7650 16850	8400 18500	7140 15730	6000 13220	5400 11890
							179 B	→									
							170A8	→									
							167 B	→									
800/45-30.5	28.00DC	810 31.9	1510 59.4	662 26.1	4450 175.1	16PR	178A8	→	2.4 35	10500 23100	8930 19646	7500 16500	6750 14850	7420 16324	6310 13882	5300 11660	4770 10494
							174B	→									
							166A8	→									
							162B	→									
850/50-30.5 18 PR - LMS	28.00DC	850 33.5	1670 65.7	720 28.3	4790 188.6	12	168A8	→	1.5 22	11200 24670	9520 20970	8000 17620	7200 15860	7840 17270	6660 14670	5600 12330	5040 11100
							164 B	→									
							186A8	→									
						16	182 B	→	2.2 32	13300 29300	11310 24910	9500 20930	8550 18830	9380 20660	7970 17560	6700 14760	6030 13280
							174A8	→									
							170 B	→									
18	193A8	→	3 44	16100 35460	13690 30150	11500 25330	10350 22800	11270 24820	9580 21100	8050 17730	7250 15970						
	189B	→															
	180A8	→															
177 B	→																

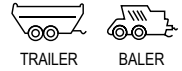
# 328 RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl.	Free rolling								
		SW	OD				press.	Recommend load, kg (lbs)								
				mm in	mm in			mm in	mm in	bar psi	Speed, km/h (mph)					
		Static	10 6				20 12				30 19	40 25	50 31	60 37	65 40	
500/50R17	16.00	494	960	425	2867	145D	4	6670	5220	4580	4380	3940	3510	3100	2900	
		19.4	37.8	16.7	112.9		58	14710	11510	10100	9660	8690	7740	6830	6390	

# 328 VALUE PLUS

1-3

FLOTATION



Alliance 328 VALUE PLUS is specially designed for low end applications like balers and other agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has good traction profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl.	Recommend load, kg (lbs)								
		SW	OD					press.	Speed, km/h (mph)								
				mm in	mm in				mm in	mm in	bar psi	Free rolling				Drive Wheel	
		10 6	25 16					40 25				50 31	10 6	25 16	40 25	50 31	
360/65-16	11.00x16	870	353	384.45	2578	16	142A8	4	2590	2330	1850	1665	3710	3150	2650	2390	
		34.3	13.9	15.1	101.5		129A8	58	5710	5140	4080	3670	8180	6950	5840	5270	
480/45-17	16.00x17	866	491	380.35	2562	14	146A8	2.8	2970	2670	2120	1908	4200	3570	3000	2700	
		34.1	19.3	15	100.9		134A8	41	6550	5890	4670	4210	9260	7870	6610	5950	
400/55-22.5	13.00DC	401	1030	455	3150	16	152A8	⊕	4	4970	4220	3550	3200	3500	2980	2500	2250
							149B	⊕									
							140A8	⊕									
							136B	⊕									
500/45-22.5	16.00DC	500	1030	455	3153	16	154A8	⊕	3.6	5250	4460	3750	3380	3710	3150	2650	2390
							150B	⊕									
							142A8	⊕									
							138B	⊕									
500/60-22.5	16.00DC	500	1170	510	3460	16	163A8	⊕	3.2	4830	4110	4875	3450	6830	5800	4875	4390
							159B	⊕									
							151A8	⊕									
							148B	⊕									
550/45-22.5	16.00DC 18.00DC	550	1070	470	3105	16	159A8	⊕	2.8	6130	5210	4375	3940	4310	3660	3075	2770
							156B	⊕									
							147A8	⊕									
							143B	⊕									
550/60-22.5	16.00DC	550	1238	540	3765	16	166A8	⊕	3	7420	6310	5300	4770	5250	4460	3750	3380
							162B	⊕									
							154A8	⊕									
							150B	⊕									

# 128 HF-2

FLOTATION



The Alliance 128 HS (High Speed Flotation) is designed with good self-cleaning characteristics which is suitable for on and off-the-road agricultural service on trailers and implements. The high load capacity and low inflation pressure of the tire results in high degree of agricultural soil protection, as well as low rolling resistance on both, on and off-road uses. The unique tread design enables smooth and quiet ride on road as well as high traction off the road. Its strong nylon construction and compounds ensure long life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Free rolling								
		SW	OD						Recommend load, kg (lbs)								
		mm in	mm in	Speed, km/h (mph)													
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi	10 6	20 12	30 19	40 25	50 31	60 37	65 40	70 44	
800/35-22.5 HS	28.00DC	800	1170	525	3508	16	162D	⊖→	2.6	8120	7310	6500	5800	5220	4930	4750	-
	26.00DC	31.5	46.1	20.7	138.1		169A8		38	17890	16100	14320	12780	11500	10860	10460	-
	24.00DC																



**FRONTS AND  
IMPLEMENTS**

# 303 TracPRO F-2



Alliance TracPRO F-2 tractor front tire displays better self cleaning because of the notches (3 Rib) on its shoulder. The specialised rib pattern ensures comfortable driving experience and the special stubble protection compound offers long life because of puncture and damage resistance.

(3 Rib) (Multi-Rib)



## 303 TracPRO (3 Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								mm in	mm in	mm in	mm in	mm in	mm in
6.00-16	4.50E	165	735	341	2206	8	4.4		10(1) (2)	20	25	30	40
		6.5	28.9	13.4	86.9	94A6	64		6	16	19	25	25
6.50-16	4.50Ex16	180	765	366.5	2333	8	4.2	1730	1130	1010	860	750	600
		7.1	30.1	14.4	91.9	98A6	61	3810	2490	2230	1900	1650	1320
7.50-16	5.5Fx16	208	814	386	2483	8	3.7	2010	1310	1180	1010	875	700
		8.2	32	15.2	97.8	103A6	54	4430	2890	2600	2230	1930	1540
6.50-20	5.00F	184	880	420	2702	8	4.5	1960	1280	1150	980	850	680
		7.2	34.6	16.5	106.4	102A6	65	4320	2820	2540	2160	1870	1500
5.25-14*							14	-----UNDER DEVELOPMENT-----					

## 303 TracPRO (Multi-Rib)

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Mixed application					
								mm in	mm in	mm in	mm in	mm in	mm in
6.00-16*	4.50Ex16	170	750	354	2416	8PR	4.5	1540	1010	900	770	670	
		6.7	29.5	13.9	95.1	94A6	65	3400	2230	1980	1700	1480	
6.50-16*						8	-----UNDER DEVELOPMENT-----						
7.50-16	5.50F	205	805	370	2403	8	3.7	2010	1310	1180	1010	875	700
		8.1	31.7	14.6	94.6	103A6	54	4430	2890	2600	2220	1930	1540
6.50-20*						8	-----UNDER DEVELOPMENT-----						

# 303 F-2



Alliance 303 Steering Wheel tire is a 3-rib (front wheel) tire designed for general farming purposes. It has a raised centre rib to ensure easy steering. The tire is engineered for quiet rolling and long lasting performance in both on and off-the-road service. The strong nylon construction and use of high grade compounds make it a top quality tire.



## 303 HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
9.00-16HD	W8 W7 6.00F	234	855	394	2556	10	3.9	1880	1790	1690	1440	1250	1130	1000	910
		9.2	33.7	15.5	100.6	116A6	57	4140	3940	3720	3170	2750	2490	2200	2000



# 303 TRACTOR FRONT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in	10 <sup>(12)</sup> 6	15 9				20 12	25 16	30 19	35 22	40 25					
5.00-15	4.00E 4J 3.00D	140	655	307	1979	4	73A6	2.75	550	520	490	420	365	330	290			
		5.5	25.8	12.1	77.9		65A8	40	1210	1150	1080	930	810	730	640			
		6	81A6	4.2	690	660	620	530	462	420	370	73A8	61	1520	1460	1370	1170	1020
10.00-16	W8L 8LB	274	895	406	2650	8	115A6	2.8	1820	1740	1640	1400	1215	1090	970			
		10.8	35.2	16	104.3		107A8	41	4010	3830	3610	3080	2680	2400	2140			
		10	119A6	3.4	2040	1940	1840	1560	1360	1220	1090	111A8	49	4490	4270	4050	3440	3000
11.00-16	W8L 10LB 8LB	315	965	436	2850	10	122A6	3.1	2250	2150	2030	1730	1500	1350	1200			
		12.4	38	17.2	112.2		114A8	45	4960	4740	4470	3810	3300	2970	2640			
6.00-16	4.50E 4.00E 4.25KA 5K	165	735	341	2206	6	88A6	3.3	840	800	760	640	560	500	450			
		6.5	28.9	13.4	86.9		80A8	48	1850	1760	1680	1410	1240	1100	990			
6.50-16	4.00E 5K 5.5F 4.25KA	175	760	353	2283	6	91A6	3.1	920	880	830	710	615	550	490			
		6.9	29.9	13.9	89.9		83A8	45	2030	1940	1830	1570	1360	1210	1080			
7.50-16	5.50F 5K 6LB	205	805	370	2403	8	103A6	3.7	1310	1250	1180	1010	875	790	700			
		8.1	31.7	14.6	94.6		96A8	54	2890	2750	2600	2220	1930	1740	1540			
9.00-16	W8 W7 6.00F	234	855	394	2556	10	116A6	3.9	1880	1790	1690	1440	1250	1130	1000			
		9.2	33.7	15.5	100.6		108A8	57	4150	3950	3730	3180	2760	2490	2210			
7.50-18	5.50F	205	860	395	2566	8	107A6	3.7	1460	1390	1320	1120	975	880	780			
		8.1	33.9	15.6	101		99A8	54	3220	3060	2910	2470	2150	1940	1720			
6.00-19	4.50E	165	814	382	2461	6	93A6	3.3	980	930	880	750	650	590	520			
		6.5	32	15	96.9		85A8	48	2160	2050	1940	1650	1430	1300	1150			
6.50-20	4.50E	175	865	404	2608	6	97A6	3.1	1100	1040	990	840	730	660	580			
		6.9	34.1	15.9	102.7		89A8	45	2430	2290	2180	1850	1610	1460	1280			

## FarmPRO 303 F-2

FarmPRO 303 is an aesthetically improved modern F2 design. It has an optimized rib design suitable for both on and off road applications. The specially designed rib angles and radius ensure better roadability. Additional rubber layer under tread provides penetration resistance and improved sidewall deflection ensures better stability.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in	mm in	mm in				10 <sup>(12)</sup> 6	15 9	20 12	25 16	30 19	35 22	40 25
5.00-15	4.00E	140	665	307	1979	4	73A6/65A8	2.8	550	—	490	420	365	—	—
		5.5	26.2	12.1	77.9		40	1210	—	1080	930	800	—	—	
10.00-16	W8L	275	895	410	2700	8	115A6/107A8	2.8	1820	—	1640	1400	1215	—	970
		10.8	35.2	16.1	106.2		41	4010	—	3610	3080	2680	—	2140	
11.00-16	W8L	315	965	430	2840	8	118A6/110A8	2.5	1980	—	1780	1520	1320	—	1060
		12.4	38	16.9	111.8		36	4360	—	3920	3350	2910	—	2330	
5.50-16	4.00E	150	710	330	2145	6	86A6/78A8	3.7	800	—	720	610	530	—	420
		5.9	28	13	84.4		54	1760	—	1590	1340	1170	—	930	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in	mm in	mm in	bar psi	10 <sup>(12)</sup> 6	15 9	20 12	25 16	30 19	35 22	40 25		
6.00-16	4.50E 4.5Ex16	165	735	348	2245	6	88A6/80A8	3.3	840	—	760	640	560	—	450
		6.5	28.9	13.7	88.3			48	1850	—	1670	1410	1230	—	990
6.50-16	4.00E	175	760	358	2285	6	91A6/83A8	3.1	920	—	830	710	615	—	490
		6.9	29.9	14.1	89.9			45	2030	—	1830	1560	1350	—	1080
7.50-16	5.50FX16	205	805	360	2440	6	98A6/90A8	2.8	1130	—	1010	860	750	—	600
		8.1	31.7	14.2	96			41	2490	—	2220	1890	1650	—	1320
7.50-16	5.50FX16	205	805	380	2460	8	103A6/96A8	3.7	1310	—	1180	1010	875	—	700
		8.1	31.7	15	96.8			54	2890	—	2600	2220	1930	—	1540
9.00-16	W8	234	855	395	2585	10	116A6/108A8	3.9	1880	—	1690	1440	1250	—	1000
		9.2	33.7	15.6	101.7			57	4140	—	3720	3170	2750	—	2200
7.50-18	5.50FX18	205	860	395	2590	8	107A6/99A8	3.7	1460	—	1320	1120	975	—	780
		8.1	33.9	15.6	101.9			54	3220	—	2910	2470	2150	—	1720
4.00-19	3.00DX19	112	716	330	2134	4	72A6	3.4	530	—	480	410	355	—	280
		4.4	28.2	13	84			49	1170	—	1060	900	780	—	620
6.00-19	W8	165	814	390	2485	6	93A6/85A8	3.3	980	—	880	750	650	—	520
		6.5	32	15.4	97.8			48	2160	—	1940	1650	1430	—	1150
7.50-20	5.5FX20	205	905	425	2735	8	109A6/101A8	3.4	1550	—	1390	1180	1030	—	820
		8.1	35.6	16.7	107.6			49	3410	—	3060	2600	2270	—	1810

## FarmPRO 303 MULTIRIB F-2



FarmPRO 303 Multi-rib Pattern has a unique design with grooves on the central rib and notches in the shoulder which gives the tire superior traction in wet conditions. The tire also displays excellent self cleaning properties because of its tread design. Its special stubble protection compound ensures higher resistance to damages and punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load index speed Sym	Infl. press.	Recommend load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 16	30 19	40 25		
10.00-16	W8x16	274	895	425	2696	12	123A6/115A8	4	2560	2000	1660	1550	1400
		10.8	35.2	16.7	106.1			58	5640	4410	3660	3420	3090
11.00-16	W10x16	315	965	435	2893	12	126A6/118A8	3.7	—	2550	1960	1700	1360
		12.4	38	17.1	113.9	—	—	54	—	5620	4320	3750	3000
6.50-20	5.00Fx20	175	865	417	2619	8	101A6/93A8	3.9	—	1240	950	825	660
		6.9	34.1	16.4	103.1			57	2730	2090	1820	1460	
7.50-20	5.50Fx20	205	915	429	2738	8	109A6/101A8	3.4	—	1550	1180	1030	820
		8.1	36	16.9	107.8			49	3420	2600	2270	1810	

## 313 F-2



Alliance 313 tire is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and industrial applications. It has a strong nylon construction and uses high grade compounds which guarantee long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index speed Sym	Infl. press.	Recommend load, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
		mm in	mm in	mm in	mm in	bar psi	10 6	15 9	20 12	25 16	30 19	35 22	40 25		
14L-16.1SL	W11C	346	986	450	2930	6	117 A6	1.9	2230	1930	1730	1480	1285	1160	1030
							109 A8	28	4910	4250	3810	3260	2830	2560	2270
							123 A6	2.5	2700	2330	2090	1780	1550	1400	1240
							116 A8	36	5950	5130	4600	3920	3410	3080	2730
							127 A6	3	3040	2630	2360	2010	1750	1580	1400
							120 A8	44	6700	5790	5200	4430	3850	3480	3080

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in	mm in	mm in	Static kmph	15 9	25 16	30 19	40 25		
11L-15SL	8LBx15	279	813	378.5	2389	8PR	3	2190	1430	1050	1020	950
		11	32	14.9	94.1	106A8	44	4830	3150	2320	2250	2090
11.00-16	W10LX16	315	962	430	2845	8PR	3	1900	1430	1220	1050	950
		12.4	37.9	16.9	112	114A8	44	4190	3150	2690	2320	2090
9.5L-15	8LB X16	253	782	357	2337	8PR	3.3	1700	1280	1090	940	850
		10	30.8	14.1	92	102A8	48	3750	2820	2400	2070	1870
10.00-16	8LB X 16	281	891	404	2667	8PR	3	2120	1590	1360	1180	1060
		11.1	35.1	15.9	105	110A8	44	4670	3510	3000	2600	2340

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure	Recommended Load			
		SW	OD					Speed km/h (mph)			
		mm in	mm in	mm in	mm in	bar	10	25	40	50	
14L-16.1SL	16.1	980	956	417	2889	12PR	3.58	2450	2080	1750	1575
		38.6	37.6	16.4	113.7	127A8	52	5400	4590	3860	3470

## 571 **IMP** **SB**

STEEL BELTED



Alliance 571 Trailer tire represents an exceptional solution for Agricultural and Utility trailers. This pattern enables efficient ground protection for Turf and Grassland applications. The tire structure with strong steel belt reinforcement and rounded shoulders provide efficient on/off road application, low rolling resistance and outstanding resistance to punctures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40	70 44	
340/65R18	11	340	892	405	2717	145E	5	4790	4060	3560	3250	3150	3120	3050	2970	2900
		13.4	35.1	15.9	107	148A8	73	10550	8940	7840	7160	6940	6870	6720	6540	6390

## 319 **I-1**



Alliance 319 (Agricultural Implement) is a super low-section implement tire designed for all on road and off-the-road applications. Its strong nylon construction guards against moisture deterioration and ensures best performance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)				Drive Wheel			
		mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31	
15.0/55-17	13	391	850	373	2470	10	133A8	2.6	2880	2450	2060	1850	2030	1730	1450	1310
							129 B	38	6340	5400	4540	4070	4470	3810	3190	2890
							121A8									
							118 B									
							140 A8	3.6	3500	2980	2500	2250	2450	2080	1750	1580
							136 B	52	7710	6560	5510	4960	5400	4580	3850	3480
						14	127A8									
							124 B									



CULTIVATORS PLOUGH BALERS

Alliance 328 is a tubeless flotation tire with good self cleaning characteristics, suitable for agricultural implements and for towed vehicles in particular. Its high load carrying capacity at low inflation pressures prevents damage to fields and crops. It is suitable for on and off-the road agricultural service on large implements. The tire's strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)							Free rolling				Drive Wheel					
		SW	OD	10	25		40		50	10	25	40	50					
		mm in	mm in	mm in	mm in		mm in		mm in	mm in	mm in	mm in	mm in					
400/60-15.5 Steel Belted	13.00DC	404 15.9	874 34.4	377 14.8	2510 98.8	-	140A8	→	2.8	3500	2980	2500	2250	2380	2020	1700	1530	
							136 B	→	41	7710	6560	5510	4960	5240	4450	3740	3370	
							126A8	→										
							123 B	→										
							145A8	→	3.6	4060	3450	2900	2610	2800	2380	2000	1800	
							142B	→	52	8940	7600	6390	5750	6170	5240	4410	3960	
		132A8	○															
		128 B	○															
		129A8	→	1.6	2270	1930	1620	1458	1580	1340	1130	1017						
		125B	→	23	4994	4246	3564	3208	3476	2948	2486	2237						
		117A8	○	2	2590	2200	1850	1665	1800	1530	1285	1157						
		113B	○	29	5698	4840	4070	3663	3960	3366	2827	2544						
500/60-15.5 Steel Belted	16.00DC	503 19.8	965 38	420 16.5	2780 109.4	12	152A8	→	5	4970	4220	3550	3195	3500	2980	2500	2250	
							140A8	→	73	10960	9300	7830	7040	7720	6570	5510	4960	
							152A8	→										
							149B	→	3.3	4970	4220	3550	3200	3430	2920	2450	2210	
							139A8	○	48	10950	9300	7820	7050	7560	6430	5400	4870	
							136B	○										
14.0/65-16*						14	-----UNDER DEVELOPMENT-----											
19.0/45-17*						14	-----UNDER DEVELOPMENT-----											
500/55-17 Steel Belted	16.00DC	503 19.8	994 39.1	435 17.1	2906 114.4	12	151A8	→	3.3	4830	4110	3450	3110	3330	2830	2380	2140	
							148B	→	48	10640	9050	7600	6850	7330	6230	5240	4710	
							138A8	○										
							135B	○										
400/55-17.5	11.75DC 13.00DC	388 15.3	887 34.9	418 16.5	2709 106.6	8	133A8	→	2	2880	2450	2060	1850	1960	1670	1400	1260	
							128B	→	29	6340	5400	4540	4070	4320	3680	3080	2780	
							120A8	○										
							117B	○										
							140A8	→	3	3710	3150	2650	2390	2590	2200	1850	1670	
		136B	→	44	8170	6940	5840	5260	5700	4850	4070	3680						
		127A8	○															
		124B	○															
		149A8	→	4	4550	3870	3250	2930	3140	2670	2240	2020						
		145B	→	58	10020	8520	7160	6450	6920	5880	4930	4450						
136A8	○																	
132B	○																	
42x25.00-20 NHS	20.50VF	622 24.5	1080 42.5	480 18.9	3160 124.4	12	137A8	→	3.1	3290	2530	2310	2180	2340	1800	1640	1550	
							135 B	→	45	7250	5570	5090	4800	5150	3960	3610	3410	
							125A8	○										
44x18.00-20 NHS	W14L W14LH	457 18	1143 45	492 19.4	3270 128.7	6	134A8	→	2.1	3020	2320	2120	2000	2110	1620	1480	1400	
							132B	→	30	6660	5120	4670	4410	4650	3570	3260	3090	
							122A8	○										
		120B	○															
		147A8	→	2.8	4390	3380	3080	2910	3080	2370	2160	2040						
		145B	→	41	9670	7440	6780	6410	6780	5220	4760	4490						
135A8	○																	
133B	○																	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		Speed, km/h (mph)							Free rolling				Drive Wheel							
		SW	OD	10	25				40	50	10	25	40	50						
		mm in	mm in												6	16	25	31	6	16
48x25.00-20 NHS	20.50VF	635 25	1245 49	548 21.6	3620 142.5	10	146A8	2.4	4230	3250	2970	2800	2940	2260	2070	1950				
							144 B										35	9320	7160	6540
		133A8	31 B	12	151A8	3.1	4910	3770	3450	3250	3470	2670	2440	2300						
		149 B													45	10810	8300	7600	7160	7640
		139A8	137 B	48x31.00-20 NHS	26.00VF	775 30.5	1245 49	550 21.7	3630 142.9	12	150A8	2.8	4760	3650						
		148 B									41				10480	8040	7360	6940	7440	5730
138A8	154A8	500 19.7	1030 40.6	475.2 18.709	3136 123.5	16	150B	3.6	3710	3150		2650	2390	5250						
136 B							52				8162				6930	5830	5258	11550	9812	8250
154A8	142A8	138B																		

## 328 VALUE PLUS I-3

FLOTATION



Alliance 328 Value Plus is specially designed for low end applications like balers, wagons and agricultural implements. It displays excellent flotation and self cleaning characteristics. The tire has moderate traction flotation profile and provides maximum soil protection and low compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)							Free rolling				Drive Wheel			
		SW	OD	10	25				40	50	10	25	40	50		
		mm in	mm in												6	16
10.0/75-15.3	9	268	784	343	2260	12	126A8	4.7	2380	-	-	1700	1530	-	-	-
		10.6	30.9	13.5	88.9		114A8									
11.5/80-15.3	9	295	845	375	2456	10	131A8	3.4	2730	2320	1950	1755	1900	1620	1360	1224
		11.6	33.3	14.8	96.6		119A8									
400/60-15.5	13.00DC	404	874	376.7	2569	16	148A8	4.4	4410	3745	3150	2835	3135	2665	2240	2015
		15.9	34.4	14.8	98.8		136A8									

## TRAILER 448 IMP



Alliance Trailer 448 is specially designed for trailer applications. The non-directional tread pattern with high lug to void ratio provides outstanding maneuverability and stability. Presence of abrasion resistant compound ensures excellent durability. Also, high traction with low rolling resistance assures improved productivity.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		Speed, km/h (mph)						Static	10	25	30	40
		SW	OD	6	16							
		mm in	mm in					mm in	mm in	Bar psi		
9.00-16	6.50H x 16	260	926	431.2	2787	18	7.6	3890	3040	2530	2360	2120
		10.2	36.5	17	109.7	138A6	110	8580	6700	5580	5200	4670
						16	7.25	3800	2970	2460	2300	2070
						137A6	105	8360	6534	5412	5060	4554



# 320 IMP



Alliance 320 is a low-section implement tire with high load capacity and minimum soil compaction. This is an ideal tire for modern farming designed for on and off road applications. Its strong nylon construction provides superior performance and durability.

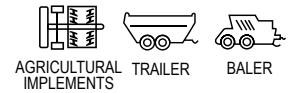


Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																			
									Speed, km/h (mph)																			
		SW	OD	10 6	25 16				40 25	50 31	Drive Wheel																	
		mm in	mm in								10 6	25 16	40 25	50 31														
10.0/75-15.3	9	264 10.4	760 29.9	343 13.5	2243 88.3	10	123A8	♂	3.9 57	2170 4780	1840 4050	1550 3410	1400 3080	1530 3370	1300 2860	1090 2400	980 2160											
							111A8	♀																				
							107B	♀																				
							126A8	♂																				
							122B	♂																				
							114A8	♀																				
		110B	♀																									
		12	14	130A8	126B	118A8	114B	14	130A8	♂	5.5 80	2660 5860	2260 4980	1900 4190	1710 3770	1850 4070	1570 3460	1320 2910	1190 2620									
									126B	♂																		
									118A8	♀																		
									114B	♀																		
									18	18										135A8	♂	7.1 103	3050 6835	2595 5815	2180 4885	1960 4390	2100 4705	1785 4000
122A8	♀																											
11.5/80-15.3 Steel Belted	9	290 11.4	845 33.3	372 14.6	2456 96.7	10	131A8	♂	3.4 49	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690											
							127B	♂																				
							119A8	♀																				
							115B	♀																				
							134A8	♂																				
							130B	♂																				
		12	14	139A8	135B	126A8	123 B	14	139A8	♂	4.75 69	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370									
									135B	♂																		
									126A8	♂																		
									123 B	♀																		
									142A8	♂																		
									138B	♂																		
16	18	129A8	125B	144A8	140B	18	129A8	♀	5.5 80	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680											
							125B	♀																				
							144A8	♂																				
							140B	♂																				
							131A8	♀																				
							127B	♀																				
18	18	144A8	132A8	142A8	138B	18	144A8	♂	6.25 91	3920 8640	3330 7340	2800 6170	2520 5555	2800 6170	2380 5245	2000 4410	1800 3965											
							132A8	♀																				
							142A8	♂																				
							138B	♂																				
							129A8	♀																				
							125B	♀																				
12.5-15.3	9	307 12.1	875 34.4	389 15.3	2558 100.7	14	142A8	♂	4.3 62	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680											
							138B	♂																				
							129A8	♀																				
							125B	♀																				
							144A8	♂																				
							140B	♂																				
		16	18	131A8	127B	145A8	141B	18	131A8	♀	4.9 71	3920 8630	3330 7330	2800 6170	2520 5550	2730 6010	2320 5110	1950 4300	1760 3880									
									127B	♀																		
									145A8	♂																		
									141B	♂																		
									132A8	♀																		
									128B	♀																		
500/55-15.5	16	503 19.8	944 37.2	410 16.1	2720 107.1	12	145A8	♂	2.4 35	3990 8790	3390 7470	2850 6280	2570 5660	2800 6170	2380 5240	2000 4410	1800 3960											
							141B	♂																				
							132A8	♀																				
							128B	♀																				
							135A8	♂																				
							131B	♂																				
13.0/75-16	11	336 13.2	900 35.4	404 15.9	2648 104.3	10	135A8	♂	3 44	3050 6720	2590 5700	2180 4800	1960 4320	2100 4630	1790 3940	1500 3300	1350 2970											
							131B	♂																				
							122A8	♀																				
							119B	♀																				

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)														
		SW	OD						Speed, km/h (mph)														
		mm in	mm in	mm in	mm in		Free rolling				Drive Wheel												
							Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31							
14.0/65-16	11	353 13.9	870 34.3	389 15.3	2552 100.5	10	134A8	♂	2.8 41	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970						
							122A8	♀															
							119B	♀															
							14	141A8	♂	4 58	3610 7950	3060 6740	2575 5670	2320 5110	2520 5550	2140 4710	1800 3960	1620 3570					
								137B	♂														
								128A8	♀														
500/50-17 Available as D tire (65 km/h)	16	500 19.7	940 37	415 16.3	2736 107.7	10	143A8	♂	2 29	3820 8410	3240 7140	2725 6000	2450 5400	2660 5860	2260 4980	1900 4190	1710 3770						
							139B	♂															
							130A8	♀															
						14	149A8	♂	2.75 40	4550 10020	3870 8520	3250 7160	2930 6450	3220 7090	2740 6040	2300 5070	2070 4560						
							145B	♂															
							137A8	♀															
						16	152A8	♂	3.25 47	5020 11060	4270 9410	3585 7900	3230 7110	3500 7710	2980 6560	2500 5510	2250 4960						
							149B	♂															
							140A8	♀															
						10.5/80-18	9	274 10.8	885 34.8	406 16	2639 103.9	10	131A8	♂	3.7 54	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690
													127B	♂									
													119A8	♀									
115B	♀																						
12.5/80-18	9	308 12.1	965 38	432 17	2834 111.6	12	142A8	♂	3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680						
							138B	♂															
							129A8	♀															
						16	148A8	♂	4.9 71	4410 9710	3750 8260	3150 6940	2840 6260	3050 6720	2590 5700	2180 4800	1960 4320						
							144B	♂															
							135A8	♀															
13.0/65-18	11	336 13.2	890 35	398 15.7	2611 102.8	12	138A8	♂	3.6 52	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280						
							134B	♂															
							125A8	♀															
						16	144A8	♂	4.9 71	3920 8630	3330 7330	2800 6170	2520 5550	2730 6010	2320 5110	1950 4300	1760 3880						
							140B	♂															
							131A8	♀															
15.0/70-18	13	391 15.4	990 39	442 17.4	2902 114.3	12	145A8	♂	3.1 45	4060 8940	3450 7600	2900 6390	2610 5750	2880 6340	2450 5400	2060 4540	1850 4070						
							141B	♂															
							133A8	♀															
						16	129B	♀	4.25 62	4830 10640	4110 9050	3450 7600	3110 6850	3400 7490	2890 6370	2430 5350	2190 4820						
							151A8	♂															
							147B	♂															
16.0/70-20	14	418 16.5	1075 42.3	481 18.9	3156 124.3	12	151A8	♂	3 44	4830 10640	4110 9050	3450 7600	3110 6850	3400 7490	2890 6370	2430 5350	2190 4820						
							147B	♂															
							139A8	♀															
						14	135B	♀	3.5 51	5250 11560	4460 9820	3750 8260	3380 7440	3710 8170	3150 6940	2650 5840	2390 5260						
							154A8	♂															
							150B	♂															
142A8	♀																						
138B	♀																						

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load index speed Sym	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in		bar psi	10 <sup>(12)</sup> 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31	60 37	65 40
500/50-17	16.00	500	940	428	2781	140D	3.25	4500	4330	4130	3950	3780	3600	3400	3030	2680	2500
		19.7	37	16.9	109.5	47	9920	9550	9110	8710	8330	7940	7500	6680	5910	5510	

# 320 VALUE PLUS IMP



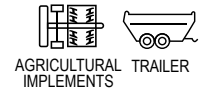
A 320 Value Plus is specially designed for agricultural implements. Its large footprint & high rubber to void ratio minimizes soil compaction. Strong textile construction ensures optimal performance and long tire life. This tire can be used on roads and also for grassland and sensitive soil applications in the fields.



Size	Rim Width (inch)	Unloaded Dimension		Loaded Static Radius (mm)	Rolling Circumference (mm)	PR LOAD INDEX / SPEED SYMBOL	Inflated Pressure (Bar)	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		(mm)	(mm)					Free rolling					
								Static -	10 6	25 16	30 18	40 25	
7.00-12 (3 rib)	4.25X12	185	667	295	1944	6	2.5	1280	1000	830	775	700	
		7.3	26.3	11.6	76.5	99A6	36	2816	2200	1826	1705	1540	
10.0/80-12 (3 rib)	9.00X12	264	710	309	2090	10	3.9	2640	2060	1710	1600	1440	
		10.4	28	12.2	82.2	124A6	57	5808	4532	3762	3520	3168	
10.0/75-15.3 (3 rib)	9	264	760	343	2243	10	5.3	3070	2400	1980	1850	1650	
						129A6	76	6768	5291	4365	4079	3638	
						125A8	14	7.5	3760	2945	2430	2240	2000
						136A6	108	8289	6493	5357	4938	4409	
						132A8	10	3.4	3800	2970	2460	2300	2070
11.5/80-15.3 (3 rib)	9x15.3	290	845	376	2470	137A6	49	8380	6550	5420	5070	4560	
						133A8	14	6.5	4810	3765	3110	2900	2575
						145A6	94	10604	8300	6856	6393	5677	
						141A8	14	5.9	5245	4105	3390	3150	2800
12.5/80-15.3 (3 rib)	9	307	875	389	2558	148A6	85	11563	9050	7474	6944	6173	
						144A8	16	5.5	5940	4650	3840	3550	3150
400/60-15.5 (3 rib)	13DC	404	874	376.7	2569	152A6	79	13095	10251	8466	7826	6944	
						148A8	20	5	6600	5160	4280	4000	3600
						73	14520	11352	9416	8800	7920		
6.00-16 (3 rib)	4.00EX16	169	712	330	2160	6	2.8	1280	1000	830	775	700	
		6.7	28	13	85	99A6	40	2816	2200	1826	1705	1540	
10.5/65-16 (3 rib)	9.00X16	274	755	346	2335	14	5.6	3500	2730	2270	2120	1910	
		10.8	29.7	13.6	91.9	134A6	81	7700	6006	4994	4664	4202	
13.0/55-16 (3 rib)	11X16	336	770	345	2350	14	4.2	3800	2970	2460	2300	2070	
		13.2	30.3	13.6	92.5	137A6	61	8360	6534	5412	5060	4554	
15.0/55-17 (5 rib)	13.00X17	391	850	372	2490	10	2.6	3890	3040	2530	2360	2124	
						138A6	38	8558	6688	5566	5192	4680	
						14	3.7	4250	3320	2760	2575	2320	
						141A6	54	9350	7304	6072	5665	5104	
19.0/45-17 (7 rib)	16	472	866	383.8	2578	14	2.8	5200	4060	3370	3150	2835	
		18.6	34.1	15.1	101.4	148A6	41	11460	8950	7430	6950	6250	
500/50-17 (5 rib)	16	500	932	424.3	2760	14	2.8	6020	-	3910	3650	3290	
		19.7	36.7	16.7	108.6	153A6	41	13244	-	8602	8030	7238	
10.5/80-18 (3 rib)	W9X18	274	885	390	2620	10	3.7	3600	2810	2330	2180	1960	
		10.8	34.8	15.4	103.1	135A6	54	7920	6182	5126	4796	4312	
12.5/80-18 (3 rib)	W9X18	308	965	422	2870	12	3.7	4790	3740	3100	2900	2610	
						145A6	54	10538	8228	6820	6380	5742	
						142A8	16	4.9	5860	4580	3800	3550	3200
						152A6	71	12892	10076	8360	7810	7040	
						148A8	18	5.5	6190	4840	4010	3750	3380
13.0/65-18	11x18	336	890	400	2745	16	4.9	5200	4060	3370	3150	2840	
		13.2	35	15.7	108.1	148A6	71	11460	8950	7430	6950	6260	
16.0/70-20 (5 rib)	13.00x20	418	1075	458.5	3158	12	3	6390	5000	4150	3875	3490	
						144A8	44	14058	11000	9130	8525	7678	
						154A6	80	13650	10670	8840	8270	7450	
						150A8	152A6	71	12892	10076	8360	7810	7040
						148A8	18	5.5	6190	4840	4010	3750	3380

# FarmPRO IMP 327

1-2



FarmPRO 327 Implement has a soil friendly tread design characterized by central ribs and shoulder lugs. The central ribs together with a wide and flat contact area provide lowest possible soil compaction and damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																							
		SW	OD						Speed, km/h (mph)																							
									Free rolling				Drive Wheel																			
									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31																
		mm in	mm in	mm in	mm in		Load index speed Sym	bar psi																								
400/60-15.5	13	405	874	375	2498	14	145A8	3.6	4060	3450	2900	2610	2800	2380	2000	1800																
		15.9	34.4	14.8	98.3		141B										52	8940	7600	6390	5750	6170	5240	4410	3960							
14.0/65-16 360/65-16	11	357	874	388	2590	-	150A8	4.6	4690	3990	3350	3015	3305	2810	2360	2125																
		14.1	34.4	15.3	102		138A8										66	10340	8796	7385	6647	7286	6195	5203	4685							
340/55-16	11	340	780	365	2354	12	133A8	3.4	2880	2450	2060	1850	2030	1730	1450	1310																
		13.4	30.7	14.4	92.7		129B										49	6340	5400	4540	4070	4470	3810	3190	2890							
19.0/45-17 (480/45-17)	16	480	865	400	2592	10	140A8	2.25	3500	2980	2500	2250	2450	2080	1750	1580																
							136B										33	7710	6560	5510	4960	5400	4580	3850	3480							
							127A8																									
							123B																									
							146A8																									
500/50-17	16	500	960	435	2840	14	142B	2.8	4200	3570	3000	2700	2970	2520	2120	1910																
							134A8										41	9250	7860	6610	5950	6540	5550	4670	4210							
							130B																									
							149A8										3.3	4550	3865	3250	2920	3135	2665	2240	2000							
							136A8										48	10030	8520	7165	6435	6910	5875	4935	4410							
15.0/55-17 (380/55-17)	13	391	850	384	2516	12	143A8	2	3820	3240	2725	2450	2660	2260	1900	1710																
							139B										29	8410	7140	6000	5400	5860	4980	4190	3770							
							130A8																									
							126B																									
							149A8																									
12.5/80-18 320/80-18	10	320	970	434	2860	12	145B	2.75	4550	3870	3250	2930	3140	2670	2240	2020																
							136A8										40	10020	8520	7160	6450	6920	5880	4930	4450							
							132B																									
							154A8																									
							150B										3.5	5250	4460	3750	3375	3605	3065	2575	2320							
16.0/70-20 400/70-20	13	408	1075	476	3112	12	141A8	3.5	5250	4460	3750	3375	3605	3065	2575	2320																
							137B										51	11575	9835	8265	7440	7945	6760	5675	5115							
							138A8										2.8	3300	2805	2360	2125	2310	1965	1650	1485							
							125A8										40.6	7285	6190	5200	4685	5090	5330	3635	3275							
							142A8										3.7	3710	3150	2650	2380	2950	2200	1850	1670							
500/55-20	16	503	1058	464	3063	12	129A8	5.4	8180	6945	5840	5245	5710	4850	4075	3680																
							151A8										3	4830	4105	3450	3105	3400	2890	2430	2185							
							139A8										43.5	10645	9050	7605	6845	7495	6370	5355	4815							
							150A8																									
							146B										2.4	4690	3990	3350	3020	3300	2810	2360	2120							
15.0/55-17 (380/55-17)	13	391	850	384	2516	12	138A8	3.5	5250	4460	3750	3375	3605	3065	2575	2320																
							146B										35	10330	8790	7380	6650	7270	6190	5200	4670							
							138A8																									
							134B																									
							155A8																									
12.5/80-18 320/80-18	10	320	970	434	2860	12	151B	3.25	5430	4610	3875	3490	3820	3240	2725	2450																
							143A8										47	11960	10150	8540	7690	8410	7140	6000	5400							
							139B																									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																		
		Speed, km/h (mph)							Free rolling				Drive Wheel														
		SW	OD						10	25	40	50	10	25	40	50											
		mm in	mm in						6	16	25	31	6	16	25	31											
560/60-22.5	16	565 22.2	1250 49.2	547 21.5	3618 142.4	12	164A8	3	7000	5950	5000	4500	4900	4170	3500	3150											
							160B										44	15420	13110	11010	9910	10790	9190	7710	6940		
							152A8																				
							148B																				
							169A8																				
							165B																			3.75	8120
157A8	54	17890	15200	12780	11500	12730	10810	9090	8170																		
154B																											
170A8																											
167B										3.5	8400	7140	6000	5400	5880	5000	4200	3780									
158A8																			51	18500	15730	13220	11890	12950	11010		
154B																											

## 223 I-1

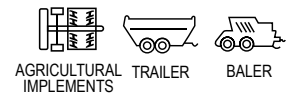


Alliance 223 Implement is a heavy-duty tire designed to carry heavy loads under tough field conditions. The strong nylon construction and the all-around protection against ozone layer impact and sunlight ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																
		Speed, km/h (mph)							Free rolling				Drive Wheel												
		SW	OD						10	25	40	50	10	25	40	50									
		mm in	mm in						6	16	25	31	6	16	25	31									
9.00-13	5.50F	236 9.3	780 30.7	354 13.9	2310 90.9	8	119A8	2.4	1900	1620	1360	1220	1330	1130	950	860									
							115 B										35	4190	3570	3000	2690	2930	2490	2090	1890
							106A8																		
							102 B																		
							123A8																		
							120 B																		
111A8	45	4780	4050	3410	3080	3370	2860	2400	2160																
107 B																									

## 543 I-1



Alliance 543 High Speed tire is ribbed to provide excellent performance for free rolling wheels for use on harvesting machines, hay balers, bale racks, seeders, windrowers and fertilizer & manure spreaders. It provides easy steering of machinery/equipment due to its heavily grooved ribs.

The tire provides adequate flotation for machinery and has high density rubber compounding on its tread. This tire is DOT certified for intermittent highway use.



Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in					100	62
9.5L-15FI	8LB	246 9.7	766 30.2	349 13.7	2283 89.9	Load Range D	4.14 60	1216 2681	
									11L-15FI
12.5L-15FI	8LB	318 12.5	820 32.3	366 14.4	2392 94.2	Load Range D	4.13 60	1696.4 3740	
									12.5L-15FI



# 222 I-1



Alliance 222 Agricultural Implement tire is a multi-rib, low-section design. Its extra wide tread and high volume enables carrying of heavy loads with low inflation pressures. It is highly suitable for on and off-the-road service. For best performances on soft and dry sand, the tire can also be mounted on drive wheels.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																	
		SW	OD						Speed, km/h (mph)																	
		mm in	mm in	Free rolling				Drive Wheel																		
				10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31														
11L-15	W8L 8LB 10LB	279	777	339	2245	10	116A8	3	1750	1490	1250	1130	1230	1040	875	790										
		11	30.6	13.3	88.4		112 B										44	3850	3280	2750	2490	2290	1930	1740		
							103A8																			
							100 B																			
16.5L-16.1SL	14LB W14C	419	1024	438	2922	10	138A8	2.5	3300	2810	2360	2120	2310	1960	1650	1490										
		16.5	40.3	17.2	115		134 B										36	7270	6190	5200	4670	5090	4320	3630	3280	
							125A8																			
							122 B																			
15.0/55-17	13	391	850	373	2465	18	150A8	6	4620	3930	3300	2970	3280	2780	2340	2110										
		15.4	33.5	14.7	97		146 B										87	10180	8660	7270	6540	7220	6120	5150	4650	
							138A8																			
							134 B																			
19.0/45-17	16	480	850	375	2470	10	138A8	2.25	3300	2810	2360	2120	2310	1960	1650	1490										
							134B										33	7270	6190	5200	4670	5090	4320	3630	3280	
							125A8																			
		18.9	33.5	14.8	97.2	14	143A8	4	3820	3250	2730	2460	2670	2270	1910	1720										
							139 B										58	8410	7160	6010	5420	5880	5000	4210	3790	
							130A8																			
				126 B																						
49-17	13#	400	1184	542	3638	20	158A8	4	5950	5060	4250	3830	4200	3570	3000	2700										
		15.7	46.6	21.3	143.2		146A8										58	13090	11132	9350	8426	9240	7854	6600	5940	
20.00-20	16 20SDC	498	1400	598	3991	20	169A8	3.9	8120	6900	5800	5220	5600	4760	4000	3600										
		19.6	55.1	23.5	157.1		165 B										57	17890	15200	12780	11500	12330	10480	8810	7930	
							156A8																			
							153 B																			
21.0/80-20	16SDC	525	1384	573.5	4080	12	166A8	2.2	7420	6310	5300	4770	5250	4460	3750	3380										
		20.7	54.5	22.6	160.6		154A8										32	16340	13900	11670	10510	11560	9820	8260	7440	
550/60-22.5	16.00DC	550	1238	540	3580	12	160A8	2.1	6300	5360	4500	4050	4410	3750	3150	2840										
							156B										30	13880	11810	9910	8920	9710	8260	6940	6260	
							148A8																			
		21.7	48.7	21.3	140.9	16	144B	2.8	7630	6490	5450	4910	5250	4460	3750	3380										
							167A8										41	16810	14300	12000	10810	11560	9820	8260	7440	
							163 B																			
				154A8																						
				150 B																						
600/55-22.5	20.00DC	602	1235	533	3540	16	169A8	2.6	8120	6900	5800	5220	5600	4760	4000	3600										
		23.7	48.6	21	139.4		166B										38	17890	15200	12780	11500	12330	10480	8810	7930	
							156A8																			
							153B																			

#Important: Nonstandard Flat Base Rim for Commercial vehicle: Rim Diameter 20"

# 351 I-1



Alliance 351 is an implement tire with five-ribs designed for on and off road implement and trailer applications. The tire can be mounted on drive wheels for best performance in soft and dry conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)																										
		SW	OD						Speed, km/h (mph)				Drive Wheel																						
		mm in	mm in	10 6	25 16		40 25	50 31	10 6	25 16	40 25	50 31																							
		Load index speed Sym	bar psi	Free rolling				Drive Wheel																											
11.25-24SL Steel Belted	W10H W10 W8 W8H	325 12.8	1171 46.1	530 20.9	3460 136.2	8	128A8	→	2.2 32	2520 5550	2140 4710	1800 3960	1620 3570	1750 3850	1490 3280	1250 2750	1130 2490																		
							124 B	→																											
							116A8	→																											
							112 B	→																											
							134A8	→																											
							130 B	→										2.7 39	2970 6540	2520 5550	2120 4670	1910 4210	2100 4630	1790 3940	1500 3300	1350 2970									
							122A8	→																											
							119 B	→																											
							138A8	→																											
							134 B	→																			3.3 48	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280
							125A8	→																											
							122 B	→																											
139A8	→																																		
135 B	→	3.3 48	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370																									
126A8	→																																		
123 B	→																																		
142A8	→																																		
138 B	→										3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680																
129A8	→																																		
125 B	→																																		

# 542 I-1



Alliance 542 is designed for free-rolling wheels used in harvesting machines, hay balers, bale racks, seeders, windrowers, and fertilizer/manure spreaders. It allows easy steering of machinery/equipment due to its enhanced grooved ribs.



## 542 (7 Ribs)

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm in	mm in	mm in	mm in		bar psi	48 30	
11L-14SL	8KB	280	754	342	2236	8	2.48	1120	
		11	29.7	13.5	88		36	2470	
9.5L-14SL	7.0	241	748	342	2234	8	3.03	1088.6	
		9.5	29.4	13.5	88		44	2400	
11L-15SL	8LB	266	780	350	2288	8	36	2540	
		10.5	30.7	13.8	90.1	12	3.58	1450	
							52	3200	

Size	Rim	Unloaded Dimension		SLR	Rolling Circumference	PR	A.P.	Recommend load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in				mm in	mm in	bar psi	48 30
12.5L-15SL	10LB	319	835	372	2431	8	2.5	1361		
		12.6	32.9				14.6	95.7	36	3000
						12	3.03	1551		
							44	3420		
6.70-15SL	4J	170	722	327	2136	6	3.033	839		
		6.7	28.4				12.9	84.1	44	1850
7.60-15SL	7J	208	737	333	2175	8	3.585	1100		
		8.2	29				13.1	85.6	52	2405
9.5L-15SL	8LB	249	768	352	2267	8	3.03	1120		
		9.8	30.2				13.9	89.3	44	2470
						12	4.4	1450		
							64	3200		
11.00-16SL	8.0	315	949	420	2746	12	3.45	2240.7		
		12.4	37.4				16.5	108.1	50	4940
7.50-16SL	5.5F	217	788	363	2370	8	3.3	1060		
		8.5	31				14.3	93.3	48	2340
						10	4.1	1215		
							60	2680		
9.00-16SL	6LB	264	856	390	2547	10	3.6	1500		
		10.4	33.7				15.4	100.3	52	3300
19L-16.1SL	W16C	480	1060	462	3020	12	2.5	2993.5		
		18.9	41.7				18.2	118.9	36	6600
21.5L-16.1SL	W18	545	1139	494	3277	10	1.9	2993.5		
		21.5	44.8				19.4	129	28	6600
									18	3
						156B	44	8800		

## AS 323 R-1



Alliance AS-323 Agriculture tire is designed for tractors, implements, self-propelled harvesting equipment and light industrial/construction applications. It has superior carcass casing and bead construction for better the tire life. The extra deep lug provides good performance under severe working conditions. The specially designed directional tread pattern provides excellent traction and self-cleaning properties. The tire is made of special rubber compound which provides greater resistance to tire failure, tear resistance, thus enhancing the tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
		mm in	mm in					Free Rolling				Cyclic Applications						
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31			
10.0/75-15.3	9	264	780	348	2293	10	3.9	-	2170	1845	1550	1395	1525	1300	1090	980		
		10.4	30.7			13.7			90.3	56	-	4785	4065	3415	3075	3360	2865	2400
11.5/80-15.3	9	290	867	389	2574	12	4.1	-	3050	2595	2180	1960	2170	1845	1550	1395		
						135A8			60	-	6725	5720	4805	4320	4785	4065	3415	3075
						123A8			6.1	-	3820	3240	2725	2450	2660	2260	1900	1710
						18			6.1	-	3820	3240	2725	2450	2660	2260	1900	1710
7.50-16	5.5	209	805	362	2367	8	3.25	-	1570	1335	1120	1010	1085	925	775	700		
						112A8			47	-	3460	2940	2470	2225	2390	2040	1705	1540
405/70-20	13	407	1076	493	3263	14	3.5	-	5200		3575	3250						
						149B			51	-	11460		7880	7170				

# 316 R-3



2WD  
TRACTOR

The Alliance 316 is a multi-purpose tractor tire that provides high flotation on soft soil. The flotation provides plant and lawn protection as well as orchard and grove protection. The tire is suitable for on-the-road, industrial and road construction equipment. The tire is built with a strong nylon construction and has a rugged design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)						Field operation			
								Not high and sustained torque; Road transport						Low Torque		High Torque	
		mm in	mm in					mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25
12.4-16	W11 W10L 10LB	315 12.4	931 36.7	429 16.9	2783 109.6	10 121A8	3	3060	2000	1640	1420	1330	1210	1860	1600	1420	
							44	6740	4410	3610	3130	2930	2670	4100	3520	3130	
							3.2	3170	2070	1700	1480	1380	1260	1930	1660	1480	
							46	6980	4560	3740	3260	3040	2780	4250	3660	3260	
							3.5	3340	2180	1780	1550	1450	1320	2030	1740	1550	
							51	7360	4800	3920	3410	3190	2910	4470	3830	3410	

# 317 R-1



TRAILER

Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl. Press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)				Free rolling				
								Drive wheel				Free rolling				
		mm	mm					mm	mm	mm	mm	bar	10	20	30	40
11.5/80-15	8	285	867	383	2520	8		10	20	30	40	10	20	30	40	
								6	12	19	25	6	12	19	25	
							2.7	1520	1350	1180	1060	2190	1940	1700	1530	
							39	3350	2980	2600	2340	4830	4280	3750	3370	
						6										
						112A6/108A8	2.3	1000	880	775	700	1440	1280	1120	1010	
						99A6/96A8	33	2210	1940	1710	1540	3180	2820	2470	2230	
						8										
						118A6/114A8	3.1	1190	1050	925	830	1700	1500	1320	1190	
						105A6/101A8	45	2620	2320	2040	1830	3750	3310	2910	2620	
10.0/75-15.3	9	264	780	343	2270	89.4		10	20	30	40	10	20	30	40	
								6	12	19	25	6	12	19	25	
								3.9	1410	1240	1090	980	2000	1770	1550	1400
								57	3110	2730	2400	2160	4410	3900	3420	3090
						12										
						123A6/123A8	4.7	1680	1430	1200	1080	2380	2020	1700	1530	
						115A6/111A8	68	3700	3150	2650	2380	5250	4450	3750	3370	

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Infl.Press	Recommend load, kg (lbs)																																											
		SW	OD					Speed, km/h (mph)				Free rolling																																							
								Drive wheel				Free rolling																																							
		mm	mm					10	20	30	40	10	20	30	40																																				
in	in	bar	10	20	30	40	6	12	19	25																																									
		psi	6	12	19	25	6	12	19	25																																									
11.5/80 - 15.3	9	290 11.4	867 34.1	383 15.1	2520 99.2	8	2.7 39	1520 3351	1350 2976	1180 2601	1060 2337	2190 4828	1940 4277	1700 3748	1530 3373																																				
						10										3.4 49	1750 3858	1550 3417	1360 2998	1220 2690	2520 5556	2220 4894	1950 4299	1760 3880																											
						12																			4.1 59	1940 4277	1710 3770	1500 3307	1350 2976	2730 6019	2420 5335	2120 4674	1910 4211																		
						14																												4.75 69	2190 4828	1940 4277	1700 3748	1530 3373	3130 6900	2770 6107	2430 5357	2190 4828									
						6																																					2.2 32	1290 2844	1140 2513	1000 2205	900 1984	1870 4123	1650 3638	1450 3197	1310 2888
						10																																													
		10	3.3 48	2000 4409	1770 3902	1550 3417	1400 3086	2810 6195	2490 5490	2180 4806	1960 4321																																								
		12										4 58	2190 4828	1940 4277	1700 3748	1550 3417	3130 6900	2770 6107	2430 5357	2180 4806																															
		10																			3.1 45	2130 4696	1880 4145	1650 3638	1490 3285	3040 6702	2690 5930	2360 5203	2120 4674																						
		12																												3.7 54	2390 5269	2110 4652	1850 4079	1670 3682	3420 7540	3020 6658	2650 5842	2390 5269													
		10																																					2.5 36	2730 6019	2420 5335	2120 4674	1910 4211	3870 8532	3420 7540	3000 6614	2700 5952				
		12																																														3 44	3040 6702	2690 5930	2360 5203
14	3.5 51	3320 7319	2940 6482	2575 5677	2320 5115	4710 10384	4160 9171	3650 8047	3290 7253																																										

# SUPER SOFT 802 R-3



The Super Soft 802 tires are ideal for pull-type agriculture implements. This tire has been strengthened, and enhanced to provide the best performance for various agricultural and industrial machines.



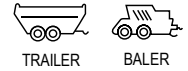
SIZE	P.R. & LI	TYPE	RIM	O.D. mm	S.W. mm	Rolling Circumference mm	Loaded Static Radius mm	Recommended Load kg	Inflation Pressure bar	Speed km
16.5LX16.1SL	10	TL	14	1029	419	3007	465	2360	2.5	50
				40.5	16.5	118.4	18.3	5203	36	31



# HI TRACTION 321

R-4

C+C  
CUT&CHIP RESISTANT  
COMPOUND



Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		Speed, km/h (mph)							Free rolling				Drive Wheel			
		SW	OD	10	25				40	50	10	25	40	50		
		mm in	mm in	mm in	mm in				mm in	mm in	mm in	mm in	mm in	mm in		
10.5/80-18	9	277 10.9	910 35.8	410 16.1	2683 105.6	10	131A8	3.7 54	2730 6010	2320 5110	1950 4300	1760 3880	1900 4190	1620 3570	1360 3000	1220 2690
							127 B									
							119A8									
							115 B									
							12									
						135A8	4.9 71	2170 4780	1840 4060	1550 3420	1400 3090	3050 6720	2590 5710	2180 4810	1960 4320	
						131B										
						123A8										
						120B										
						12										
139A8	3.1 45	3400 7490	2890 6370	2430 5350	2190 4820	2380 5240	2020 4450	1700 3740	1530 3370							
134 B																
126A8																
123 B																
12																
142A8	3.7 54	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680							
138 B																
129A8																
125 B																
14																
145A8	4.3 62	2840 6260	2420 5340	2000 4410	1800 3970	4060 8950	3450 7610	2900 6390	2610 5750							
141B																
132A8																
128B																
10.5-20										9	270 10.6	955 37.6	433 17	2827 111.3	10	133A8
129 B																
121A8																
118 B																
12.5-20	11	325 12.8	1040 40.9	475 18.7	3093 121.8	10	135A8	3 44	2380 5250							2020 4450
131B																
123A8																
120B																
12																
138A8						3.5 51	3710 8170	3150 6940	2650 5840	2390 5260	2590 5700	2200 4850	1850 4070	1670 3680		
134 B																
125A8																
122 B																

Fronts & Implements

# 312

**HF-2**

**WRC**

FLOTATION

WEAR RESISTANT COMPOUND



Alliance 312 is a Grassland Flotation Tire (High Flotation) which improves mobility of utility vehicles and agricultural implements. It can replace dual tire configurations. The tire can carry heavy load with low inflation pressure and rolling resistance. Its large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						Mixed application							
		mm in	mm in						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
26x12.00-12 NHS	10.5	289	665	292	1929	4	94A8	1.4	980	880	840	790	750	720	680	650
							93B	20	2160	1940	1850	1740	1650	1590	1500	1430
		11.4	26.2	11.5	75.9	6	103A8	2.1	1240	1120	1060	1010	950	910	870	825
							101B	30	2730	2470	2330	2220	2090	2000	1920	1820

# 332

**HF-3**

**SC**

FLOTATION

SPECIAL COMPOUND



Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to field and crops. The nylon carcass and special ozone resistant compound ensure longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)											
		SW	OD						Speed, km/h (mph)											
		mm in	mm in						Mixed application											
		mm in	mm in						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31				
31x15.50-15 NHS Normalized tire dimensions	13LB	391	792	353	2319	4	100 A8	1.4	1160	1050	1000	950	890	850	810	775				
							99 B	20	2560	2310	2200	2090	1960	1870	1780	1710				
						15.4	31.2	13.9	91.3	6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
											107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
		8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250								
			116 B	45	4140	3740	3550	3370	3170	3040	2890	2750								
		10	127A8	4.2	2480	2240	2130	2010	1900	1820	1730	1650								
			125B	61	5460	4930	4690	4430	4190	4010	3810	3630								

# 312 PLUS

**HF-1**

**SC**

SPECIAL COMPOUND



The Alliance 312 Plus comes with a superior sidewall and rim shield protection and works well on trenchers and many other types of machinery. Its open deep shoulders provide good traction both on road and off road and excellent self-cleaning even in the most severe operations.



SIZE	PR	TYPE	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	km/h mph
29X12.50-15NHS	8	TL	10LB	750	318	2213	350	975	2.75	50
				29.5	12.5	87.1	13.8	2150	40	31

# SLICK MASTER **C-1** **SG**

STUBBLE  
GUARD



The Alliance Slick Master is the latest offering for various Agriculture implement applications. The specially designed slick tread provides a high rubber volume thereby resulting in superior tire life. The tire is designed to avoid stubble damages and punctures resulting in improved uptime and lower maintenance. Slick Master also has the special stubble resistant compound making it the perfect choice for usage in fields prone to high stubble damage.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load index PR Symbols	Infl. press.	Recommend load, kg (lbs)			
		SW	OD					Speed, km/h (kmph/mph)			
		mm in	mm in					Free rolling			
						bar psi	10	25	40	50	
11L-15SL	8LB	279	777	350.5	2322	12	3.6	2250	1910	1610	1450
		11.0	30.6	13.8	91.4	121B	52	4960	4210	3550	3200
12.5L-15SL	10LBx15	318	823	373	2457	12	3.6	2710	2310	1940	1750
		12.5	32.4	14.7	96.7	127B	52	5980	5090	4280	3860
9.5L-15SL	8LBx15	251	767	354	2316	12	4.4	2250	1910	1610	1450
		9.9	30.2	13.9	91.2	121B	64	4960	4210	3550	3200

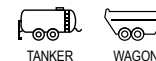
# 590

**SB**

STEEL BELTED

**C+C**

CUT&CHIP RESISTANT COMPOUND



Alliance 590 is a Heavy Duty Radial Flotation Tire designed specifically to suit the needs Agriculture and Construction applications. A Robust Steel Belted construction, with a non directional design and superior Cut and Chip resistant compound enables to handle heavy Loads and operate both in Farms as well as On/Off Road conditions.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
		mm in	mm in					Mixed Application							
							Bar psi	Static	10	20	30	40	50	60	70
620/70R26	DW20B	625	1500	662	4388	177A8	4	16790	10950	8100	7810	7300	7300	10220	8760
	W18L	24.6	59.1	26.1	172.8		58	36938	24090	17820	17182	16060	16060	22484	19272

# AGRI - LOADER

## 344 LS-2



Alliance 344 represents the most sophisticated steel belted tire design for application on Loaders. Its high, wide and robust lugs at low angle provide excellent grip for working on a wide range of severe terrains or when high traction forces are necessary for hard operations. Strong lugs enable efficient work, while large contact area efficiently protects the soil against excessive compaction. Strong steel breakers reinforce basic textile tire structure providing efficient puncture protection. Special durable tread compound, together with high under tread gauge and strong & thick sidewalls enable long secure work in all uses.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circ. RCI	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)									
		Speed, km/h (mph)										Cyclic Applications					
		Constant load															
		SW mm in	OD mm in					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	5 3	10 6
750/55R26.5 STEEL BELTED	AG24.00	740 29.1	1485 58.5	672 26.5	4532 178.4	177A8	4.5 65	16790 36980	9130 20110	8250 18170	7960 17530	7740 17050	7590 16720	7450 16410	7300 16080	12190 26850	10950 24120

## 370 R-1W



Alliance 370 wide base radial tires are developed for loaders and for field and hauling applications. The tire provides higher load capacity (about 10% more) at the same inflation pressure compared with the standard. The special R-1W traction tread pattern with radial nylon casing, rigid belts, mudguard and unique shoulder design ensure excellent grip and high traction efficiency. The large tire footprint area reduces average ground pressure, minimizes soil compaction and increases flotation abilities.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press Bar psi	Recommend load, kg (lbs)								
		Speed, km/h (mph)									Field operation					
		Not high and sustained torque; Road transport														
		SW mm in	OD mm in					Static	10 6	25 16	30 19	40 25	50 31	Low Torque 10 6	High Torque 20 12	10 6
620/70R26	DW20B W18L	625 24.6	1500 59.1	662 26.1	4388 172.8	177A8	4 58	16790 36938	10950 24090	8100 17820	7810 17182	7300 16060	7300 16060	10220 22484	8760 19272	7810 17182

**NOTES**

Lined area for taking notes, consisting of multiple horizontal lines.



# FORESTRY







A photograph of a log skidder in a forest, overlaid with a red tint and a black diagonal graphic. The skidder is carrying a large log. The text "LOG SKIDDER" is written in white, bold, sans-serif font across the lower part of the image.

# LOG SKIDDER

# 345 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Alliance 345 Forestar is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip. Its wide inter-lug space gives self cleaning characteristics which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 345 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)					Recommended load, kg (lbs)			cable/grapple skidders
		SW	OD	mm in	mm in	mm in	mm in	bar psi	Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6
		mm in	mm in													
		logging or forestry service														
18.4-26	DW16A	467 18.4	1445 56.9	663 26.1	4310 169.7	14										
						148A6	2.5	8510	3780	3470	3150	2840	-	2.9	4410	
						159A2	36	18740	8330	7640	6940	6260	-	42	9710	
						16	2.75	9590	4260	3910	3550	3195	-	-	-	
						152A6	40	21140	9390	8620	7830	7040	-	-	-	
23.1-26	DW20x26	345 13.6	1610 63.4	750 29.5	4862 191.4	14										
						157A6	2.1	11140	4950	4540	4125	3710	-	2.4	5780	
						169A2	30	24540	10900	10000	9090	8170	-	35	12730	
						16	2.4	12150	5400	4950	4500	4050	-	2.75	6240	
						160A6	35	26790	11910	10910	9920	8930	-	40	13760	
						172A2										
28L-26	DW25A	715 28.1	1638 64.5	746 29.4	4861 191.4	16										
						160A6	1.9	12260	5450	4990	4540	4090	-	2.3	6360	
						172A2	28	27000	12000	10990	10000	9010	-	33	14010	
						20	2.4	13910	6180	5670	5150	4640	-	2.8	7210	
						165A6	35	30640	13610	12490	11340	10220	-	41	15880	
						177A2										
16.9-30	DW15A	429 16.9	1504 59.2	696 27.4	4508 177.5	14										
						148A6	2.9	8510	3780	3470	3150	2840	-	3.3	4410	
						159A2	42	18740	8330	7640	6940	6260	-	48	9710	
						16	3.25	9050	4020	3690	3350	3015	-	-	-	
						150A6	47	19950	8860	8140	7390	6650	-	-	-	
18.4-30	DW16A	470 18.5	1547 60.9	723.5 28.5	4667 183.7	14										
						148A6	2.5	8780	3900	3580	3250	2930	-	2.9	4550	
						159A2	36	19340	8590	7890	7160	6450	-	42	10020	
						16	2.75	9860	4380	4020	3650	3285	-	-	-	
						153A6	40	21740	9660	8860	8050	7240	-	-	-	
24.5-32	DW21A	622 24.5	1817 71.5	833 32.8	5450 214.6	16										
						164A6	2.1	13500	6000	5500	5000	4500	-	2.4	7000	
						176A2	30	29740	13220	12110	11010	9910	-	35	15420	
						20	2.7	15660	6960	6380	5800	5220	-	3.1	8250	
						169A6	39	34490	15330	14050	12780	11500	-	45	18170	
						181A2										
30.5L-32	DW27A DH27	775 30.5	1847 72.7	846 33.3	5500 216.5	16										
						166A6	1.7	14310	6360	5830	5300	4770	-	2.05	7420	
						178A2	25	31520	14010	12840	11670	10510	-	30	12930	
						18	2.05	16200	7200	6600	6000	5400	-	2.4	8250	
						170A6	30	35680	15860	14540	13220	11890	-	35	18170	
						181A2										
						20	2.15	19170	8520	7810	7150	6390	-	2.5	8500	
						171A6	31	42220	18770	17200	13550	14070	-	36	18720	
						182A2										
						26	2.75	19170	8520	7810	7100	6390	-	3.1	10000	
						176A6	40	42220	18770	17200	15640	14070	-	45	22000	
						188A2										

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application																
								Speed, km/h (mph)																
		SW	OD	mm in	mm in	mm in		mm in	Recommended load, kg (lbs)						cable/grapple skidders									
									logging or forestry service															
mm in	mm in	mm in	mm in	mm in	mm in	bar psi	Static	15 9	25 16	30 19	40 25	50 31	bar psi	10 6										
35.5L-32	DH31	896 35.3	2010 79.1	919 36.2	5979 235.4	20	1	19710	8760	8030	7300	6570	-	2.15	10300									
						177A6										26	43410	19300	17690	16080	14470	-	31	22690
						189A2	2	23630	10500	9630	8750	7880	-	2.8	12150									
						26										35	52050	23130	21210	19270	17360	-	41	26760
						183A6										14	9050	4020	3690	3350	3020	-	2.9	4690
						150A6																		
162A2	16	10130	4500	4130	3750	3375	-	2.75	154A6	40	22330	9920	9110	8270	7440	-								
16																	2.75	10130	4500	4130	3750	3375	-	154A6
18.4-34	DW16A	467 18.4	1656 65.2	768 30.2	4971 195.7	14	2.5	9050	4020	3690	3350	3020	-	2.9	4690									
18.4-38*						154A6	40	22330	9920	9110	8270	7440	-	-----UNDER DEVELOPMENT-----										







**FORWARDER  
AND HARVESTER**

# 342 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Alliance 342 includes the entire forestry flotation radial and relevant forestry tractor sizes. Specific, big and strong tread pattern enables long tread life, excellent traction, grip and reliability while working on slopes. The tread pattern is reinforced by small lugs located on the shoulders. These lugs protect the shoulders from side damages done by stones and branches. The tire is steel reinforced under the tread area to prevent punctures during forestry operations. The special compound used in the tire sidewall structure enables high stability of forestry tractors at high tilt angles. The special rubber compounds used for the tread and sidewall give long, efficient protection from chipping and chunking which are the major concerns in forestry operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
							Drive wheel				Forestry use				
mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT		
600/50R24.5	AG20.00	615	1226	565	3754	164A8	5	11500	7500	6150	5350	5000	4550	5000	6150
		24.2	48.3	22.2	147.8	171A2	73	25330	16520	13550	11780	11010	10020	11010	13550
650/45R24.5	AG22.00	635	1225	565	3745	20	5.0	10640	6940	5690	4950	4625	4210	4625	5690
		25	48.2	22.2	147.5	161A8 168A2	73	23440	15290	12530	10900	10190	9270	10190	12530
710/40R24.5	AG24.00	710	1230	569.4	3754	163A8	5.0	11210	7310	6000	5220	4875	4440	4875	5950
		28	48.4	22.4	147.8	170A2	73	24690	16100	13220	11500	10740	9780	10740	13110
600/55R26.5	AG20.00	600	1340	623	4080	165A8	5.0	11850	7730	6330	5510	5150	4690	5150	6280
		23.6	52.8	24.5	160.6	172A2	73	26100	17030	13940	12140	11340	10330	11340	13830
710/45R26.5	AG24.00	714	1334	621	4113	168A8	5.0	12880	8400	6890	5990	5600	5100	5600	6830
		28.1	52.5	24.4	161.9	175A2	73	28370	18500	15180	13190	12330	11230	12330	15040
600/65R34	DW20B	610	1642	772	4992	165A8	4.0	11850	7730	6330	5510	5150	4690	5150	6330
		24	64.6	30.4	196.5	172A2	58	26100	17030	13940	12140	11340	10330	11340	13940
710/55R34	DW24B	720	1644	770	4998	171A8	4.0	14150	9230	7560	6580	6150	5600	6150	7560
		28.3	64.7	30.3	196.8	178A2	58	31170	20330	16650	14490	13550	12330	13550	16650
650/65-38	DW20B DW18B	660	1840	850	5586	16	3.2	14150	9230	7560	6580	6150	5600	6150	7660
		26	72.4	33.5	219.9	171A8 179A2	46	31170	20330	16650	14490	13550	12330	13550	16870
650/65R38	DW20B	650	1812	842	5521	171A8	3.6	14150	9230	7560	6580	6150	5600	6150	7500
		25.6	71.3	33.1	217.4	178A2	52	31170	20330	16650	14490	13550	12330	13550	16520
710/70R42	DW23B	730	2050	956	6174	173A8	3.0	14950	9750	8000	6960	6500	5920	6500	8000
		28.7	80.7	37.6	243.1	182A2	44	32930	21480	17620	15330	14320	13040	14320	17610

# 343 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Alliance Forestar 343 Flotation tire represents the most sophisticated design for application in forestry machines such as harvesters and forwarders. This tire is characterized by wide and robust lugs with low angles providing excellent grip on wide range of forestry terrains in addition to the known bogie truck standard design defined by leading track producers. Some of its features are strong steel breakers, basic nylon tire structure, special durable tread compound, high under tread gauge and thick sidewalls.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)													
							Drive wheel				Forestry use				
mm in	mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT			
600/50-22.5	20.00DC	585 23	1163 45.8	543 21.4	3562 140.2	16	3.2	7480 16480	4550 10020	4000 8810	3480 7670	3250 7160	3250 7160	4000 8810	
						149A8									
						156A2	5.5	11500 25330	7000 15420	6150 13550	5350 11780	5000 11010	5000 11010	6150 13550	
						24									
164A8	80	25330	15420	13550	11780	11010	11010	13550							



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
		Speed, km/h (mph)						Recommended load, kg (lbs)							
		SW	OD	Drive wheel				Forestry use							
		mm in	mm in	Static	10 6			20 12	30 19	40 25	10*HT 6 *HT	10*LT 6 *LT			
710/40-22.5	24.00DC	710	1170	546	3569	16	3.2 46	8170	4970	4370	3800	3550	3550	4370	
		28	46.1	21.5	140.5	152A8 159A2		18000	10950	9630	8370	7820	7820	9630	
650/45-24.5	22.00DC	640	1230	573.98	3745	20	5 73	10640	6480	5690	4950	4625	4625	5690	
		25.2	48.4	22.6	147.4	23460		14290	12540	10910	10200	10200	12540		
710/40-24.5	24.00DC	710	1235	582	3780	20	5 73	11210	6830	6000	5220	4875	4875	6000	
		28	48.6	22.9	148.8	163A8 170A2		24690	15040	13220	11500	10740	10740	13220	
600/55-26.5	20.00DC	600 23.6	1340 52.8	620 24.4	4068 160.2	16	4 58	9780	5950	5230	4550	4250	4250	5230	
						158A8		21540	13110	11520	10020	9360	9360	11520	
						166A2		5 73	11850	7210	6330	5510	5150	5150	6330
						165A8			26100	15880	13940	12140	11340	11340	13940
650/65-26.5	20.00DC	657 25.9	1485 58.5	690 27.2	4462 175.7	16	4 58	13340	8120	7130	6210	5800	5800	7130	
						169A8		29380	17890	15700	13680	12780	12780	15700	
						176A2		5 73	15410	9380	8240	7170	6700	6700	8240
						174A8			33940	20660	18150	15790	14760	14760	18150
700/50-26.5	AG24.00	710 28	1340 52.8	620 24.4	4017 158.1	20	5 73	13800	8400	7380	6420	6000	6000	7380	
						170A8		30420	18520	16270	14150	13230	13230	16270	
						177A2		4 58	10640	6480	5690	4950	4625	4625	5690
161A8	23440	14270	12530	10900	10190	10190	12530								
168A2	5 73	12880	7840	6890	5990	5600	5600		6890						
168A8		28370	17270	15180	13190	12330	12330		15180						
710/45-26.5	24.00DC	710 28	1340 52.8	620 24.4	4112 161.9	20	5 73	12880	7840	6890	5990	5600	5600	6890	
						168A8		28370	17270	15180	13190	12330	12330	15180	
						175A2		6 87	14950	9100	8000	6960	6500	6500	8000
173A8	32930	20040	17620	15330	14320	14320	17620								
180A2	4 58	14490	8820	7750	6740	6300	6300		7750						
172A8		31920	19430	17070	14850	13880	13880	17070							
179A2		5 73	16790	10220	8980	7810	7300	7300	8980						
177A8			36980	22510	19780	17200	16080	16080	19780						
750/55-26.5	24.00DC	750 29.5	1485 58.5	690 27.2	4536 178.6	20	5 73	16790	10220	8980	7810	7300	7300	8980	
						177A8		36980	22510	19780	17200	16080	16080	19780	
						184A2		6.5 94	20700	12600	11070	9630	9000	9000	10980
184A8	45590	27750	24380	21210	19820	19820	24190								
800/40-26.5	28.00DC	800 31.5	1340 52.8	620 24.4	4017 158.1	16	4 58	11210	6830	6000	5220	4875	4875	6000	
						163A8		24690	15040	13220	11500	10740	10740	13220	
						170A2		5 73	13800	8400	7380	6420	6000	6000	7380
170A8	30400	18500	16260	14140	13220	13220	16260								
850/45-26.5	28.00DC	840 33.1	1485 58.5	690 27.2	4462 175.7	20	5 73	18400	11200	9840	8560	8000	8000	9840	
						180A8		40530	24670	21670	18850	17620	17620	21670	
						187A2									

# 344 FORESTAR

LS-2

SC

SB

SPECIAL COMPOUND

STEEL BELTED



Forestry 344 Forestar LS-2 is a bias belted tire with steel reinforcement for high puncture resistance. The tire uses special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
								Recommended load, kg (lbs)									
		mm in	mm in					Drive wheel				Forestry use					
		Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT								
600/50-22.5	20.00DC	600	1170	540	3502	16	3.2	7940	4830	4240	3690	3450	-	3450	4240		
		23.6	46.1	21.3	137.9	151A8		46	17490	10640	9340	8130	7600	-	7600	9340	
710/40-22.5	24.00DC	700	1170	540	3502	16	3.6	8630	5250	4610	4010	3750	-	3750	4610		
						154A8		52	19010	11560	10150	8830	8260	-	8260	10150	
						161A2		20	4	9200	5600	4920	4280	4000	-	4000	4920
156A8	58	20260	12330	10840	9430	8810	-			8810	10840						
710/40-24.5	AG24.00	710	1230	579	3828	20	5	11210	6830	6000	5220	4875	-	4875	6000		
		28	48.4	22.8	150.7	163A8		73	24690	15040	13220	11500	10740	-	10740	13220	
650/45-24.5	AG22.0	640	1234	579	3720	20	5	10640	6480	5690	4950	4625	-	4625	5690		
		25.2	48.6	22.8	146.5	161A8		73	23440	14270	12530	10900	10190	-	10190	12530	
54x37.00-25	32.0TH	920	1435	672	4335	12	2.4	9780	5950	5230	4550	4250	-	4250	5950		
						158A8		35	21540	13110	11520	10020	9360	-	9360	13110	
						166A2		20	4	12650	7700	6770	5890	5500	-	5500	7700
167A8	58	27860	16960	14910	12970	12110	-			12110	16960						
600/55-26.5	20.00DC	620	1340	619	4053	20	5	11850	7210	6330	5510	5150	-	5150	6330		
						165A8		73	26100	15880	13940	12140	11340	-	11340	13940	
						172A2		24	6	13800	8400	7380	6420	6000	-	6000	7380
						170A8				87	30400	18500	16260	14140	13220	-	13220
						177A2		16	4	13340	8120	7130	6210	5800	-	5800	7130
169A8	58	29380	17890	15700	13680	12780	-			12780	15700						
650/65-26.5	20.00DC	650	1485	690	4502	16	5	15410	9380	8240	7170	6700	-	6700	8240		
						174A8		73	33940	20660	18150	15790	14760	-	14760	18150	
						181A2		20	5	12880	7840	6220	5990	5600	-	5600	6890
168A8	73	28370	17270	13700	13190	12330	-			12330	15180						
700/50-26.5	24.00DC	710	1340	620	4016	16	4	10640	6480	5690	4950	4625	-	4625	5690		
		28	52.8	24.4	158.1	161A8		58	23440	14270	12530	10900	10190	-	10190	12530	
710/45-26.5	24.00DC	710	1340	620	4059	20	5	12880	7840	6890	5990	5600	-	5600	6890		
						168A8		73	28370	17270	15180	13190	12330	-	12330	15180	
						175A2		24	6	14950	9100	8000	6960	6500	-	6500	8000
173A8	87	32930	20040	17620	15330	14320	-			14320	17620						
710/60-26.5	AG20.00	705	1490	692	4569	20	5	16790	10220	8980	7810	7300	-	7300	8980		
		27.8	58.7	27.2	179.9	177A8		73	36980	22510	19780	17200	16080	-	16080	19780	
750/55-26.5	24.00DC	750	1485	690	4554	16	4	14490	8820	7750	6740	6300	-	6300	7750		
						172A8		58	31920	19430	17070	14850	13880	-	13880	17070	
						179A2		20	5	16790	10220	8980	7810	7300	-	7300	8980
177A8	73	36980	22510	19780	17200	16080	-			16080	19780						
800/40-26.5	28.00DC	800	1340	620	4037	20	4.5	13800	8400	7380	6420	6000	-	6000	7380		
		31.5	52.8	24.4	158.9	170A8		65	30400	18500	16260	14140	13220	-	13220	16260	
800/40R26.5	AG28.00	800	1324	610	4037	20	4.5	13800	9000	7380	6420	6000	-	6000	7380		
		31.5	52.8	24.4	158.1	170A8		65	30400	19820	16260	14140	13220	-	13220	16260	
870/45-26.5	AG28.00	870	1430	666.54	4264	20	4	13800	8400	7380	6420	6000	-	6000	7380		
		34.3	56.3	26.2	167.9	170A8		58	30400	18500	16260	14140	13220	-	13220	16260	
						177A2											

# 346 FORESTAR

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Forestar 346 Forestry Flotation is a bias belted tire with steel reinforcement for high puncture resistance. The tire has a special tread compound and has very thick sidewalls and under tread. The reinforced bead of the tire provides exceptional performance. Its lower lug angle provides excellent grip and exhibits self cleaning characteristics due to its wide inter-lug space which is vital in logging applications. The close spacing of the lugs in the centre of the tire reduces rolling resistance on hard surfaces. The 346 is designed to handle various terrains without chains/bogie trucks.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application																		
		SW	OD					Speed, km/h (mph)																		
								Recommended load, kg (lbs)																		
		mm in	mm in					Drive wheel				Forestry use														
600/65-34	DW20A	600	1640	762	4927	14	2.4	9490	5780	5070	4410	4125	-	4125	5070											
		23.6	64.6			30										194	157A8	35	20900	12730	11170	9710	9090	-	9090	11170
																	16	4.5	10350	6300	5540	4820	4500	-	4500	5450
700/55-34	DW24A	700	1650	766	5051	14	2.4	10640	6480	5690	4950	4625	-	4625	5690											
		27.6	65			30.2										198.9	161A8	35	23440	14270	12530	10900	10190	-	10190	12530
																	20	4.5	11500	7000	6150	5350	5000	-	5000	6150
700/70-34	DW20A	721	1850	863	5611	14	4.2	14950	9100	8000	6960	6500	-	6500	8000											
		28.4	72.8			34										220.9	173A8	61	32930	20040	17620	15330	14320	-	14320	17620
																	168A2									

# 643 FORESTAR III

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Forestar 643 III is designed to deliver the ultimate track compatibility. Even without tracks it provides exceptional grip under critical forestry conditions. Outstanding stability, excellent self-cleaning and resilient construction make it the perfect solution for all the forestry needs.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Constant load application							
		SW	OD					Speed, km/h (mph)							
								Recommended load, kg (lbs)							
		mm in	mm in					Drive wheel				Forestry use			
710/40-22.5	AG24.00	710	1166	546	3573	20	5.5	10640	6480	5690	4950	4625	4210	4625	5600
		27.95	45.9			21.49									
710/45-26.5	AG24.00x26.5	710	1340	633	4085	20	5	15120	7840	6890	5990	5600	5100	5600	6900
		27.95	52.75			24.92									
710/45-26.5	AG 24.00 X 26.5	700	1340	631	4129	24	6	17550	-	8000	6960	6500	-	6500	8000
		27.6	52.8			24.8									
750/55-26.5	AG24.00	750	1490	689	4519	24	6	19550	11900	10460	9100	8500	7740	8500	10300
		29.5	58.7			27.1									
780/50-28.5	26.00x28.5	780	1525	708	4659	24	6	19550	11900	10460	9100	8500	7740	8500	10600
		30.7	60			27.9									

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
								Forestry use			Road Service		
		mm in	mm in					mm in	mm in	bar psi	10 6	10 6	Static
710/40-24.5	AG24.00X24.5	710	1230	574	3768	20	5	4875	6000	13160	6000	5220	4875
		28.0	48.4			22.6							



# 644 FORESTAR III

LS-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



Forestar 644 III is specially designed with dual lug angle to provide supreme grip and traction. Sturdy construction ensures exceptional performance under challenging operating conditions. Outstanding resistance against damages assures maximum tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Symbols	Infl. press.	Constant load application								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	Recommended load, kg (lbs)													
				Drive wheel				Forestry use									
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT					
600/50-22.5	AG20.00	600	1170	551	3602	20	159A8	5	10060	6130	5380	4680	4375	3980	4375	5450	
		23.62	46.06	21.69	141.8		167A2	72.5	22160	13500	11850	10310	9640	8770	9640	12000	
710/40-22.5	AG24.00	710	1166	549	3587	20	161A8	5.5	10640	6480	5690	4950	4625	4210	4625	5600	
		28	45.9	21.6	141.2		168A2	80	23460	14290	12540	10910	10200	9280	10200	12350	
710/40-24.5	AG24.00x24.5	690	1230	564	3726	20	163A8	5	13160		6000	5220	4875		4875	6000	
		27.2	48.4	22.2	146.7		170A2	73	29010		13230	11510	10750		10750	13230	
600/55-26.5	AG20.00	610	1340	626	4113	20	165A8	5	11850	7210	6330	5510	5150	4690	5150	6300	
		24.01	52.75	24.6	161.9		172A2	72.5	26100	15880	13940	12140	11340	10330	11340	13880	
710/45-26.5	AG24.00	710	1340	628	4098	20	168A8	5.5	12880	7840	6890	5990	5600	5100	5600	6900	
		27.95	52.75	24.72	161.34		175A2	80	28370	17270	15180	13190	12330	11230	12330	15200	
710/45-26.5	AG24.00x26.5	700	1340	630	4117	24	173A8	6	17550		8000	6960	6500		6500	8000	
		27.6	52.8	24.8	162.1		180A2	87	38690		17640	15340	14330		14330	17640	
750/55-26.5	AG24.00	750	1490	683	4467	24	182A8	6	17710	10780	9470	8240	7700	7010	7700	10300	
		29.52	58.66	26.89	175.8		189A2	87	39010	23740	20860	18150	16960	15440	16960	22690	
800/40-26.5	AG28.00x26.5	780	1340	635	4069	20	170A8	5	13800	8400	7380	6420	6000	5460	6000	7300	
		30.7	52.8	25	160.2		177A2	73	30420	18520	16270	14150	13230	12040	13230	16090	
710/55-28.5	AG24.00x28.5	702	1525	711	4646	24	180A8	6	18400	11200	9840	8560	8000		8000	9750	
		27.6	60	28	182.9		187A2	87	40570	24690	21690	18870	17640		17640	21500	
780/50-28.5	AG26.00x28.5	780	1525	715	4659	24	182A8	6	22950		10460	9100	8500		8500	10600	
		30.7	60.0	28.1	183.4		190A2	87	50600		23060	20060	18740		18740	23370	
700/50-30.5*						24	-			-----UNDER DEVELOPMENT-----							

# 344 FORESTAR ELIT

HF-2

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



The advanced Low pressure (LP) 344 designed with improved construction and flexible strong sidewall enable the tire to carry the same load as a STD tire with half the air pressure value. It offers a significantly large footprint leading to low soil compaction and also a comfortable ride for the driver. The larger footprint enables high traction, reduces fuel costs and increases overall operational forest work productivity. The tread pattern enables an excellent grip in all terrains. The tire is equipped with steel reinforcement belt for high puncture resistance. A special tread compound enables long tire life and the reinforced dual bead of the tire and the reduced inflation pressure provides exceptional performance and stability. Its lug angle provides excellent grip and exhibits self-cleaning characteristics. The close spacing of the lugs in the center of the tire reduces rolling resistance on hard surfaces. The 344 is designed to handle various terrains with or without chains or bogie tracks



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index PR	Infl. press.	Constant load application								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	Constant load application												
				Drive wheel				Forestry use								
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	10*HT 6*HT	10*LT 6*LT					
600/55-26.5	AG20.00	600	1330	608	3965	20	2.5	11850	7210	6330	5510	5150	5150	6330		
		23.6	52.4	23.9	156.1	165A8	36	26130	15900	13960	12150	11350	11350	13960		
710/40-24.5	AG24.00	710	1230	560	3705	20	2.5	11210	6830	6000	5220	4875	4875	6000		
		28	48.4	22	145.9	163A8	36	24714	15058	13228	11508	10748	10748	13228		
710/45-26.5	AG24.00	710	1330	602	3974	20	2.5	12880	7840	6890	5990	5600	5600	6890		
		28	52.4	23.7	156.5	168A8	36	28396	17284	15190	13206	12346	12346	15190		
750/55-26.5	AG24.00	750	1485	664	4436	20	2.5	16790	10220	8980	7810	7300	7300	8980		
		29.5	58.5	26.1	174.6	177A8	36	37016	22531	19797	17218	16094	16094	19797		
800/40-26.5	AG28.00	800	1340	600	3993	20	2.5	13800	8400	7380	6420	6000	6000	7380		
		31.5	52.8	23.6	157.2	170A8	36	30424	18519	16270	14154	13228	13228	16270		



**FORESTRY FLOTATION  
AND TRAILER**

# 328 FORESTRY

I-3



FLOTATION

Alliance 328 Heavy Duty Flotation tire is a specially designed tire constructed to carry heavy loads and is used in harsh conditions. It provides improved stability over dual-tire configuration. The tire also provides much better ride comfort, higher machine mobility, better self cleaning and better overall performances on road. Special reinforced bead, steel belt and heavy duty construction are some the unique features of this tire's construction. Apart from its standard applications in trailers, forestry trailers and forest harvesters, the special HD tire is developed for agricultural baler applications.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
		Recommended load, kg (lbs)								Drive wheel				Forestry use			
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT			
								14									
								145A8	3.5	6670	4060	3220	3100	2900	-	2900	3570
								153A2	51	14690	8940	7090	6830	6390	-	6390	7860
								16									
400/60-15.5	13.00DC	404 15.9	864 34	380 15	2509 98.8			148A8	4 58	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	-	3150 6940	3870 8520
								155A2									
								20									
								152A8	5 73	8170 18000	4970 10950	3940 8680	3800 8370	3550 7820	-	3550 7820	4370 9630
								159A2									
500/60-15.5	16.00DC	503 19.8	994 39.1	439 17.3	2894 113.9			150A8	3.3 48	7710 16980	4690 10330	3720 8190	3580 7890	3350 7380	-	3350 7380	4120 9070
								157A2									
500/55-17	16.00	503 19.8	980 38.6	441 17.4	2906 114.4			148A8	3.3 48	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	-	3150 6940	3870 8520
								155A2									
500/45-22.5	16.00DC	500 19.7	1050 41.3	489 19.3	3153 124.1			148A8	3.6 52	7250 15970	4410 9710	3500 7710	3370 7420	3150 6940	-	3150 6940	3870 8520
								155A2									

# 331 FORESTRY

I-3



FLOTATION

Alliance 331 Flotation diagonal forestry tire is developed mainly for use in modern forestry harvesters and forwarders besides its standard applications like wheeled excavators, loaders and dumpers working in challenging terrains. The tire can also be used for applications in agriculture especially on heavy and abrasive surfaces. It is designed with high traction and low slip abilities for better fuel economy. The tire's huge volume contributes to low soil compaction and better ride comfort in forestry and agricultural applications. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All of this promises long tire life under heavy working conditions in forests as well as smooth working in fields.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application									
		SW	OD					Speed, km/h (mph)									
		Recommended load, kg (lbs)								Drive wheel				Forestry use			
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT			
								16									
								151A8	3.2 46	8050 17730	4900 10790	3890 8570	3750 8260	3500 7710	-	3500 7710	4310 9490
								158A2									
500/60-22.5	16.00DC	500 19.7	1170 46.1	540 21.3	3465 136.4			158A8	4 58	9780 21540	5950 13110	4720 10400	4550 10020	4250 9360	-	4250 9360	5230 11520
								165A2									
550/45-22.5	16.00DC 20.00DC	550 21.7	1080 42.5	497 19.6	3271 128.8			140A8	2.4 35	5750 12670	3500 7710	2780 6120	2680 5900	2500 5510	-	2500 5510	3080 6780
								147A2									



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application								
								Speed, km/h (mph)						Recommended load, kg (lbs)		
		SW	OD	mm in	mm in	mm in		mm in	Drive wheel						Forestry use	
		mm in	mm in						Static	10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT
		bar psi	Static						10 6	20 12	30 19	40 25	50 31	10*HT 6 *HT	10*LT 6*LT	
600/40-22.5	20.00DC	600	1110	515	3356	16	3.2 46	7250	4410	3500	3370	3150	-	3150	3870	
		23.6	43.7	20.3	132.1	148A8		15970	9710	7710	7420	6940	-	6940	8520	
						155A2										
500/60-26.5	16.00DC	500	1270	590	3838	16	4 58	11210	6830	5410	5220	4875	-	4875	6000	
						163A8		24690	15040	11920	11500	10740	-	10740	13220	
						170A2										
						22		13800	8400	6660	6420	6000	-	6000	7380	
						170A8		5.7 83	30400	18500	14670	14140	13220	-	13220	16260
177A2																
600/60-30.5	20.00DC	600	1500	696	4504	20	4 58	12880	7840	6220	5990	5600	-	5600	6890	
		23.6	59.1	27.4	177.3	168A8		28370	17270	13700	13190	12330	-	12330	15180	
						175A2										
700/50-30.5	24.00DC	700	1510	699	4528	20	3.7 54	13340	8120	6440	6210	5800	-	5800	7130	
		27.6	59.4	27.5	178.3	169A8		29380	17890	14190	13680	12780	-	12780	15700	
						176A2										
800/45-30.5	28.00DC	800	1520	704	4561	20	3.5 51	15410	9380	7440	7170	6700	-	6700	8240	
		31.5	59.8	27.7	179.6	174A8		33940	20660	16390	15790	14760	-	14760	18150	
						181A2										







# AGRO FORESTRY

# AGRO-FORESTRY 333

R-1W

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



FLOTATION

333 Agro-Forestry is a special forestry construction tire suitable for tough Agro Forestry applications. It's steel belted construction ensures increased puncture protection and minimizes penetration damage. Improved forestry compound provides protection from cut & chip resistance. The tire's high NSD & sharp shoulders provide superior traction, even on uneven ground & wet soil conditions. The shoulder ridge provides added rubber on the critical void area, to help resist penetration and ensures a long tire life. The bridge in the tire's centre line add stability and strength to the base of the lugs. Flatter footprint of the tire results into better ground contact thus offering lower soil compaction.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Static	Recommended load , kg (lbs)					
		SW mm in	OD mm in							Speed, km/h (mph)					
										Mixed Application					
										10 6	25 16	30 19	40 25	50 31	
320/85-24	W11	320	1160	529	3445	14	127A8	2.4	4030	2630	1940	1870	1750	1610	
	W10	12.6	45.7	20.8	135.6		124B	35	8880	5790	4270	4120	3850	3550	
380/85-24	W12	380	1260	570	3723	14	137A8	2.4	5290	3450	2550	2460	2300	2120	
		15	49.6	22.4	146.6		134B	35	11650	7600	5620	5420	5070	4670	
380/85-28	W12	380	1368	623	4060	14	139A8	2.4	5590	3650	2700	2600	2430	2210	
		15	53.9	24.5	159.8		136B	35	12310	8040	5950	5730	5350	4870	
420/85-30	W15L W14L W13L	440	1475	672	4376	14	145A8	2.4	6670	4350	3220	3100	2900	2660	
							14690	9590	7090	6830	6390	5860			
		17.3	58.1	26.5	172.3	16	150A8	2.8	7710	5030	3720	3580	3350	3050	
							147B	41	16980	11080	8190	7890	7380	6720	
460/85-30	W16L W14L W15L	460	1550	702	4584	14	150A8	2.4	7710	5030	3720	3580	3350	3080	
							16980	11080	8190	7890	7380	6780			
		18.1	61	27.6	180.5	16	155A8	2.8	8910	5190	4300	4150	3875	3530	
							152B	41	19630	11430	9470	9140	8540	7780	
420/85-34	W15L W14L W13L	430	1580	724	4705	14	147A8	2.4	7070	4610	3410	3290	3075	2820	
		16.9	62.2	28.5	185.2		35	15570	10150	7510	7250	6770	6210		
		460/85-34	W16L	460	1646		751	4888	14	152A8	2.4	8170	5330	3940	3800
18.1	64.8			29.6	192.4	149B	35	18000		11740	8680	8370	7820	7180	
420/85-28	W15L W14L	430	1425	670	4313	14	144A8	2.4	6440	4200	3110	3000	2800	2570	
							141B	35	14190	9250	6850	6610	6170	5660	
		16.9	56.1	26.4	169.8	149A8	2.4	7480	4880	3610	3480	3250	2980		
420/85-38	W15L W14L W13L	430	1680	774	5021	14	149A8	2.4	16480	10750	7950	7670	7160	6560	
		16.9	66.1	30.5	197.7		14	154A8	2.4	8630	5630	4160	4010	3750	3410
								151B	35	19010	12400	9160	8830	8260	7520
460/85-38	W16L	460	1747	801	5206	14	158A8	2.8	9780	6380	4720	4550	4250	3870	
		18.1	68.8	31.5	205		16	155B	41	21540	14050	10400	10020	9360	8520
								160A8	2.4	10350	6750	5000	4820	4500	4130
520/85-38	DW16L DW18L	520	1860	864	5518	14	157B	35	22810	14880	11020	10620	9910	9100	
		20.5	73.2	34	217.2		16	164A8	2.8	11500	—	5550	5350	5000	4550
								160B	41	25330	—	12220	11780	11010	10020
520/85-42	DW16L	520	1950	905	5785	16	162A8	2.4	10925	7125	5270	5080	4750	4375	
		20.5	76.8	35.6	227.7		159B	35	24085	15705	11620	11200	10470	9645	



# 360

**R-1W**

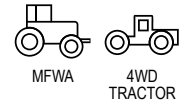
**SC**

**SB**

FLOTATION

SPECIAL COMPOUND

STEEL BELTED



Alliance 360 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enables smooth and reliable forestry and agro-industrial operations.



## AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Constant load application							
		Speed, km/h (mph)													
		Recommended load, kg (lbs)													
		Drive wheel						Forestry use							
mm in	mm in	mm in	mm in	bar psi	Static	10 6	20 12	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT			
480/65-24	W15	470	1250	582	3702	140A8	2.4	5750	3750	2780	2680	2500	2280	2500	3080
	W14L	18.5	49.2	22.9	145.7	147A2	35	12670	8260	6120	5900	5510	5020	5510	6780
480/65-28	W15	460	1350	634	4088	142A8	2.4	6100	3980	2940	2840	2650	2410	2650	3260
	W14L	18.1	53.1	25	160.9	149A2	35	13440	8770	6480	6260	5840	5310	5840	7180
540/65-28	W16	520	1448	668	4331	16	3.3	8860	5780	4270	4120	3850	3500	3850	4740
	W15	20.5	57	26.3	170.5	155A8	48	19520	12730	9410	9070	8480	7710	8480	10430
600/65-28	W18L	570	1500	684	4471	154A8	2.4	8630	5630	4160	4010	3750	3410	3750	4610
	W16L	22.4	59.1	26.9	176	161A2	35	19010	12400	9160	8830	8260	7510	8260	10160
600/65R28	DW20	600	1480	684	4481	154A8	2.4	8630	5630	4160	4010	3750	3410	3750	4610
	W18L	23.6	58.3	26.9	176.4		35	19010	12400	9160	8830	8260	7510	8260	10160
540/65-30	W16L	525	1490	692	4483	150A8	2.4	7710	5030	3720	3580	3350	3050	3350	4120
	W18L	20.7	58.7	27.2	176.5	157A2	35	16980	11080	8190	7890	7380	6720	7380	9080
540/70-30	W16L	520	1502	693	4510	152A8	2.4	8170	5330	3940	3800	3550	3230	3550	4370
	W18L	20.5	59.1	27.3	177.6	159A2	35	18000	11740	8680	8370	7820	7110	7820	9620
540/65-38	W16L	518	1699	793	5125	153A8	2.4	8400	5480	4050	3910	3650	3320	3650	4490
	W18L	20.4	66.9	31.2	201.8	160A2	35	18500	12070	8920	8610	8040	7310	8040	9890
600/65-38	W18L	557	1760	819	5318	159A8	2.4	10060	6560	4860	4680	4375	3980	4375	5380
	W16L	21.9	69.3	32.2	209.4	166A2	35	22160	14450	10700	10310	9640	8770	9640	11860
650/65-38	DW20A	635	1880	871	5638	16	2.4	11500	7500	5550	5350	5000	4550	5000	6150
		25	74	34.3	222	164A8	35	25330	16520	12220	11780	11010	10020	11010	13540
650/75-38	DW20B	680	1965	902	5850	168A8	2.4	12880	8400	6220	5990	5600	5100	5600	6890
	DW21B	26.8	77.4	35.5	230.3	175A2	35	28370	18500	13700	13190	12330	11230	12330	15170
710/70R38	DW23	716	1940	898	5815	168A8	2.4	12880	8400	6220	5990	5600	5100	5600	6890
		28.2	76.4	35.4	228.9	175A2	35	28370	18500	13700	13190	12330	11230	12330	15170
650/65R42	DW20	655	1950	900	5869	165A8	2.4	11850	7730	5720	5510	5150	4690	5150	6330
	DW18	25.8	76.8	35.4	231	172A2	35	26100	17030	12600	12140	11340	10330	11340	13950

# 365

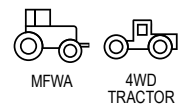
**R-1W**

**SC**

**SB**

SPECIAL COMPOUND

STEEL BELTED



Alliance 365 Agro Forestry is a modern diagonal forestry tire for utility and high power tractors on heavy duty jobs in forestry and heavier agricultural operations. This tire can also be used for combine harvesters and implements in agriculture. The tire is designed for high traction and low slip abilities and gives better fuel economy. The main construction characteristics of this tire are strong nylon casing and steel belts, high under tread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All the above characteristics enable smooth and reliable forestry and agro-industrial operations. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



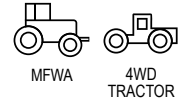
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		1) Not high and sustained torque; 2) Road transport														
		Field						Cyclic operation								
mm in	mm in	mm in	mm in	bar psi	25 16	40 25	50 31	65 40	70 44	bar psi	10 6	15 9				
710/70R42	DW23B	740 29.1	2055 80.9	936 36.9	6178 243.2	173D	2.4	7480	7700	7120	6830	6500	5920	3	11050	10080
						176A8	35	16480	16960	15680	15040	14320	13040	44	24340	22200
						177D	3.2	8400	8650	8000	7670	7300	6640	4	12410	11320
						180A8	46	18500	19050	17620	16890	16080	14630	58	27330	24930

# 370

**R-1W**

**SC**  
SPECIAL  
COMPOUND

**SB**  
STEEL  
BELTED



Alliance 370 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges, reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



## AGRO FORESTRY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application								
								Speed, km/h (mph)						Recommended load, kg (lbs)		
		SW	OD	mm in	mm in	mm in	mm in	bar psi	Drive wheel					10*HT 6*HT	10*LT 6*LT	
		mm in	mm in						Static	10 6	25 16	30 19	40 25			50 31
380/70-24	W12	380	1206	558	3614	14	2.7	4370	2850	2110	2030	1900	1730	1900	2340	
	W11	15	47.5	22	142.3	130A8	39	9630	6280	4650	4470	4190	3810	4190	5150	
	W13					138A2										
420/70-24	W13	418	1265	582	3774	14	3	5430	3540	2620	2530	2360	2150	2360	2900	
	W12	16.5	49.8	22.9	148.6	138A8	44	11960	7800	5770	5570	5200	4740	5200	6400	
	W14L					145A2										
380/70-28	W12	380	1308	609	3935	14	3	5430	3540	2620	2530	2360	2150	2360	2900	
	W11	15	51.5	24	154.9	138A8	44	11960	7800	5770	5570	5200	4740	5200	6400	
	W13					145A2										
420/70-28	W13	418	1364	633	4095	14	2.5	5430	3750	2780	2680	2500	2280	2500	3080	
	W12	16.5	53.7	24.9	161.2	140A8	36	11960	8260	6120	5900	5510	5020	5510	6780	
	W14L					147A2										
480/70-28	W15L	479	1448	668	4334	14	2.7	6670	4350	3220	3100	2900	2640	2900	3570	
	W14L	18.9	57	26.3	170.6	145A8	39	14690	9580	7090	6830	6390	5810	6390	7860	
	W16L					152A2										
600/70R30	DW20B	630	1595	738	4785	14	3.6	11850	7730	5720	5510	5150	4690	5150	6330	
	DW18L	24.8	62.8	29.1	188.4	165A8	52	26130	17040	12610	12150	11350	10340	11350	13960	
	W18L					172A2										
480/70-34	W15L	479	1600	744	4812	14	2.5	6900	4500	3330	3210	3000	2730	3000	3690	
	W14L	18.9	63	29.3	189.4	146A8	36	15200	9910	7330	7070	6610	6010	6610	8130	
	W16L					153A2										
520/70-34	W16L	516	1659	769	4980	14	2.5	8630	5630	4160	4010	3750	3410	3750	4610	
	W18L	20.3	65.3	30.3	196.1	154A8	36	19010	12400	9160	8830	8260	7510	8260	10160	
						161A2										
480/70-38	W15L	479	1715	801	5170	14	2.7	7710	5030	3720	3580	3350	3050	3350	4120	
	W14L	18.9	67.5	31.5	203.5	150A8	39	16980	11080	8190	7890	7380	6720	7380	9080	
	W16L					157A2										
520/70-38	W16L	520	1758	819	5292	14	2.5	8910	5810	4300	4150	3875	3530	3875	4770	
	W16A	20.5	69.2	32.2	208.3	155A8	36	19630	12800	9470	9140	8540	7780	8540	10500	
	W18L					162A2										
580/70-38	W18A	570	1841	854	5528	14	2.5	10350	6750	5000	4820	4500	4100	4500	5540	
		22.4	72.5	33.6	217.6	160A8	36	22800	14870	11010	10620	9910	9030	9910	12190	
						168A2										

# 385

R-1W



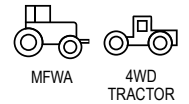
Alliance 385 Agro Forestry is a steel reinforced agricultural tire designed for dealing with all kinds of light forestry operations. Low lug angles provide higher traction necessary for efficient forestry operations. The technical characteristics include steel breakers, high under tread and sidewall gauges and reinforced bead which enable smooth and reliable forestry and agro-industrial operations.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)								Drive wheel				Forestry use	
		SW	OD	Static	10	20	30	40	50	10*HT	10*LT				
mm in	mm in	mm in	6	12	19	25	31	6 *HT	6 *LT						
18.4-34	W16L					14	2.5	8630	5630	4160	4010	3750	3410	3750	4610
	DW16	486	1671	750	5007	154A8	36	19010	12400	9160	8830	8260	7510	8260	10160
	W15L	19.1	65.8	29.5	197.1	161A2									
	DW15L														
20.8-38 (Des. 385)	W18L					14	2.3	10060	6560	4860	4680	4375	3980	4375	5380
	18DD	550	1860	863	5583	159A8	33	22160	14450	10700	10310	9640	8770	9640	11860
	W18A	21.7	73.2	34	219.8	166A2									
	W16L														

# 580

R-4



Alliance 580 is a Agro-Forestry radial tire. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces. The steel belted construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. Long tread life and low tread wear are due to the special tread design. Durable tread rubber compound is another feature of this tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Constant load application							
								Speed, km/h (mph)							
		Recommended load, kg (lbs)								Drive wheel				Forestry use	
		SW	OD	Static	10	25	30	40	50	10*HT	10*LT				
mm in	mm in	mm in	6	15	19	25	31	6 *HT	6 *LT						
400/70-20	13	400	1105	510	3307	156A8	4.7	9200	6000	4440	4280	4000	3640	4000	4920
	11	15.7	43.5	20.1	130.2	163A2	68	20260	13220	9780	9430	8810	8020	8810	10840

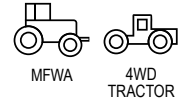


# 356

R-1

SC  
SPECIAL  
COMPOUND

SB  
STEEL  
BELTED



The 356 Forest is a modern diagonal forestry tire for high power tractors on heavy duty jobs in forestry and heavier operations in agriculture. The tire is designed for high traction abilities, low slip and low fuel consumption. The main construction characteristics of the tire are: strong nylon casing and steel belts, high undertread gauge, strong and thick sidewalls, special tread compound and protective mud guard. All these characteristics promise long tire life under heavy working conditions in the forests, as well as, smooth and long lasting work in agriculture. In addition, high non-skid depth promises high traction forces on cohesive and wet soil.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application							
		SW	OD					Speed, km/h (mph)							
		Recommended load, kg (lbs)								Drive wheel				Forestry use	
		mm in	mm in	mm in	mm in	bar psi	Static	10 6	25 15	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT	
11.2-24	DW10	290 11.4	1112 43.8	518 20.4	3346 131.7	10	3	3130 6890	2040 4490	1510 3330	1460 3220	1360 3000	1240 2730	1360 3000	1670 3690
	119A8					44									
	125A2														
12.4-24	DW11	315 12.4	1145 45.1	524 20.6	3407 134.1	12	3.5	4140 9120	2700 5950	2000 4410	1930 4250	1800 3960	1640 3610	1800 3960	2210 4870
	128A8					51									
	136A2														
13.6-24	DW12	345 13.6	1190 46.9	542 21.3	3603 141.9	10	2.5	4140 9120	2700 5950	2000 4410	1930 4250	1800 3960	1640 3610	1800 3960	2210 4870
	128A8					36									
	136A2														
13.6-24	W12	345 13.6	1190 46.9	542 21.3	3603 141.9	12	3	4600 10130	3000 6610	2220 4890	2140 4710	2000 4410	1820 4010	2000 4410	2460 5420
	132A8					44									
	139A2														
14.9-24	DW13	378 14.9	1245 49	562 22.1	3793 149.3	14	3	5430 11960	3540 7800	2620 5770	2530 5570	2360 5200	2150 4740	2360 5200	2900 6400
	138A8					44									
	144A2														
14.9-24	W13	378 14.9	1245 49	562 22.1	3793 149.3	18	3.8	6270 13810	4090 9010	3020 6650	2920 6430	2725 6000	2480 5460	2725 6000	3350 7380
	143A8					55									
	150A2														
18.4-26	W16L	467 18.4	1440 56.7	656 25.8	4273 168.2	10	2.1	5920 13040	3860 8500	2860 6300	2760 6080	2575 5670	2340 5150	2575 5670	3170 6970
	141A8					30									
	148A2														
18.4-26	W15L	467 18.4	1440 56.7	656 25.8	4273 168.2	14	3	7250 15970	4730 10420	3500 7710	3370 7420	3150 6940	2870 6320	3150 6940	3870 8540
	148A8					44									
	155A2														
13.6-28	DW12	345 13.6	1295 51	595 23.4	3863 152.1	10	2.5	4370 9630	2850 6280	2110 4650	2030 4470	1900 4190	1730 3810	1900 4190	2340 5150
	130A8					36									
	138A2														
13.6-28	W12	345 13.6	1295 51	595 23.4	3863 152.1	14	3.5	5290 11650	3450 7600	2550 5620	2460 5420	2300 5070	2090 4600	2300 5070	2830 6240
	137A8					51									
	144A2														
14.9-28	DW13	378 14.9	1350 53.1	618 24.3	4019 158.2	14	3	5750 12670	3750 8260	2780 6120	2680 5900	2500 5510	2280 5020	2500 5510	3080 6780
	140A8					44									
	147A2														
14.9-28	W12D	378 14.9	1350 53.1	618 24.3	4019 158.2	14	2.7	6670 14690	4350 9580	3220 7090	3100 6830	2900 6390	2640 5810	2900 6390	3570 7860
	145A8					39									
	152A2														
16.9-28	W14L	429 16.9	1420 55.9	645 25.4	4207 165.6	14	2.7	6670 14690	4350 9580	3220 7090	3100 6830	2900 6390	2640 5810	2900 6390	3570 7860
	145A8					39									
	152A2														
16.9-28	DW14	429 16.9	1420 55.9	645 25.4	4207 165.6	14	3	6440 14190	4200 9250	3110 6850	3000 6610	2800 6170	2550 5620	2800 6170	3440 7590
	144A8					44									
	151A2														
16.9-30	DW15L	429 16.9	1475 58.1	684 26.9	4426 174.3	14	2.6	6440 14190	4200 9250	3110 6850	3000 6610	2800 6170	2550 5620	2800 6170	3440 7590
	144A8					38									
	151A2														
16.9-30	W15	429 16.9	1475 58.1	684 26.9	4426 174.3	14	2.6	6440 14190	4200 9250	3110 6850	3000 6610	2800 6170	2550 5620	2800 6170	3440 7590
	144A8					38									
	151A2														

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. ess.	Constant load application								
		SW	OD					Speed, km/h (mph)						Recommended load, kg (lbs)		
		mm in	mm in	mm in	mm in	Drive wheel					Forestry use					
						Static	10 6	25 15	30 19	40 25	50 31	10*HT 6*HT	10*LT 6*LT			
							bar psi									
18.4-30	W16L					14										
	DW16L	467	1545	712	4618	151A8	2.6	7940	5180	3830	3690	3450	3140	3450	4240	
	W15L	18.4	60.8	28	181.8	158A2	38	17490	11410	8440	8130	7600	6920	7600	9350	
	DW15L															
16.9-34	DW15					14										
	W15L	429	1575	722	4693	146A8	2.5	6900	4500	3330	3210	3000	2730	3000	3690	
	W14L	16.9	62	28.4	184.8	153A2	36	15200	9910	7330	7070	6610	6010	6610	8130	
						18										
16.9-38	W15L					14										
	DW15	429	1675	772	5007	149A8	2.6	7480	4880	3610	3480	3250	2960	3250	4000	
	W14L	16.9	65.9	30.4	197.1	156A2	38	16480	10750	7950	7670	7160	6520	7160	8810	
						14										
18.4-38	W16L					14										
	16DD	467	1750	803	5217	155A8	2.5	8910	5810	4300	4150	3875	3530	3875	4770	
	W16A	18.4	68.9	31.6	205.4	162A2	36	19630	12800	9470	9140	8540	7780	8540	10500	
	DW15L															
20.8-38 (Des. 385)	W18L					14										
	18DD	550	1860	863	5583	159A8	2.3	10060	6560	4860	4680	4375	3980	4375	5380	
	W18A	21.7	73.2	34	219.8	166A2	33	22160	14450	10700	10310	9640	8770	9640	11860	
	W16L															




# CONSTRUCTION AND INDUSTRIAL



# Tire Patterns by Segments

## Skidsteer

### 550 MULTIUSE



TRACTION

DRIVING COMFORT


DUTY CYCLE

TIRE LIFE

**WRC** **SB**  
WEAR RESISTANT COMPOUND STEEL BELTED

**R-4** Pg.No.130

### SK-906



TRACTION

DRIVING COMFORT


DUTY CYCLE

TIRE LIFE

**C+C** **ARC**  
CUT&CHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND

**R-4** Pg.No.130

### SK-903



TRACTION

DRIVING COMFORT


DUTY CYCLE

TIRE LIFE

**C+C** **ARC**  
CUT&CHIP RESISTANT COMPOUND ABRASION RESISTANT COMPOUND

**R-4** Pg.No.130

### 202



TRACTION


DUTY CYCLE

TIRE LIFE

**L-5** Pg.No.131

## Backhoe Loader

### 550 MULTIUSE



TRACTION

ROADABILITY


DRIVING COMFORT

LOAD CARRYING CAPACITY

**SB**  
STEEL BELTED

**R-4** Pg.No.134

### 580



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT


LOAD CARRYING CAPACITY

GROUND STABILITY

**SB** **WRC**  
STEEL BELTED WEAR RESISTANT COMPOUND

**R-4** Pg.No.134

### 570



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT


LOAD CARRYING CAPACITY

GROUND STABILITY

**C+C**  
CUT&CHIP RESISTANT COMPOUND

**R-4** Pg.No.135

### 533



TRACTION

ROADABILITY

TIRE LIFE


DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

**R-4** Pg.No.136

### 302



TRACTION


TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

**E-2G-2L-2** Pg.No.137

### HI TRACTION 321



TRACTION

ROADABILITY

TIRE LIFE


DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY

**R-4** Pg.No.138

### TOUGH-TRAC 325



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT


LOAD CARRYING CAPACITY

GROUND STABILITY

**HRC**  
HEAT RESISTANT COMPOUND

**R-4** Pg.No.139

### 500



TRACTION

ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY


DUTY CYCLE

GROUND STABILITY

**SC**  
SPECIAL COMPOUND

**R-4** Pg.No.139

### 211



ROADABILITY


TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

**F-3** Pg.No.140

### 239



ROADABILITY


TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

**F-3** Pg.No.140

### 585




TRACTION

TIRE LIFE

DUTY CYCLE

**R-4** Pg.No.141

### 321 PLUS




TRACTION

TIRE LIFE

DUTY CYCLE

**R-4** Pg.No.141

### 202



TRACTION

DUTY CYCLE

TIRE LIFE

**L-4** Pg.No.142




# Tire Patterns by Segments

## Telehandler

**580**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**R-4**

**WRC SB**  
WEAR RESISTANT COMPOUND STEEL BELTED  
Pg.No.144

**570**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**R-4**

**HRC C+C**  
HEAT RESISTANT COMPOUND CUTCHIP RESISTANT COMPOUND  
Pg.No.145

**TRACTION INDUSTRIAL**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**I-3**

**C+C**  
CUTCHIP RESISTANT COMPOUND  
Pg.No.146

**585**

TRACTION	
TIRE LIFE	
DUTY CYCLE	




**R-4**

Pg.No.147

## CWL

**606**

TRACTION	
ROADABILITY	
TIRE LIFE	
LOAD CARRYING CAPACITY	
DUTY CYCLE	
GROUND STABILITY	




**R-4**

**WRC SB**  
WEAR RESISTANT COMPOUND STEEL BELTED  
Pg.No.150

**608**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**R-4**

**WRC SB**  
WEAR RESISTANT COMPOUND STEEL BELTED  
Pg.No.151

**601 MUD & SNOW**

TRACTION	
ROADABILITY	
TIRE LIFE	
LOAD CARRYING CAPACITY	
DUTY CYCLE	
GROUND STABILITY	




**R-4**

**SC SB**  
SPECIAL COMPOUND STEEL BELTED  
Pg.No.153

**326 WIDE GRIP**


TRACTION	
ROADABILITY	
TIRE LIFE	
LOAD CARRYING CAPACITY	



**E-2L-2IG-2**

**SC**  
SPECIAL COMPOUND  
Pg.No.153

**229**




**R-4**

**SB**  
STEEL BELTED  
Pg.No.154

**585**

TRACTION	
TIRE LIFE	
DUTY CYCLE	




**R-4**

Pg.No.154

## UTILITY TRACTOR

**580**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**R-4**

**WRC SB**  
WEAR RESISTANT COMPOUND STEEL BELTED  
Pg.No.155

**570**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**R-1**

Pg.No.157

**317**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
GROUND STABILITY	




**R-1**

**WRC HRC**  
WEAR RESISTANT COMPOUND HEAT RESISTANT COMPOUND  
Pg.No.158

**533**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
SOIL PROTECTION	




**R-4**

Pg.No.159

**300 MPT**

ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	




**R-4**

**SC AS**  
SPECIAL COMPOUND ALL STEEL  
Pg.No.160

## Excavator

**390**

TRACTION	
TIRE LIFE	
LOAD CARRYING CAPACITY	
DUTY CYCLE	
GROUND STABILITY	




**I-2**

**SC WRC**  
SPECIAL COMPOUND WEAR RESISTANT COMPOUND  
Pg.No.162

**380**

TRACTION	
TIRE LIFE	
LOAD CARRYING CAPACITY	
DUTY CYCLE	
GROUND STABILITY	




**I-2**

**SC WRC SB**  
SPECIAL COMPOUND WEAR RESISTANT COMPOUND STEEL BELTED  
Pg.No.162

**506 DUAL MASTER**

TRACTION	
ROADABILITY	
TIRE LIFE	
DRIVING COMFORT	
LOAD CARRYING CAPACITY	
DUTY CYCLE	
GROUND STABILITY	



**I-2**

**SC AS**  
SPECIAL COMPOUND ALL STEEL  
Pg.No.163

# Tire Patterns by Segments

## Excavator

**528 DUAL MASTER**

TRACTION

ROADABILITY


TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY



**I-2**

**SC** SPECIAL COMPOUND

**AS** ALL STEEL

Pg.No.163

**225**


TRACTION

ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

GROUND STABILITY



**E-2**

**HRC** HEAT RESISTANT COMPOUND

**C+C** CUT&CHIP RESISTANT COMPOUND

Pg.No.163

**224**


TRACTION

ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

GROUND STABILITY



**E-2**

**SC** SPECIAL COMPOUND

Pg.No.164

**624**

TRACTION

ROADABILITY


TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY



**R-4**

**SC** SPECIAL COMPOUND

**AS** ALL STEEL

Pg.No.165

**331**


TRACTION

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY



**I-3**

**WRC** WEAR RESISTANT COMPOUND

Pg.No.165

**344**

TRACTION

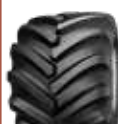
ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

DUTY CYCLE

GROUND STABILITY



**LS-2**

**SB** STEEL BELTED

Pg.No.166

**839**


TRACTION

ROADABILITY

TIRE LIFE

LOAD CARRYING CAPACITY

GROUND STABILITY



**E-2**

**C+C** CUT&CHIP RESISTANT COMPOUND

Pg.No.166

## Paver and Compactor

**329**


ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY



**R-3**

Pg.No.168

**330**


ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY



**R-3**

**C+C** CUT&CHIP RESISTANT COMPOUND

Pg.No.169

**890**


ROADABILITY

TIRE LIFE

DRIVING COMFORT

LOAD CARRYING CAPACITY

GROUND STABILITY



**C-1**

Pg.No.170


## LAWN, GARDEN & TURF

**221**

TRACTION

SOIL PROTECTION

TIRE LIFE



**FLOTATION**

**HF-2**


Pg.No.172

**322**

TRACTION

SOIL PROTECTION

TIRE LIFE



**FLOTATION**

**HF-1**


Pg.No.173

**332**

TRACTION

SOIL PROTECTION

TIRE LIFE



**FLOTATION**

**HF-3**


Pg.No.173

**579**

DRIVING COMFORT

TIRE LIFE

DUTY CYCLE



**R-3+**

Pg.No.174

A skid steer loader is shown in a field, with a red overlay on the right side of the image. The loader is white and has a bucket raised. The text "SKID STEER" is written in large, white, bold letters across the bottom of the image. The background shows a cloudy sky and a flat landscape.

**SKID STEER**

# 550 MULTIUSE



550 MULTIUSE pattern is used in agricultural applications because of its versatile tread design. Specific block tread design enables high performances on snow-covered as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides a good grip on soft surfaces. In addition, high number of blocks and rubber to void tread ratio, enables long tread wear life and low rolling resistances during transport operation on hard surfaces. Uniform ground pressure distribution and tread wear are provided by steel belted carcass structure. In addition, steel belts give the most efficient puncture protection.



These R-4 tires have been developed for Skid Steer application.

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
								Constant load				
mm in	mm in	mm in	mm in	Bar psi	Static	10 6	25 16	30 19	40 25			
265/70R16.5 (10R16.5)	8.25	264	773	349	2345	130A2	4	3000	1900	1370	1290	1250
		10.4	30.4	13.7	92.3							
305/70R16.5 (12R16.5)	9.75	304	832	374	2469	141A5	4	3610	2780	2575	2500	1800
		12	32.8	14.7	97.2							

# SK-906



All new pattern for skid steer SK-906 is more open and deeper at the shoulders for good traction in soft soil. Solid center for long wear on hard surfaces. Open, deep shoulders for off-road traction. Has highly abrasion resistant tread compound. Features a rim shield protector and a heavy sidewall. The tread radius is relatively flat which is good for wear on hard surfaces.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
								mm in	mm in
#11L-16*						12	-----UNDER DEVELOPMENT-----		
10-16.5	8.25	260	768	355	2290	8	4.1	1880	
						10	5.2	2135	
						12	6.2	2375	
						138A2	90	5240	
12-16.5	9.75	295	820	381	2464	8	3.4	2180	
						10	4.5	2540	
						12	5.5	2865	
						14	6.5	3620	
14-17.5 NHS	10.5	349	921	420	2771	14	5.5	3875	
						16.5	109.1	80	8543

#Backhoe size

# SK-903



The Alliance SK-903 is a specialized tire developed for Skidsteer applications. The open and deep shoulders are designed for traction on loose off-road surfaces. The flatter radius of the tire improves the wear resistance. Solid center lug for improved wear resistance. Rim Shield Protector on sidewall for shock protection



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								mm in	mm in	mm in	mm in	mm in			
10x16.5NHS	8.25	260	773	356	2351	8	4.1	2970	1	5	10	6			
													1	3	6
													1	3	6
													1	3	6
12x16.5NHS	9.75	307	831	380	2510	10	4.5	4015	1	5	10	6			
													1	3	6
													1	3	6
													1	3	6
12x16.5NHS	9.75	12.1	32.7	15	98.8	12	5.5	4525	1	5	10	6			
													1	3	6
12x16.5NHS	9.75	12.1	32.7	15	98.8	12	80	9990	1	5	10	6			
													1	3	6

# 202 L-5



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comfort.



SIZE	PR & LI	TYPE	RIM	OD	SW	RC	Loaded Stat-ic Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
14x17.5NHS	14	TL	10.5	935	358	2743	427	3875	5.5	10
				36.8	14.1	108	16.8	8543	80	6
12x16.5 NHS	12	TL	9.75	838	307	2438	384	2575	4.5	9
				33	12.1	96	15.1	5677	65	6
10x16.5 NHS	10	TL	8.25	805	259	2337	366	2180	4.15	8
				31.7	10.2	92	14.4	4806	60	5





# BACKHOE LOADER



# 550 MULTIUSE



MULTIUSE 550 has been developed for specific applications on Backhoe loaders, Municipality and Industrial tractors (tractors dealing mostly with transport on hard surfaces and compact construction machinery). Specific block tread design enables high performances on snow-covered terrains, as well as on sandy terrains. Basic directional lug design, divided by separated blocks, provides good grip on soft surfaces. In addition, high number of blocks and rubber to void ratio, provides long tread life and low rolling resistances during transport operation on hard surfaces. In addition, steel belt provides the most efficient puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Constant load						Cyclic Applications		
		SW	OD					Static	10	25	30	40	50	65	10	15
		mm in	mm in													
DW15L																
DW14L																
460/70R24 IND (17.5LR24)	DW16L	460	1250	568	3752	159A8	4	10060	5470	4860	4680	4375	4375	—	6560	5860
	14	18.1	49.2	22.4	147.7	159B	58	22160	12050	10700	10310	9640	9640	—	14450	12910
	16															
TW14L																
500/70R24 IND (19.5LR24)	DW15	505	1308	591	3920	164A8	4	11500	6250	5550	5350	5000	5000	—	7500	6700
	DW16	19.9	51.5	23.3	154.3	164B	58	25330	13770	12220	11780	11010	11010	—	16520	14760
480/80R26 IND (18.4R26)	DW15	483	1425	645.5	4266	160A8	3.2	10350	5630	5000	4820	4500	4500	—	6750	6030
	DW16	19	56.1	25.4	168	160B	46	22800	12400	11010	10620	9910	9910	—	14870	13280

# 580



Alliance 580 is built with unique tread pattern that enables strong grip and high traction on soft surfaces, as well as work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially while working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Constant load						Cyclic Applications		
		SW	OD					Static	10	25	30	40	50	10 <sup>A</sup>	15	
		mm in	mm in													6
280/80R18 (10.5R18)	W8	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680	
	W9	11.1	35.6	16.5	109.1	132B	58	10140	5510	4890	4720	4410	4410	6610	5910	
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550	
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830	
400/70R18IND	W13	404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120	
	W12	15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080	
400/70R20	W13	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360	
		16.1	42.2	19.1	127.5	149B	58	16490	8950	7960	7670	7170	7170	10760	9610	
340/80R20IND (12.5R20IND)	11															
	12															
	11SDC 12SDC	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750	
	W10, W11	13.5	41.4	18.8	126	144B	58	14200	7720	6860	6610	6170	6170	9260	8270	
440/80R24 (16.9R24) IND	DW14L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200	
	DW15L 14, TW14L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15300	13660	
460/70R24 (17.5LR24) IND	DW15L															
	DW14L															
	DW16L	462	1250	567	3701	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860	
	14	18.2	49.2	22.3	145.7	159B	58	22160	12050	10700	10310	9640	9640	14460	12910	
	16															
	TW14L															

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load						Cyclic Applications	
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6
500/70R24 (19.5LR24) IND	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16540	14760
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13230	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16540	14760



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction performances on soft surfaces, as well as comfortable work on hard surfaces and stable running on the roads. The strong polyester construction enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial tire construction provides even pressure distribution, high productivity and optimal fuel consumption.



## 570 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load						Cyclic Applications		
								mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	30 19
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
							36	16480	8940	7310	7160	6520	10750	7670	7160	6520
							3	9200	5000	4080	4000	3640	6000	4280	4000	3640
							44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
							44	16980	9230	7530	7380	6720	11080	7890	7380	6720
							4	10060	5470	4680	4375	4000	6560	4680	4375	4000
							58	22160	12050	10310	9640	8810	14450	10310	9640	8810
400/70-20	11 13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
							58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
							45	16980	9230	7670	7380	6720	11080	7890	7380	6720

## 570 BACKHOE & EARTH MOVER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Transport				Loading				
								10 6	20 12	30 19	40 25	50 31	Static	1 1	5 5	10 10
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
							54	8520	7750	6960	6540	6000	13660	11100	9650	8540

## 570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
405/70R20 MPT	13	421	1080	492	3291	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
							58	8880	7400	6170	5680	5530	5420	5290	5130	4930



# 533 R-4



Alliance 533 is an industrial drive wheel tire. The tire's heavy nylon construction is designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and braking power as well as high mileage on road. This pattern can be used for some of the Agriculture applications also.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)													
		Speed, km/h (mph)																				
		Free rolling				Drive wheel																
		SW	OD	mm in	mm in	mm in	mm in	Load index speed Sym	bar psi	10 6	25 12	30 19	40 25	10 6	20 12	30 19	40 25					
15.5/80-24	W12 W13 W14L	394	1262	552	3652	12	154A6															
							150A8	2.5	4840	4280	3750	3380	3420	3020	2650	2390						
							142A6	36	10660	9430	8265	7440	7530	6650	5840	5260						
							138A8															
	157A6																					
	154A8	3	5320	4700	4125	3710	3740	3310	2900	2610												
	145A6	44	11720	10350	9090	8170	8240	7290	6390	5750												
	142A8																					
	163A6																					
	159A8	4	6290	5560	4875	4390	4450	3930	3450	3110												
	151A6	58	13850	12250	10740	9670	9800	8660	7600	6850												
	147A8																					
16.5/85-24	W13 W14L W15L	417	1320	580	3831	12	162A6															
							158A8	2.7	6130	5420	4750	4280	4320	3820	3350	3020						
							150A6	39	13500	11940	10460	9430	9520	8410	7380	6650						
							146A8															
							163A6															
16.5/85-28	W13L W14L W15L	417	1423	626	4133	12	159A8	2.8	6290	5560	4875	4390	4450	3930	3450	3110						
							151A6	41	13850	12250	10740	9670	9800	8660	7600	6850						
							147A8															
							147A8															

## 533 BACKHOE & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		Industrial Use								Agricultural Use						
		Speed, km/h (mph)				Road Transport		Field								
		SW	OD	mm in	mm in	mm in	mm in	Infl.	Constant load	Cyclic Applic	Infl.	Bar psi	20 12	40 25	50 31	10 6
14.9-24	W13 W12	378	1241	560	3661	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
						145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
16.9-24	W15L	429	1309	589	3855	12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
17.5L-24	W15L W14L	444	1240	551	3623	8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
						139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
						144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
18.4-24	W16L W15L	467	1375	605	3992	12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
						155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030
19.5L-24	W17L W16L	495	1314	580	3823	12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
						151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
21L-24	DW18L W18L	533	1377	605	3995	10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250						



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		Industrial Use					Agricultural Use									
		Inf.	Constant load		Cyclic Applic		Infil.	Road Transport			Field					
bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6							
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4142 163.1	10	2	2980	3650	4490	3650	1.8	2550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
						12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
18.4-28	W16L	467 18.4	1477 58.1	655 25.8	4310 169.7	12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
						36	9910	9090	11170	9090	32	9070	6770	6170	7250	
16.9-30	W15L W14	440 17.3	1470 57.9	664 23.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

## 302 E-2/G-2/L-2



Alliance 302 Industrial Implement tire is a heavy duty implement tire for industrial application and for all types of hard surfaces. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		Industrial Use					Agricultural Use									
		Inf.	Constant load		Cyclic Applic		Infil.	Road Transport			Field					
bar psi	20 12	40 25	20 12	40 25	Bar psi	20 12	40 25	50 31	10 6							
14.9-28	W13 W12	378 14.9	1343 52.9	606 23.9	3962 156	12	3.1	3430	3150	3870	3150	2.7	3160	2360	2150	2530
						148A8	45	7560	6940	8520	6940	39	6960	5200	4740	5570
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
						14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070

# HI TRACTION 321

R-4



Alliance 321 Construction Machinery tire is designed for tough on & off road requirements of modern compact construction machinery and other equipment where moderate traction and long life is required. Its strong nylon carcass casing provides improved resistance to structural failure of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press. bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								Static	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
10.5/80-18	9	277	910	410	2680	10	3.7	3600	2030	1700	1600	1540	1480	1430	1390	1360
		10.9	35.8	16.1	105.5	119 B	54	7930	4470	3740	3520	3390	3260	3150	3060	3000
12.5/80-18	9 11	308	987	440	3021	10	3.1	4510	2530	2130	2010	1920	1850	1790	1730	1700
							45	9930	5570	4690	4430	4230	4070	3940	3810	3740
		12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850				
		129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070				
		16	4.9	5775	3250	2725	2570	2465	2375	2290	2220	2180				
135B	71	12730	7165	6010	5665	5435	5235	5050	4895	4805						
10.5-20	9	270	955	433	2830	10	3.75	3840	2160	1810	1710	1640	1580	1520	1480	1450
		10.6	37.6	17	111.4	122B	54	8460	4760	3990	3770	3610	3480	3350	3260	3190
12.5-20	11	325	1040	475	3090	12	3.5	4900	2760	2310	2180	2090	2020	1940	1890	1850
		12.8	40.9	18.7	121.7	122B	51	10790	6080	5090	4800	4600	4450	4270	4160	4070
12.5/80-18 HD	9 11	308	987	440	2890	12	3.7	4900	2760	2310	2180	2090	2020	1940	1890	1850
		12.1	38.9	17.3	113.8	129 B	54	10790	6080	5090	4800	4600	4450	4270	4160	4070

## 321 BACKHOE & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press. bar psi	Recommend load, kg (lbs)																
		SW mm in	OD mm in						Speed, km/h (mph)																
									Free rolling				Drive Wheel												
									10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31									
10.5/80-18	9	277	910	410	2683	10	131A8	3.7	2730	2320	1950	1760	1900	1620	1360	1220									
							127 B																		
							119A8										54	6010	5110	4300	3880	4190	3570	3000	2690
12.5/80-18	9 11	308	987	440	2891	10	115 B	3.1	3400	2890	2430	2190	2380	2020	1700	1530									
							139A8																		
							134 B										45	7490	6370	5350	4820	5240	4450	3740	3370
							126A8																		
							123 B																		
10.5-20	9	270	955	433	2827	10	142A8	3.75	2880	2450	2060	1850	2030	1730	1450	1310									
							138 B																		
							129A8										54	8170	6940	5840	5260	5700	4850	4070	3680
12.5-20 NHS	11	325	1040	475	3093	12	125 B	3.5	3710	3150	2650	2390	2590	2200	1850	1670									
							133A8																		
							125A8										51	8170	6940	5840	5260	5700	4850	4070	3680
							122 B																		

# TOUGH-TRAC 325

R-4

HRC

HEAT RESISTANT COMPOUND



Alliance 325 ToughTrac tire is designed for heavy duty applications with very good resistance to shock and perforation. This tire has specially designed directional tread pattern with massive lug design, aggressive tread pattern and flat stable crown having extra thick sidewall and under tread, making it ideal for compact machineries.



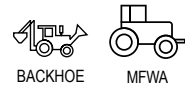
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		Mixed application										
		mm in	mm in					mm in	mm in	mm in	Static	10 6
280/80-18	W9	282	905	411	2681	132A8	4	4600	2500	2120	2080	2000
		11.1	35.6	16.2	105.6	58	10140	5510	4675	4585	4410	
340/80-20	11	340	1045	473	3088	145A8	5.6	6670	3625	3075	3015	2900
		13.4	41.1	18.6	121.6	81	14705	7992	6779	6647	6393	
400/80-24	DW13	404	1250	568	3725	144A8	4	6440	3500	2970	2910	2800
		15.9	49.2	22.4	146.7	58	14190	7710	6540	6410	6170	
400/80-24IND	DW13	404	1250	568	3725	162A8	5	10930	5940	5040	4940	4750
		15.9	49.2	22.4	146.7	73	24100	13100	11110	10890	10470	
440/80-24	DW14L	460	1328	603	3933	162A8	5	10930	5940	5040	4940	4750
		18.1	52.3	23.7	154.8	73	24100	13100	11110	10890	10470	
440/80-24IND	DW14L	441	1314	597	3892	168A8	5	12880	7000	5940	5820	5600
		17.4	51.7	23.5	153.2	73	28370	15420	13080	12820	12330	
Steel Belted							73	28370	15420	13080	12820	12330

# 500

R-4

SC

SPECIAL COMPOUND



Alliance 500 is a modern radial tire for industrial tractors. The tire displays high traction, braking, mileage, riding comfort in transport applications and better resistance to the penetration of sharp objects. All this is achieved by a radial nylon casing, a tough rayon belt, trash shields and a unique self-cleaning tread design.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		Constant load						Cyclic Applications								
		mm in	mm in					mm in	mm in	Static	10 6	30 19	40 25	50 31	10^ 6	30 19
17.5LR24	W15L W14L	445	1240	549	3615	**	1.8	5590	3040	2480	2430	2210	3650	2600	2430	2210
		17.5	48.8	21.6	142.3	139A8	26	12310	6700	5460	5350	4870	8040	5730	5350	4870
						145A8	2.5	6670	3630	2960	2900	2640	4350	3100	2900	2640
						36	14690	8000	6520	6390	5810	9580	6830	6390	5810	
						150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
				44	16980	9230	7530	7380	6720	11080	7890	7380	6720			

# 211 F-3



BACKHOE

Alliance 211 is specifically engineered for the front tires of two-wheel drive backhoes. The 211 provides exceptional tread life. The tire displays good load distribution and wide footprint for high stability.



Size	Type	PR	RIM	OD	SW	RC	SLR	LCC@AP	SP
			Inches	mm in	mm in	mm in	mm in		
11L-15	TL	8	8LB	770	279	2362	363	1060@360	40
				30.3	11.0	93.0	14.3	2340@52	25
11L-15SL	TL	10	8LB	770	274		352	1061 @360	40
				30.3	10.8		13.9	2339 @52	25
11L-16	TL	10	8LB	793	279	2438	373	1120@360	40
				31.2	11.0	96.0	14.7	2470@52	25
11L-16SL	TL	12	8LB	793	274		364	1252 @440	40
				31.2	10.8		14.3	2760 @64	25
	TL	10	8.0x16	803	279	2369	368	1120@3.6	40
				31.6	11	93.3	14.5	2469@52	25

# 239 F-3



BACKHOE

Alliance 239 is a multipurpose low-section steering wheel tire for heavy duty tractors. It provides high mileage on road and in industrial applications. Its strong nylon construction and the use of high grade compounds guarantee long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	All surfaces				Improved surfaces								
				Static	10 6	20 12	30 19	40 25	50 31	70 44	90 56					
14-17.5	10.5	363 14.3	927 36.5	418 16.5	2730 107.5	135G	10	4.8	4470	3160	2730	2570	2460	2380	2270	2180
							135G	70	9850	6960	6010	5660	5420	5240	5000	4800
							14	6.9	5590	3950	3410	3220	3080	2970	2830	2725
							143G	100	12310	8700	7510	7090	6780	6540	6230	6000

# 585 R-4



Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
								mm in	mm in	Constant load				Cyclic Applications	
mm in	mm in	mm in	mm in	Static	10 6	25 12	30 19	40 25	50 31	10 44	15 56				
340/80-18IND (12.5/80-18IND)	11 W11	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
	W10 12SDC 11SDC 12	13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
460/70R24	DW15L DW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	DW16L 14 16 TW14L	18.5	48.9	22.0	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
400/70R20IND (16/70R20IND)	W13 W12 12SDC	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	13SDC W14L	15.9	42.0	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
500/70R24IND	DW16L	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L 16	19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770

# 321 PLUS R-4



Alliance 321 plus is specially designed for backhoes plying on various terrains carrying out wide range of operations. The modern tread pattern with higher tread depth ensures excellent traction and durability. Presence of special heat resistance compound safeguards the tire against damages and ensures long life.



SIZE	PR & LI	Type	Rim	OD	SW	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
				mm in	mm in					
12.5/70-16	14	TL	10LBx16	855	310	2562	395	2240	4.4	10
	136A2			33.7	12.2	100.9	15.6	4938	64	6
15.5/60-18	14	TL	W13x18	950	400	2867	431.5	2900	3.6	10
	145A2			37.4	15.7	112.9	17	6393	52	6
17.5/65-20	14	TL	W14Lx20	1090	450	3378	500.4	3875	3.3	10
	155A2			42.9	17.7	133	19.7	8543	48	6
380/80-24IND (14.9-24IND)	12	TL	W12x24	1241	380	3790	581.3	2900	2.9	40
	145A8			48.9	15	149.2	22.9	6393	42	25
440/80-24 (16.9-24)	12	TL	W15Lx24	1309	429	3933	602.5	3250	2.6	40
	149A8			51.5	16.9	154.8	23.7	7165	38	25
480/80-24 (18.4-24)	12	TL	W15Lx24	1375	480	4216	607.2	3875	2.5	40
	155A8			54.1	18.9	166	23.9	8543	36	25
480/80-26 (18.4-26)	12	TL	W15Lx26	1426	480	4212	643.9	4000	2.5	40
	156A8			56.1	18.9	165.8	25.4	8818	36	25
440/80-28 (16.9-28)	12	TL	W15Lx28	1410	440	4311	642.7	3550	2.6	40
	152A8			55.5	17.3	169.7	25.3	7826	38	25

Size	Rim	Unloaded Dimension		Loaded Static radius	RC	Load Index PR Symbols	Infl. press.	Recommended load, kg (lbs)												
		SW	OD					Drive Wheel						Free Rolling						
								mm in	mm in	Static	10	20	25	30	40	Static	10	20	25	30
mm in	mm in	mm in	mm in	bar	Static	10	20	25	30	40	Static	10	20	25	30	40				
12.5/80-18	W9	312 12.3	995 39.5	443.7 17.5	2986 117.6	12 129A8 142A8 16 135A8 148A8	3.7	4260	2310	2020	1960	1920	1850	6100	3310	2890	2810	2760	2650	
								54	9390	5090	4450	4320	4230	4080	13450	7300	6370	6200	6090	5840
								4.9	5010	2730	2380	2310	2270	2180	7250	3940	3430	3340	3280	3150
								71	11050	6020	5250	5090	5000	4810	15980	8690	7560	7360	7230	6950



# 202 L-4



Alliance 202 has a unique tread pattern that offers superior tire life even while operating in severe conditions. The deep tread pattern of the tire enhances traction and provides resistance to puncture. The presence of the reinforced sidewall of the tire leads to better handling and stability. Alliance 202 also comes with an enhanced load carrying capacity coupled with better riding comfort.



SIZE	PR & LI	TYPE	RIM	O.D.	S.W.	RC	Loaded Static Radius	Recommend- ed Load	Inflation Pressure	Speed
				mm in	mm in		mm in	mm in	kg lbs	bar psi
12.5/80-18NHS	14	TL	W9	965	305	2819	432	2000	4.3	40
	132A8			38	12		111	17	4409	62
18.4-26 IND	14	TL	W16	1427	470	4191	643	4500	2.9	39
				56.2	18.5		165	25.3	9921	42
16.9-28 IND	14	TL	W15	1405	439	4140	632	3875	3	40
				55.3	17.3		163	24.9	8543	44



# TELEHANDLER

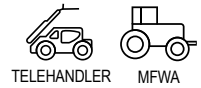
# 580

**R-4**

**WRC**

**SB**

WEAR RESISTANT COMPOUND STEEL BELTED



Alliance 580's unique tread pattern enables strong grip and high traction performance on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on sloppy terrains, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road making it a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



## 580 MPT



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								mm in	mm in	10 6	20 12	30 19	40 25	50 31	60 37	70 44
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126			65	9630	8040	6700	6150	5990	5880	5730	5570
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8			58	12490	10420	8680	7970	7780	7640	7420	7220

## 580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)						Cyclic Applications		
								mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10^ 6
280/80R16IND (11R16IND)	W8	290	850	359	2531	130A8	3.6	4370	2380		1980	1900		2850	2550	
		11.4	33.5	14.1	99.6		52	9630	5250		4370	4190		6280	5620	
280/80R18 (10.5R18) IND	W8 W10	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680	
		11.1	35.6	16.5	109.1	132B	58	10130	5510	4890	4710	4410	4410	6610	5900	
300/75R18 (12.0R18) IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550	
		11.6	35.7	16.5	106.2	142B	73	13450	7300	6480	6260	5840	5840	8770	7830	
340/80R18 (335/80R18) (12.5R18) IND	11 12 11SDC 12SDC W10 W11	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650	
		13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040	
		404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120	
		15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080	
280/80R20 (10.5R20) IND	W8 W10	282	956	437	2846	133A8	4	4740	2580	2290	2200	2060	2060	3090	2760	
		11.1	37.6	17.2	112	133B	58	10440	5680	5040	4850	4540	4540	6810	6080	
380/75R20 (14.5R20) IND	W11 11	380	1078	487	3181	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220	
		15	42.4	19.2	125.2	148B	58	15970	8680	7710	7420	6940	6940	10420	9300	
400/70R20 IND	W13 W12 12SDC 13SDC W14L	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360	
		16.1	42.2	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600	
		425	1138	511	3449	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030	
		16.5	44.8	20.1	135.8	154 B	58	19010	10330	9160	8830	8260	8260	12400	11080	
425/75R20 (16.5R20) IND	11 12 12SDC 13SDC 14															
405/70R24 IND	13 12	404	1170	538	3521	152A8	4	8170	4440	3940	3800	3550	3550	5330	4760	
		15.9	46.1	21.2	138.6	152B	58	18000	9780	8680	8370	7820	7820	11740	10480	

Telehandlers

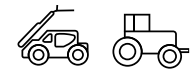
# 580 TELEHANDLER & INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Cyclic Applications								
		SW	OD					Constant load				Cyclic Applications				
mm in	mm in	mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10^ 6	15 9			
440/80R24 (16.9R24) IND	DW14L															
	DW15L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200	
	14	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660	
	TW14L															
460/70R24 (17.5LR24) IND	DW14L															
	DW16L	462	1250	567	3797	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860	
	14	18.2	49.2	22.3	149.5	159B	58	22160	12050	10700	10310	9640	9640	14450	12910	
	16															
	TW14L															
500/70R24 (19.5LR24) IND	DW16L															
	DW15L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	16	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	
480/80R26 (18.4R26) IND	DW15	489	1423	642	4268	160A8	3.2	10350	5630	5000	4820	4500	4500	4750	6030	
	DW16	19.3	56	25.3	168	160B	46	22800	12400	11010	10620	9910	9910	14870	13280	
440/80R28 (16.9R28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360	
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810	
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760	

## 570



HEAT RESISTANT COMPOUND CUT&CHIP RESISTANT COMPOUND



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)						Loading								
		SW	OD					Transport				Loading				
mm in	mm in	mm in	mm in	mm in	mm in	10 6	20 12	30 19	40 25	50 31	Static	1 1	5 3	10 6		
405/70R20	13	421	1080	495	3291	143B	3.75	3870	3520	3160	2970	2725	6200	5040	4380	3875
		16.6	42.5	19.5	129.6	155A2	54	8520	7750	6960	6540	6000	13660	11100	9650	8540

## 570 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		SW	OD					10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
405/70R20 MPT	13	421	1080	492	3291	136G	4	4030	3360	2800	2580	2510	2460	2400	2330	2240
		16.6	42.5	19.5	129.6		58	8880	7400	6170	5680	5530	5420	5290	5130	4930
445/70R24	DW15L	445	1234	564	3670		4	6210	5180	4310	3970	3860	3800	3690	3590	3450
	DW14L	17.5	48.6	22.2	144.5	151G	58	13680	11410	9490	8740	8500	8370	8130	7910	7600
	W14L															
495/70R24	16	499	1304	588	3845	155G	4	6980	5810	4840	4460	4340	4260	4150	4030	3875
		19.6	51.3	23.1	151.4		58	15370	12800	10660	9820	9560	9380	9140	8880	8540

## 570 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Constant load						Cyclic Applications								
		SW	OD					Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31	
425/55R17	13	425	890	395	2663	142A8	4	6100	3980	2840	2650	2650	4640	2920	2650	2650
		16.7	35	15.6	104.8	142B	58	13440	8770	6260	5840	5840	10220	6430	5840	5840

## 570 TRACTOR

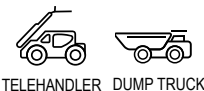
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		Speed, km/h (mph)														
		Constant load						Cyclic Applications								
		SW	OD					Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31
mm in	mm in	mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31	
425/55R17	13	425	890	395	2663	140A8	3.5	5750	3750	2680	2500	2500	4380	2750	2500	2500
		16.7	35	15.6	104.9	140 B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
		19.5	52	23.6	154	146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
		156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640				
		153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020				
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3797	147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
		17.5	49	22.2	149.5	159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
		159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810				
400/70-20	11 13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
		16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
17.5L-24	W15L W14L	445	1250	573	3727	12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
		17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720

## TRACTION INDUSTRIAL

I-3

C+C

CUT&CHIP RESISTANT COMPOUND



TELEHANDLER DUMP TRUCK

Alliance 323 MPT tire is designed for specific applications on telescopic handlers and compact wheel loaders. It has superior carcass and bead construction which aid in improving tire life. The extra deep lug provides excellent wear under most severe working conditions. Its specially designed directional tread pattern provides excellent traction and self-cleaning properties. This tire is engineered with a special rubber compound which provides better chunk, tear resistance and long tire life.



HARD SURFACE



ON & OFF ROAD CONSTRUCTION



## 323 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommended load, kg (lbs)				
		Speed, km/h (mph)											
		SW	OD						10	20	30	40	50
		mm in	mm in						6	12	19	25	31
405/70-20 16.0/70-20	13	407	1076	496	3160	14	149B	3.5	5200	4030	3705	3575	3250
		16	42.4	19.5	124.4		51	11465	8885	8170	7880	7165	
405/70-24 16.0/70-24	13	407	1178	546	3460	14	152B	4	5680	4400	4045	3905	3550
		16	46.4	21.5	136.2		58	12520	9700	8915	8610	7825	



# 585 R-4



Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Recommended load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Constant load				Cyclic Applications			
mm in	mm in	mm in	mm in	mm in	mm in	Speed Symbol	bar psi	Static	10 6	25 12	30 19	40 25	50 31	10 44	15 56
340/80-18IND (12.5/80-18IND)	11 W11 W10	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650
	12SDC 11SDC 12	13.6	39.4	17.9	117.1	143B	58	13820	7520	6370	6240	6010	6010	9020	8050
400/70R18IND (16.0/70R18IND)	13 12 12SDC	404	1017	460.8	3026	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
	13.00	15.9	40	18.1	119.1	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
400/70R20IND (16/70R20IND)	W13 W12	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
	12SDC 13SDC W14L	15.9	42.0	19.1	127.4	149B	58	16490	8950	7960	7670	7170	7170	10760	9610
340/80R20IND (12.5R20IND)	11 W11	343	1052	472	3126	144A8	4	6440	3500	3050	2910	2800	2800	4200	3750
	w10	13.5	41.4	18.6	123.1	144B	58	14200	7720	6720	6420	6170	6170	9260	8270
400/80R24IND (14.9R24IND)	W12 W13	404	1250	567.1	3752	162A8	5	10930	5940	5180	4940	4750	4750	7130	6370
	W14L DW12 DW14L	15.9	49.2	22.3	147.7	162B	73	24100	13100	11420	10890	10470	10470	15720	14040
460/70R24	DW15L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
	DW14L DW16L 14 16 TW14L	18.5	48.9	22.0	145.8	159B	58	22180	12060	10710	10320	9650	9650	14460	12920
440/80R24IND (16.9R24IND)	DW14L	441	1314	592	3936	161A8	4	10640	5780	4900	4810	4625	4625	6940	6200
	DW15L 14 TW14L	17.4	51.7	23.3	155	161B	64	25350	13780	11680	11460	11020	11020	16540	14770
500/70R24IND	DW16L	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L 16	19.6	51.6	23.3	154.3	164B	58	25350	13780	12240	11800	11020	11020	16540	14770
480/80R26IND	W16L W15L	484	1428	641.2	4258	167A8	4	12540	6810	5940	5670	5450	5450	8180	7300
	DW16L	19.1	56.2	25.2	167.6	167B	58	27650	15010	13100	12500	12020	12020	18030	16090







**COMPACT WHEEL LOADER  
AND UTILITY TRACTOR**



# COMPACT WHEEL LOADER

606

R-4

WRC

WEAR RESISTANT COMPOUND

SB

STEEL BELTED



COMPACT LOADER



BACKHOE



WHEEL LOADER



DOZER



ARTICULATED DUMP TRUCK



DUMP TRUCK

Alliance 606 tire for Loaders and Dozers is a low section tire for light earthmoving equipment. The tire is an all steel radial tire with steel belted construction. The unique non-directional tread design suits on/off road services. High mileage, easy self cleaning, best traction, fuel saving and ride comfort are some of its advantages.



## 606EARTH MOVER - COMPACT MACHINERY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road					Hard Improved Surfaces						
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)					
								bar psi	Speed, km/h (mph)				bar psi	Speed, km/h (mph)				
									Static	5 3	10 6			25 16	Static	5 3	10 6	25 16
335/80R18	11	371	984	443	2900	145A2	3.75	4640	3280	2900	2470	4.5	5220	4210	3920	3630		
		14.6	38.7	17.4	114.2		54	10220	7220	6390	5440	65	11500	9270	8630	8000		
365/70R18	11 13	400	1000	440	2902	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750		
		15.7	39.4	17.3	114.2		54	10570	7470	6610	5620	65	11890	9580	8920	8260		
405/70R18	13 13SDC																	
	12																	
	11	452	1070	461	3070	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560		
	W14L DW14L	17.8	42.1	18.1	120.9		54	12860	9070	8040	6830	65	14470	11650	10860	10040		
12.5R20 EM	11																	
	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840		
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460		
12SDC																		
16/70R20 EM	13 13SDC																	
	12																	
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840		
W14L DW14L	16.8	42.4	18.6	123.2	54		13660	9650	8540	7250	65	15370	12380	11520	10660			
335/80R20EM	11																	
	11SDC	366	1076	474	3130	147A2	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840		
	12	14.4	42.4	18.7	123.2		54	10840	7640	6770	5750	65	12200	9820	9140	8460		
12SDC																		
365/80R20EM	11																	
	11SDC	400	1127	493	3260	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560		
	12	15.7	44.4	19.4	128.3		54	12860	9070	8040	6830	65	14470	11650	10860	10040		
12SDC																		
405/70R20EM	13 13SDC																	
	12																	
	11	427	1076	473	3130	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840		
	W14L DW14L	16.8	42.4	18.6	123.2		54	13660	9650	8540	7250	65	15370	12380	11520	10660		
16/70R24 EM	13	452	1223	538	3550	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310		
		17.8	48.1	21.2	139.8		54	14980	10570	9360	7950	65	16850	13570	12640	11700		
17.5/70R24 EM	W14L																	
	13SDC																	
	13	502	1299	567	3750	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440		
	W15L DW15L DW14L	19.8	51.1	22.3	147.6		54	18150	12820	11340	9650	65	20420	16450	15310	14190		
405/70R24EM All Steel	13	425	1180	527	3548	158A2	3.75	6800	4800	4250	3610	4.5	7650	6160	5740	5310		
		13SDC	16.7	46.5	20.7		139.7	54	14980	10570	9360	7950	65	16850	13570	12640	11700	
455/70R24EM All Steel	W14L																	
	13SDC																	
	13	473	1247	537.4	3580	165A2	3.75	8240	5820	5150	4380	4.5	9270	7470	6950	6440		
	W15L DW15L DW14L	18.6	49.09	21.2	140.9		54	18150	12820	11340	9650	65	20420	16450	15310	14190		

# 606 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Symbi	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40
335/80R18	11	371	984	443	2900	145A2	3.75	2370	2330	2290	2250	2180	2120	2080	1990	1900
		14.6	38.7	17.4	114.2	134B	54	5220	5130	5040	4960	4800	4670	4580	4380	4190
						130D										
365/70R18	11	400	1000	440	2902	135B	3.75	2440	2400	2350	2310	2250	2180	2140	2050	1900
	13	15.7	39.4	17.3	114.2	130D	54	5370	5290	5180	5090	4960	4800	4710	4520	4190
405/70R18	13SDC															
	12	452	1070	461	3070	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2300
	11	17.8	42.1	18.1	120.9	137D	54	6340	6230	6120	6010	5840	5670	5550	5330	5070
335/80R20	W14L															
	DW14L															
	11															
365/80R20EM	11SDC	366	1076	474	3130	136B	3.75	2510	2460	2420	2370	2310	2240	2200	2110	1950
	12	14.4	42.4	18.7	123.2	131D	54	5530	5420	5330	5220	5090	4930	4850	4650	4300
	12SDC															
405/70R20	11															
	11SDC	400	1127	493	3260	141B	3.75	2880	2830	2780	2730	2650	2575	2520	2420	2240
	12	15.7	44.4	19.4	128.3	136D	54	6340	6230	6120	6010	5840	5670	5550	5330	4930
16/70R24	13SDC															
	12	427	1076	466	3090	143B	3.75	3050	3000	2940	2890	2810	2725	2670	2560	2430
	11	16.8	42.4	18.3	121.7	139D	54	6720	6610	6480	6370	6190	6000	5880	5640	5350
405/70R24	W14L															
	DW14L															
	13	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
455/70R24	13SDC															
	13SDC	425	1180	517	3420	146B	3.75	3360	3300	3240	3180	3090	3000	2940	2820	2650
	13SDC	16.7	46.5	20.4	134.6	142D	54	7400	7270	7140	7000	6810	6610	6480	6210	5840
455/70R24	W14L															
	DW14L															
	13SDC	473	1247	542	3600	154B	3.75	4200	4130	4050	3980	3860	3750	3680	3530	3350
455/70R24	13	18.6	49.1	21.3	141.7	150D	54	9250	9100	8920	8770	8500	8260	8110	7780	7380
	W15L															
	DW15L															

# 608



Alliance 608 is an innovative approach to compact machinery tire design. It provides low motion resistance which contributes to lower fuel consumption of compact machines. The tire's tread pattern is an optimized on/off road pattern with shoulder lugs for traction in the fields, as well as long tread life because of massive central blocks when the machine works on harder surfaces. The tire construction includes both, all fabric and steel belted variants.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road						Hard Improved Surfaces			
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in					mm in	mm in	bar psi	Static		5 3	10 6	25 16	bar psi
365/70R18	11	360	969	444	2936	146A2	3.75	4800	3390	3000	2550	4.5	5400	4350	4050	3750
	13	14.2	38.1	17.5	115.6		54	10570	7470	6610	5620	65	11890	9580	8920	8260
405/70R18	13	408	1025	450	3084	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
	13	16.1	40.4	17.7	121.4		54	12860	9070	8040	6830	65	14470	11650	10860	10040



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in	bar psi	Speed, km/h (mph)				bar psi	Speed, km/h (mph)						
					Static	5 3	10 6	25 16		Static	5 3	10 6	25 16			
335/80R20	11	350	1044	465	3148	136B	3.75	4920	3470	3075	2610	4.5	5540	4460	4150	3840
	11SDC	13.8	41.1	18.3	123.9	147A2	54	10840	7640	6770	5750	65	12200	9820	9140	8460
365/80R20	11	360	1092	482	3304	153A2	3.75	5840	4120	3650	3100	4.5	6570	5290	4930	4560
	11SDC 12SDC	14.2	43	19	130.1		54	12860	9070	8040	6830	65	14470	11650	10860	10040
405/70R20	13	407	1076	470	3247	155A2	3.75	6200	4380	3875	3290	4.5	6980	5620	5230	4840
	12 11 W14L DW14L	16	42.4	18.5	127.8		54	13660	9650	8540	7250	65	15370	12380	11520	10660
455/70R20	14	445	1146	518	3465	162A2	3.75	7600	5370	4750	4040	4.5	8550	6890	6410	5940
		17.5	45.1	20.4	136.4		54	16740	11830	10460	8900	65	18830	15180	14120	13080

## 608 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	40 25	50 31				
335/80R18	11															
	W10 W11 11SDC	343	992	445	2985	136A8	3.2	2530	2440	2370	2330	2240	2040			
365/70R18EM	12 12SDC	13.5	39.1	17.5	117.5		46	5570	5370	5220	5130	4930	4490			
	11	360	969	444	2936	135B	3.75	2440	2400	2350	2310	2250	2180			
405/70R18	13	14.2	38.1	17.5	115.6		54	5370	5290	5180	5090	4960	4800			
	13 13SDC															
405/70R18	12	407	1024	450	3084	141B	3.75	2880	2830	2780	2730	2650	2575			
	11 W14L DW14L	16	40.3	17.7	121.4		54	6340	6230	6120	6010	5840	5670			
365/80R20	11	360	3304	482	3300	141B	3.75	2880	2830	2780	2730	2650	2575			
	11SDC 12 12SDC	14.2	130.1	19	129.9		54	6340	6230	6120	6010	5840	5670			
405/70R20	13	407	3247	470	3243	143B	3.75	3050	3000	2940	2890	2810	2725			
	13SDC	16	127.8	18.5	127.7		54	6720	6610	6480	6370	6190	6000			

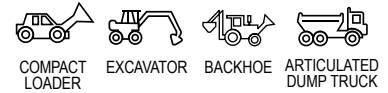
## 608 TELEHANDLER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)		
		SW	OD					Speed, km/h (mph)		
		mm in	mm in	mm in	mm in	bar psi	10 6	50 31		
460/70R24 (17.5LR24IND)	W15	455	1254	557	3635	165A2	4	5150	3750	
		17.9	49.4	21.9	143.1	154B	58	11350	8270	
405/70R24 (16/70R24)	W13	407	1178	543	3552	158A2	3.7	4250	3000	
		16	46.4	21.4	139.8	146B	54	9370	6610	

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in	mm in	mm in	bar psi	Static	15 9	20 12	25 16	30 19	40 25	50 31	
405/70R18	13	407	1024	450	3084	141B	3.75	6095	2880	2830	2780	2730	2650	2575
	13SDC 12, 11 W14L DW14L	16	40.3	17.7	121.4		54	13440	6350	6240	6130	6020	5840	5680
405/70R20	13	407	1076	470	3247	143B	3.75	6460	3050	3000	2940	2890	2810	2725
	13SDC	16	42.4	18.5	127.8		54	14240	6720	6610	6480	6370	6200	6010

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph) Constant load application						
		mm in	mm in	mm in	mm in	bar psi	Static	15 9	20 12	25 16	30 19	40 25	50 31	
335/80R20 (12.5R20)	11	339	1044	469	2955	136B	3.75	5150	2510	2460	2420	2370	2310	2240
		13.3	41.1	18.5	116.3		54	11350	5530	5420	5340	5230	5090	4940

# 601 MUD & SNOW



Alliance 601 Mud & Snow (M+S) tire was developed for use on construction and agro-industrial equipments. The radial tire construction with strong fabric layers protected by steel belts, promises long tire life. The 601 M+S model also ensures high traction as well as efficient self cleaning ability. It's high crown radius provides flat contact area and enables even ground pressure distribution. This tire's non directional tread design is suitable for all kinds of surfaces, providing equal traction in both directions of travel.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Constant load				Cyclic Applications				
		mm in	mm in	mm in	mm in	Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31		
		mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25	50 31	10 <sup>A</sup> 6	30 19	40 25	50 31	
15.5/55R18	11	370	890	395	2686	140A8	3.5	5750	3130	2600	2500	2500	3750	2680	2500	2500
		14.6	35	15.6	105.7	140B	51	12670	6890	5730	5510	5510	8260	5900	5510	5510

# 326 WIDE GRIP



Alliance 326 Wide Grip Loader Dozer tire is a wide base tubeless tire. It is designed for superior self-cleaning, high traction and high flotation in all off road applications. Its heavy-duty nylon construction and weather & ozone-resistant rubber compounds ensure longer tire life on all types of services.



## 326 LOADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces				
		SW	OD					Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
		mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16		bar psi	Static	5 3	10 6	25 16
		mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16	
16/70-20EM (405/70-20) EM L-2	13DC max.10PR 13SDC 14PR 13SDC	407	1076	475	3130	10	3.25	6600	4660	4125	3510	3.9	7430	5980	5570	5160
						157A2	47	14540	10260	9090	7730	57	16370	13170	12270	11370
						14	4.5	8480	5990	5300	4510	5.4	9540	7690	7160	6630
						166A2	65	18680	13190	11670	9930	78	21010	16940	15770	14600
16/70-24EM (405/70-24) EM L-2	13.00 DC	407	1178	577	3660	10	3.25	7600	5370	4750	4040	3.9	8550	6890	6410	5940
						162A2	47	16740	11830	10460	8900	57	18830	15180	14120	13080
						14	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
						169A2	65	20440	14430	12780	10860	78	23000	18520	17250	15970
22/70-24 (20-24EM) EM L-2	16.00 T SDC	545	1390	612	4040	12	3	10400	7350	6500	5530	3.6	11700	9430	8780	8130
						173A2	44	22910	16190	14320	12180	52	25770	20770	19340	17910
						14	3.5	11360	8020	7100	6040	4.2	12780	10300	9590	8880
						176A2	51	25020	17670	15640	13300	61	28150	22690	21120	19560

## 326 TRANSPORT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symbi	Infl. press bar	Recommended load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40		
		mm in	mm in	mm in	mm in	psi	15 9	20 12	25 16	30 19	40 25	50 31	55 34	60 37	65 40		
16/70-20EM (405/70-20) EM E-2	13DC max.10PR 13SDC 14PR 13SDC	407	1076	475	3130	10											
						141B	2.5	2880	2830	2780	2730	2650	2575	2500	2370	2120	
						134D	36	6340	6230	6120	6010	5840	5670	5510	5220	4670	
						14											
						149B	3.5	3640	3580	3510	3450	3350	3250	3150	2990	2725	
143D	51	8020	7890	7730	7600	7380	7160	6940	6590	6000							

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index	Infl. press bar	Recommended load, kg (lbs)																						
		SW	OD					Speed, km/h (mph)																						
		mm in	mm in					15	20	25	30	40	50	55	60	65														
16/70-24EM (405/70-24) EM E-2	13.00 SDC 13DC	407	1178	577	3660	143B	2.5	3050	3000	2940	2890	2810	2725	2640	2510	2300														
								6720	6610	6480	6370	6190	6000	5810	5530	5070														
								137D	14	3.5	3980	3910	3830	3760	3660	3550	3440	3270	2900											
																				152B	51	8770	8610	8440	8280	8060	7820	7580	7200	6390
20-24EM 22/70-24 EM E-2	16.00 T SDC	545	1390	612	4040	158B	2.5	4760	4680	4590	4510	4380	4250	4120	3910	3550														
								10480	10310	10110	9930	9650	9360	9070	8610	7820														
								152D	14	3	5460	5360	5270	5170	5020	4875	4730	4490	4000											
																				163B	44	12030	11810	11610	11390	11060	10740	10420	9890	8810

# 229

R-4



The Alliance 229 is specially designed keeping in mind the requirements of compact wheel loaders, backhoe loaders and excavators. The advanced tread pattern with wide and well-spaced lugs ensure high traction, excellent self-cleaning and enhanced riding comfort. Robust carcass and sidewall construction provides superior load carrying capacity and safeguards the tire against damages.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	Static	10	20	30	40	50	60
12.5-18	11	335	1000	462	2960	10PR	3	4485	3220	2535	2245	2065	2030	1970	1950	
								9890	7100	5590	4950	4550	4480	4340	4300	
12.5-20	11	335	1050	486	3110	10PR	3	4600	3305	2600	2300	2120	2080	2020	2000	
								10140	7290	5730	5070	4670	4590	4450	4410	

# 585

R-4



Alliance 585 is the perfect choice for telehandlers, backhoes and compact loaders toiling on agriculture fields and construction sites. The large multi-directional block tread design and higher tread depth ensures long life and exceptional performance on hard surfaces. Efficiency and productivity is the key to profitability and Alliance 585 is designed to provide the same.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press.	Recommended load, kg (lbs)								
		SW	OD					Constant load						Cyclic Applications		
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
340/80-18IND (12.5/80-18IND)	11 W11 W10 12SDC 11SDC 12	345	1001	454.1	2975	143A8	4	6270	3410	2890	2830	2725	2725	4090	3650	
								13820	7520	6370	6240	6010	6010	9020	8050	
460/70R24	DW15L DW14L DW16L 14 16 TW14L	471	1242	560	3704	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860	
								22180	12060	10710	10320	9650	9650	14460	12920	
400/70R20IND (16/70R20IND)	W13 W12 12SDC 13SDC W14L	404	1067	485.4	3237	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360	
								16490	8950	7960	7670	7170	7170	10760	9610	
500/70R24IND	DW16L DW15L 16	497	1310	590.7	3920	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700	
								25350	13780	12240	11800	11020	11020	16540	14770	

# UTILITY TRACTOR

580

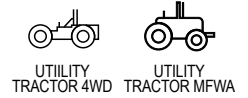
R-4

WRC

SB

WEAR  
RESISTANT  
COMPOUND

STEEL  
BELTED



Alliance 580 is built with unique tread pattern that enable strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its carcass construction contributes to high stability of the machine, especially when working on slopes, and complete puncture protection. This tire, because of its central lug design, is well suited for both on and off road, hence it's also a good tire for multi-purpose transportation. The tires' long tread life and low tread wear are based on its specific tread design and durable tread rubber compound.



## 580 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					10 6	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
340/80R20MPT	11	343	1052	492	3200	139G	4.5	4370	3650	3040	2790	2720	2670	2600	2530	2430
		13.5	41.4	19.4	126			65	9630	8040	6700	6150	5990	5880	5730	5570
425/75R20MPT	13	427	1138	516	3449	148G	4	5670	4730	3940	3620	3530	3470	3370	3280	3150
		16.8	44.8	20.3	135.8			58	12490	10420	8680	7970	7780	7640	7420	7220

## 580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)						Cyclic Applications	
		mm in	mm in					mm in	mm in	Constant load				10 <sup>A</sup> 6	15 9
										Static	10 6	25 16	30 19		
280/80R16IND (11R16IND)	W8	290	850	359	2531	130A8	3.6	4370	2380		1980	1900		2850	2550
		11.4	33.5	14.1	99.6			52	9630	5250		4370	4190		6280
280/80R18 (10.5R18) IND	W8 W10	282	905	418	2770	132A8	4	4600	2500	2220	2140	2000	2000	3000	2680
		11.1	35.6	16.5	109.1			58	10130	5510	4890	4710	4410	4410	6610
300/75R18 (12.0R18)IND	W9	295	908	420	2697	142A8	5	6100	3310	2940	2840	2650	2650	3980	3550
		11.6	35.7	16.5	106.2			73	13450	7300	6480	6260	5840	5840	8770
340/80R18 (335/80R18) (12.5R18) IND	11														
	12														
	11SDC	350	1001	450	2970	143A8	4	6270	3410	3020	2920	2725	2725	4090	3650
	12SDC	13.8	39.4	17.7	116.9	143B	58	13810	7510	6650	6430	6000	6000	9010	8040
	W10 W11														
400/70R18IND	W13 W12	404	1017	461	3073	147A8	4	7070	3840	3260	3200	3075	3075	4610	4120
		15.9	40	18.1	121	147B	58	15590	8470	7190	7060	6780	6780	10160	9080
280/80R20 (10.5R20) IND	W9	282	956	437	2846	133A8	4	4740	2580	2250	2140	2060	2060	3090	2760
		11.1	37.6	17.2	112	133B	58	10450	5690	4960	4720	4540	4540	6810	6090
340/80R20 (12.5/80R20) IND	11														
	12														
	11SDC	343	1052	477	3200	144A8	4	6440	3500	3110	3000	2800	2800	4200	3750
	12SDC	13.5	41.4	18.8	126	144B	58	14190	7710	6850	6610	6170	6170	9250	8260
	W10 W11														
380/75R20 (14.5R20) IND	W12 W11	380	1078	487	3181	148A8	4	7250	3940	3500	3370	3150	3150	4730	4220
		15	42.4	19.2	125.2	148B	58	15970	8680	7710	7420	6940	6940	10420	9300
	11 12														
400/70R20 IND	W13 W12	410	1072	485	3239	149A8	4	7480	4060	3610	3480	3250	3250	4880	4360
		16.1	42.2	19.1	127.5	149B	58	16480	8940	7950	7670	7160	7160	10750	9600
	12SDC 13SDC W14L														

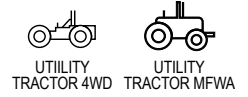
# 580 INDUSTRIAL TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)							
		Speed, km/h (mph)						Constant load						Cyclic Applications	
		SW	OD					Static	10	25	30	40	50	10^	15
		mm in	mm in					mm in	6	16	19	25	31	6	9
425/75R20 (16.5R20) IND	13	420	1138	511	3449	154A8	4	8630	4690	4160	4010	3750	3750	5630	5030
	11	16.5	44.8	20.1	135.8	154B	58	19010	10330	9160	8830	8260	8260	12400	11080
	12														
	12SDC					160A8	4.8	10350	5630	5000	4820	4500	4500	6750	6030
	13SDC					160B	70	22800	12400	11010	10620	9910	9910	14870	13280
405/70R24 IND	13	404	1170	538	3521	152A8	4	7710	4190	3720	3580	3350	3350	5030	4490
	12	15.9	46.1	21.2	138.6	152B	58	16980	9230	8190	7890	7380	7380	11080	9890
440/80R24 (16.9R24) IND	DW14L	449	1309	591	3865	161A8	4	9710	5780	5130	4950	4625	4625	6940	6200
	DW15L	17.7	51.5	23.3	152.2	161B	58	21390	12730	11300	10900	10190	10190	15290	13660
	14														
460/70R24 (17.5LR24) IND	TW14L														
	DW15L														
	DW14L														
	DW16L	462	1250	567	3797	159A8	4	10060	5470	4860	4680	4375	4375	6560	5860
500/70R24 (19.5LR24) IND	14	18.2	49.2	22.3	149.5	159B	58	22160	12050	10700	10310	9640	9640	14450	12910
	16														
480/80R26 (18.4R26) IND	TW14L														
	DW16L	505	1308	600	3900	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
440/80R28 (16.9R28) IND	DW15L	19.9	51.5	23.6	153.5	164B	58	25330	13770	12220	11780	11010	11010	16520	14760
	16														
500/70R28 (19.5LR28) IND	DW15	479	1428	634	4248	160A8	3.2	10350	5630	4910	4680	4500	4500	6750	6030
	18.9	56.2	25	167.2	160B	46	22820	12410	10830	10320	9920	9920	14880	13290	
500/70R28 (19.5LR28) IND	DW14L	460	1410	642	4183	156A8	3.2	9200	5000	4440	4280	4000	4000	6000	5360
	DW15L	18.1	55.5	25.3	164.7	156B	46	20260	11010	9780	9430	8810	8810	13220	11810
500/70R28 (19.5LR28) IND	DW16L	503	1411	643	4187	164A8	4	11500	6250	5550	5350	5000	5000	7500	6700
	DW15L	19.8	55.6	25.3	164.8	164B	58	25330	13770	12220	11780	11010	11010	16520	14760



# 570

R-1



Alliance 570 is an ideal radial tire for industrial and construction services. The tread pattern enables strong grip and high traction on soft surfaces, as well as comfortable work on hard surfaces. Its basic lug design provides excellent grip and traction on soft surfaces, while more rubber around the center line enables smooth and stable run on road. The strong polyester construction reinforced by steel belts enables higher vehicle speed as well as increased puncture protection. Flatter tread because of radial construction provides even pressure distribution, high productivity and optimal fuel consumption.



## 570 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Constant load				Cyclic Applications				
								mm in	mm in	mm in	mm in	Bar psi	Static	10 6	30 19	40 25
425/55R17	13	425	890	395	2263	140A8	3.5	5750	3750	2680	2500	4380	2750	2500	2500	
		16.7	35	15.6	89.1	140B	51	12670	8260	5900	5510	5510	9650	6060	5510	5510
400/70-20	13	413	1093	505	3272	150B	4	8400	4625	3800	3650	3320	5480	3910	3650	3320
		16.3	43	19.9	128.8	161A2	58	18500	10190	8370	8040	7310	12070	8610	8040	7310
19.5LR24	W16L W15L	495	1320	600	3912	149A8	2.5	7480	4060	3320	3250	2960	4880	3480	3250	2960
						146B	36	16480	8940	7310	7160	6520	10750	7670	7160	6520
		19.5	52	23.6	154	156A8	3	9200	5000	4080	4000	3640	6000	4280	4000	3640
						153B	44	20260	11010	8990	8810	8020	13220	9430	8810	8020
460/70R24 (17.5LR24)	W15L W14L	445	1245	564	3682	150A8	3	7710	4190	3420	3350	3050	5030	3580	3350	3050
						147B	44	16980	9230	7530	7380	6720	11080	7890	7380	6720
						159A8	4	10060	5470	4680	4375	4000	6560	4680	4375	4000
500/85R24	W16L W15L	528	1458	653	4365	159B	58	22160	12050	10310	9640	8810	14450	10310	9640	8810
						171A8	2.8	14150	7690	6400	6150	5600	9230	6580	6150	5600
17.5L-24	W15L W14L	445	1250	573	3727	179A2	41	31170	16940	14100	13550	12330	20330	14490	13550	12330
						12	3.1	7710	4190	3480	3350	3050	5030	3580	3350	3050
17.5L-24	W14L	17.5	49.2	22.6	146.7	150A8	45	16980	9230	7670	7380	6720	11080	7890	7380	6720
						147B										

# 317

**R-1**

**WRC**

**HRC**

WEAR RESISTANT COMPOUND

HEAT RESISTANT COMPOUND



Alliance 317 tire is designed for applications that require high traction. It is engineered to provide the best performance for on and off road services in tough weather conditions. The tire provides excellent traction to drive wheels and has a strong nylon carcass construction.



## 317 MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in						15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56
10.5-18	9	270	905	415	2700	10	126G	3.75	2810	2550	2130	1960	1900	1870	1820	1770	1700
		10.6	35.6	16.3	106.3		54	6190	5620	4690	4320	4190	4120	4010	3900	3740	
12.5-18	11	325	990	450	2940	12	130G	4.5	3140	2850	2380	2190	2130	2090	2030	1975	1900
							12	128G	3	2970	2700	2250	2070	2020	1980	1930	1870
10.5-20	9	270	955	445	2880	12	131G	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950
		10.6	37.6	17.5	113.4		62	7090	6450	5370	4930	4800	4740	4600	4470	4300	
12.5-20	11	325	1040	475	3090	10	129G	3	3050	2780	2310	2130	2070	2040	1980	1925	1850
							12	132G	3.5	3300	3000	2500	2300	2240	2200	2140	2080
14.5-20	11	355	1095	500	3260	10	132G	2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
							12	136G	3	5250	4200	3450	3080	2830	2680	2580	2530
16/70-20 405/70-20	13	407	1076	791	3200	14	145G	3.5	4790	4350	3630	3340	3250	3190	3100	3015	2900
							137G	51	10550	9580	8000	7360	7160	7030	6830	6645	6390

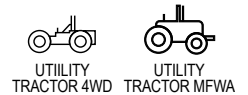
## 317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		mm in	mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31		
10.5-18	9	270	905	415	2700	10	130 B	3.8	3990	3190	2620	2340	2150	2030	1960	1920	1900		
		10.6	35.6	16.3	106.3			54	8790	7030	5770	5150	4740	4470	4320	4230	4190		
12.0-18	9	294	949	420	2770	12	145A6	4.5	6840	3840	3230	3040	2900	2810	2710	2630	2580		
								11	11.6	37.4	16.5	109.1	65	15070	8460	7110	6700	6390	6190
12.5-18	11	325	990	415	2790	6	124 B	2	3360	2690	2210	1970	1810	1710	1650	1620	1600		
								29	7400	5930	4870	4340	3990	3770	3630	3570	3520		
								8	129 B	2.5	3890	3110	2550	2280	2090	1980	1910	1870	1850
								12	135 B	3.5	4580	3660	3010	2680	2460	2330	2250	2200	2180
16	140 B	5250	4200	3450	3080	2830	2680	2580	2530	2500	2500	2500	2500	2500	2500	2500	2500		
																		4.5	11560

# 317 NON HIGHWAY APPLICATION

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in				Speed Symbol	bar psi	5 3	10 6	20 12	25 16	30 19	35 22	40 25
10.5-20	9	270 10.6	955 37.6	445 17.5	2880 113.4	6	123 B	2.5	3260	2600	2140	1910	1750	1660	1600	1570	1550
								36	7180	5730	4710	4210	3850	3660	3520	3460	3410
								3	3680	2940	2420	2150	1980	1870	1800	1770	1750
								44	8110	6480	5330	4740	4360	4120	3960	3900	3850
								3.8	4200	3360	2760	2460	2260	2140	2060	2020	2000
								54	9250	7400	6080	5420	4980	4710	4540	4450	4410
12.5-20 Steel Belted	11	325 12.8	1040 40.9	475 18.7	3090 121.7	6	130 B	2.5	3990	3190	2620	2340	2150	2030	1960	1920	1900
								36	8790	7030	5770	5150	4740	4470	4320	4230	4190
								3	4330	3460	2840	2530	2330	2200	2120	2080	2060
								44	9540	7620	6260	5570	5130	4850	4670	4580	4540
								3.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								51	10350	8280	6810	6080	5570	5290	5090	4980	4930
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	10	136 B	4	5250	4200	3450	3080	2830	2680	2580	2530	2500
								58	11560	9250	7600	6780	6230	5900	5680	5570	5510
								4.6	5720	4580	3760	3350	3080	2920	2810	2750	2725
								67	12600	10090	8280	7380	6780	6430	6190	6060	6000
								2.5	4700	3760	3090	2760	2530	2400	2310	2260	2240
								36	10350	8280	6810	6080	5570	5290	5090	4980	4930
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	12	140 B	3	5250	4200	3450	3080	2830	2680	2580	2530	2500
								44	11560	9250	7600	6780	6230	5900	5680	5570	5510
								3.5	5720	4580	3760	3350	3080	2920	2810	2750	2725
								51	12600	10090	8280	7380	6780	6430	6190	6060	6000
								4	6090	4870	4000	3570	3280	3100	2990	2930	2900
								58	13410	10730	8810	7860	7220	6830	6590	6450	6390
14.5-20	11 12	355 14	1095 43.1	500 19.7	3260 128.3	14	143 B	4.5	6460	5170	4240	3780	3470	3290	3170	3110	3075
								65	14230	11390	9340	8330	7640	7250	6980	6850	6770

## 533 R-4



Alliance 533 reinforced tire is an industrial drive wheel tire, constructed for non-agricultural applications. The tire's heavy nylon construction and special tread compound are designed to achieve best results on industrial use as well as off road and building site services. Its tread design gives more traction and breaking power as well as high mileage on road.



## 533 TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
		SW	OD				Industrial Use				Agricultural Use					
		mm in	mm in	mm in	mm in		Infl.	Constant load		Cyclic Applic		Infl.	Road Transport		Field	
		bar psi	20 12	40 25	20 12		40 25	Bar psi	20 12	40 25	50 31	10 6				
14.9-24	W13 W12	378 14.9	1241 48.9	560 22	3661 144.1	10	2.5	2890	2650	3260	2650	2.2	2760	2060	1870	2200
						142A8	36	6370	5840	7180	5840	32	6080	4540	4120	4850
						12	2.9	3160	2900	3570	2900	2.6	3000	2240	2040	2400
16.9-24	W15L	429 16.9	1309 51.5	589 23.2	3855 151.8	145A8	42	6960	6390	7860	6390	38	6610	4930	4490	5290
						12	2.6	3540	3250	4000	3250	2.5	3510	2620	2380	2800
						149A8	38	7800	7160	8810	7160	36	7730	5770	5240	6170
17.5L-24	W15L W14L	444 17.5	1240 48.8	551 21.7	3623 142.6	8	1.7	2650	2430	2990	2430	1.5	2510	1870	1700	2000
						139A8	25	5840	5350	6590	5350	22	5530	4120	3740	4410
						10	2.2	3050	2800	3440	2800	2	2880	2150	1960	2300
18.4-24	W16L W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	144A8	32	6720	6170	7580	6170	29	6340	4740	4320	5070
						12	2.5	4220	3875	4770	3875	2.3	3990	2980	2710	3190
18.4-24	W15L	467 18.4	1375 54.1	605 23.8	3992 157.2	155A8	36	9300	8540	10510	8540	33	8790	6560	5970	7030

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Recommend load, kg (lbs)									
							Speed, km/h (mph)									
		Industrial Use					Agricultural Use									
		SW	OD	Infl. bar psi	Constant load		Cyclic Applic		Infl. Bar psi	Road Transport			Field			
mm in	mm in	20 12	40 25		20 12	40 25	20 12	40 25		50 31	10 6					
19.5L-24	W17L W16L	495 19.5	1314 51.7	580 22.8	3823 150.5	10	1.9	3350	3075	3780	3075	1.7	3180	2370	2160	2540
						147A8	28	7380	6770	8330	6770	25	7000	5220	4760	5590
						12	2.3	3760	3450	4240	3450	2.1	3550	2650	2410	2840
21L-24	DW18L W18L	533 21	1377 54.2	605 23.8	3995 157.3	151A8	33	8280	7600	9340	7600	30	7820	5840	5310	6260
						10	1.8	3650	3350	4120	3350	1.5	3080	2300	2090	2460
						150A8	26	8040	7380	9070	7380	22	6780	5070	4600	5420
						12	2.2	4220	3875	4770	3875	1.9	3550	2650	2410	2840
						155A8	32	9300	8540	10510	8540	28	7820	5840	5310	6260
						16	2.8	4910	4500	5540	4500	2.5	4120	3075	2800	3290
18.4-26	DW16A W16L W15L	467 18.4	1425 56.1	628 24.7	4325 170.3	160A8	41	10810	9910	12200	9910	36	9070	6770	6170	7250
						10	2	3980	3650	4490	3650	1.8	3550	2650	2410	2840
						153A8	29	8770	8040	9890	8040	26	7820	5840	5310	6260
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.5	4360	4000	4920	4000	2.3	4020	3000	2730	3210
						156A8	36	9600	8810	10840	8810	33	8850	6610	6010	7070
						12	2.6	3870	3550	4370	3550	2.4	3650	2725	2480	2920
						152A8	38	8520	7820	9630	7820	35	8040	6000	5460	6430
18.4-28	W16L W15	467 18.4	1477 58.1	655 25.8	4310 169.7	14	3	4220	3875	4770	3875	2.8	4020	3000	2730	3210
						155A8	44	9300	8540	10510	8540	41	8850	6610	6010	7070
						12	2.5	4500	4125	5070	4125	2.2	4120	3075	2800	3290
16.9-30	W15L W14	440 17.3	1470 57.9	664 26.1	4339 170.8	10	2.2	3540	3250	4000	3250	2	3350	2500	2280	2680
						149A8	32	7800	7160	8810	7160	29	7380	5510	5020	5900

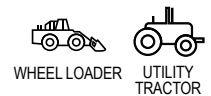
# 300 MPT

**R-4**

**SC**

**AS**

SPECIAL COMPOUND ALL STEEL



Alliance 300 is a modern, all steel radial, wide-base tire. Its unique tread design provides high mileage and high performance.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)									
									Speed, km/h (mph)									
		SW	OD	Speed Symbol	bar psi				15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
mm in	mm in	mm in	mm in															
12.5R20	11	330 13	1040 40.9	475 18.7	3112 122.5	12	132G	3.5 51	3300	3000	2500	2300	2240	2200	2140	2080	2000	
									7270	6610	5510	5070	4930	4850	4710	4580	4410	





# EXCAVATOR



# 390

I-2

SC

WRC

FLOTATION

SPECIAL COMPOUND

WEAR RESISTANT COMPOUND



The Alliance 390 heavy duty is a special construction tires for hard work in tough environments. It is developed to carry heavy loads on tough terrain conditions. The tire gives excellent machine stability, comfortable ride and traction and better overall performance on the road. The steel belts in the tire make it a tough tire for tough terrains. Special compounds like wear resistant compound and puncture resistant compound give it an increased tire life.



## HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
600/50R22.5	20.00DC	605	1168	527.3	3605	174A8	6.5	15410	8380	7100	6970	6700	6150	-	-
Heavy Duty Industrial		23.8	46	20.8	141.9	171B	94	33940	18460	15640	15350	14760	13550	-	-

## MPT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	LI/LS	Infi. press	Recommend load, kg (lbs)										
		SW	OD					Speed, km/h (mph)										
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
24R20.5	18	605	1372	620	4208	176F	6	17750	12780	-	9590	8880	8170	7950	7810	7630	7460	7100
ALL STEEL		23.8	54	24.4	165.7		87	39100	28150	-	21120	19560	18000	17510	17200	16810	16430	15640
500/45R22.5 MPT	AG16.00	508	1025	472	3158	154F	6	9380	6750	-	5060	4690	4310	4200	4130	4030	3940	3750
ALL STEEL		20	40.4	18.6	124.3			87	20660	14870	-	11150	10330	9490	9250	9100	8880	8680
600/50R22.5 MPT	20.00DC	585	1180	539	3510	166F	6	13250	9540	8745	7155	6625	6095	5936	5830	5698	5565	5300
		23	46.5	21.2	138.2			87	29190	21010	19260	15760	14590	13430	13070	12840	12550	12260

# 380

I-2

SC

WRC

SB

FLOTATION

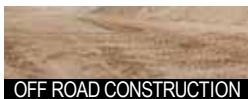
SPECIAL COMPOUND

WEAR RESISTANT COMPOUND

STEEL BELTED



Alliance 380 is a heavy duty radial flotation tire suitable for excavators, developed to carry heavy loads on tough terrain conditions. Special non-directional tread pattern enables equal traction and steering capability in forward and backward driving directions. The tire is successfully replacing dual configuration for wheeled excavators. In addition, the tire gives excellent machine stability, comfortable ride, good machine mobility, better self-cleaning and traction, and better overall performance on the road. Unique sidewall construction enables high side machine stability and tilt characteristics, while steel breakers efficiently prevent punctures and enable uniform ground stress distribution.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum.	Stars Load Index Speed Symbol	Infi press	Recommend load, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Mixed application							
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
620/40R22.5	20.00DC	605	1085	491	3352	169A8	6.5	13630	8120	6900	6500	5800	5510	-	-
							94	30020	17890	15200	14320	12780	12140	-	-
							7	14450	8610	7320	6900	6150	5840	-	-
						171A8	102	31830	18960	16120	15200	13550	12860	-	-

# 506 DUAL MASTER

I-2

SC

AS

SPECIAL COMPOUND ALL STEEL



Alliance 506 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. Shoulder lugs provide efficient grip on soft surfaces. More rubber around the center line provides smooth and stable behavior on hard surfaces.



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



ON & OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in	mm in	mm in	For Single tire on Dual Application								
315/80R22.5	9	329.5	1100	490	3090	154A8	8.5	Static	10	20	25	30	40	50
		13	43.3	19.3	121.7			bar psi	6	12	16	19	25	31
									8810	5250	4730	4460	4200	3750
								19410	11560	10420	9820	9250	8260	7440
						158A8	9	9980	5950	5360	5050	4760	4250	3830
							131	22000	13120	11820	11130	10490	9370	8440

# 528 DUAL MASTER

I-2

SC

AS

SPECIAL COMPOUND ALL STEEL



Alliance 528 Dual Master's sidewall construction enables close contact between two tires excluding necessity to mount a special rubber ring in order to prevent stone penetration between the tires. Radial tire construction enables long tread life, comfortable run and low fuel consumption. Its strong all steel carcass provides machine stability, good puncture protection and re-treadability of tires. The 528 tread pattern belongs to the moderate traction group, providing effective performances on both, on and off road applications. Shoulder lugs provide efficient grip on soft surfaces.



OFF ROAD CONSTRUCTION



TOUGH TERRAIN



ON & OFF ROAD CONSTRUCTION



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press.	Recommended load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
		mm in	mm in	mm in	mm in	For Single Application *								
315/80R22.5	9	325.5	1100	490	3090	154A8	8.5	Static	10	20	25	30	40	50
		12.8	43.3	19.3	121.7			bar psi	6	12	16	19	25	31
									8810	5250	4730	4460	4200	3750
								19410	11560	10420	9820	9250	8260	7440
						158A8	9	9980	5950	5360	5050	4760	4250	3830
							131	22000	13120	11820	11130	10490	9370	8440

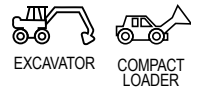
# 225

E-2

HRC

C+C

HEAT RESISTANT COMPOUND CUT & CHIP RESISTANT COMPOUND



The tread pattern of 225 MPT is designed for self-cleaning as well as for smooth on road driving. The diagonal lug design of the tire provides best traction in all services, terrain and weather conditions besides improving resistance to side slips. Its wide based design provides high flotation properties and permits low inflation pressure. For free rolling and better mileage on road service, it is recommended to mount tires in opposite direction than usual.



HARD SURFACE



OFF ROAD CONSTRUCTION



SCRAP HANDLING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press.	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in											
8.25-20ML	6.5 6.50T 7 7.00T 7.0T5°	234	985	467	3000	12 134B	6.2	Static	5	10	20	25	30	40	45	50
		9.2	38.8	18.4	118.1			bar psi	3	6	12	16	19	25	28	31
									4260	2960	2480	2400	2350	2330	2250	2160
								9380	6520	5460	5290	5180	5130	4960	4760	4670

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31	
9.00-20ML	7 7.00T 7.0T5° 7.5 7.5V 7.5T5°	256	1035	491	3150	10	5.2	4490	3120	2620	2530	2490	2460	2370	2280	2240
						136B	75	9890	6870	5770	5570	5420	5220	5020	4930	
						12	6.2	5020	3490	2930	2830	2780	2750	2650	2550	2500
						140B	90	11060	7690	6450	6230	6120	6060	5840	5620	5510
						14	7.2	5630	3920	3290	3170	3120	3090	2970	2860	2800
10.00-20ML ML-2	7.5 7.50V 8 8.00V 8.0V5°	275	1065	505	3240	12	5.2	5180	3600	3020	2920	2870	2840	2740	2630	2575
						141B	75	11410	7930	6650	6430	6320	6260	6040	5790	5670
						14	6.6	5830	4060	3400	3290	3230	3200	3080	2960	2900
						145B	96	12840	8940	7490	7250	7110	7050	6780	6520	6390
						16	7.5	6300	4410	3685	—	3495	—	3340	—	3150
11.00-20ML ML-2	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	291	1095	517	3320	12	5.5	5830	4060	3400	3290	3230	3200	3080	2960	2900
						145B	80	12840	8940	7490	7250	7110	7050	6780	6520	6390
						16	7.2	7330	5100	4280	4130	4050	4020	3870	3720	3650
						153B	104	16150	11230	9430	9100	8920	8850	8520	8190	8040
						12	5	6740	4690	3930	3800	3730	3690	3560	3420	3350
15-22.5ML ML-2	11.75 12.25	388	1095	508	3290	150B	73	14850	10330	8660	8370	8220	8130	7840	7530	7380
						14	6	7550	5250	4400	4250	4170	4140	3980	3830	3750
						154B	87	16630	11560	9690	9360	9190	9120	8770	8440	8260
						16	7.25	8550	5950	4990	4820	4730	4690	4510	4340	4250
						158B	105	18830	13110	10990	10620	10420	10330	9930	9560	9360
						22	9.6	10050	6990	5870	5660	5560	5510	5300	5100	5000
						164B	139	22140	15400	12930	12470	12250	12140	11670	11230	11010

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD						Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	Speed Symbol	bar psi	15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50	90 56	
12.5-20MPT	11	325	1040	475	3090	10	133F	3.5	3400	3090	2580	2370	2310	2270	2200	2060	—
								51	7490	6810	5680	5220	5090	5000	4850	4540	—
								3.8	3680	3350	2790	2560	2500	2450	2390	2230	—
								4	3800	3450	2880	2650	2580	2530	2460	2300	—

224

E-2



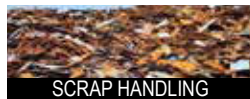
Alliance 224 Construction Machinery tire is a wide base tire that is designed for cranes, dump trucks and excavators. It provides excellent traction in all working conditions as well as resistance to side slips. For best results in running wheels of vehicles engaged in on road applications, it is recommended to mount the tires in the opposite direction than usual.



HARD SURFACE



OFF ROAD CONSTRUCTION



SCRAP HANDLING



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	20 12	25 16	30 19	40 25	45 28	50 31	
18-19.5	14 13	457	1080	495	3326	16	6	9040	6290	5280	5090	5000	4960	4770	4590	4500
						160B	87	19910	13850	11630	11210	11010	10930	10510	10110	9910
						18	7.25	10340	7190	6040	5830	5720	5670	5460	5250	5150
						165B	105	22780	15840	13300	12840	12600	12490	12030	11560	11340

# 624



Alliance 624 is a unique tire for various machines. It has an all-steel radial construction with a wide base and mud releaser. It has massive lugs with steep angles close to the central line, lower angles close to shoulders, massive centre blocks, robust sidewall construction with rim guards and reinforced shoulder area.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling circ. RCI	Load Index Speed Symbol	Infl. press bar psi	Recommended load , kg (lbs)									
		Speed, km/h (mph)						Constant Load					Cyclic Applications*				
		SW	OD					Static	5	10	25	30	35	40	5***	10**	15
		mm in	mm in					mm in	3	6	16	19	22	25	3	6	9
445/70R19.5 (18R19.5)	14	445	1105	497	3400	173A8	7.5	14950	9610	8000	6890	6760	6630	6500	10860	9750	8710
445/70R22.5 (18R22.5)	14	454	1195	539.2	3646	175A8	7.5	15870	10010	8500	7310	7180	7040	6900	11520	10350	9250
		17.9	47	21.2	143.5	182A2	109	34960	22050	18720	16100	15810	15510	15200	25370	22800	20370

# 331



Alliance 331 Heavy Duty Flotation tread design is basically a high traction profile with good self cleaning characteristics suitable for on/off road service. High load carrying capacity and low inflation pressure is the main characteristic of this tire. Strong nylon construction and compounds ensure long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)									
		Speed, km/h (mph)						Static	10	15	20	25	30	35	40	50	
		SW	OD					mm in	6	9	12	16	19	22	25	31	
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
500/45-20	16.00DC	490	980	446	2910	164A6	6	7430	6980	5990	5670	5360	5040	4750	4500	4050	
						162A7	87	16370	15370	13190	12490	11810	11100	10460	9910	8920	
						160A8											
600/40-22.5 Available with steel breaker	20.00DC	600	1100	505	3356	173A6	6	9570	8990	7710	7310	6900	6500	6150	5800	5220	
						171A7	87	21080	19800	16980	16100	15200	14320	13550	12780	11500	
						169A8											
600/50-22.5	20.00DC	600	1205	547	3472	174A6	6	9900	9300	7980	7560	7140	6720	6300	6000	5400	
						172A7	87	21810	20480	17580	16650	15730	14800	13880	13220	11890	
						170A8											
650/45-22.5	20.00DC	645	1170	535	3648	173A6	4.5	9570	8990	7710	7310	6900	6500	6150	5800	5220	
						171A7	65	21080	19800	16980	16100	15200	14320	13550	12780	11500	
						169A8											
700/40-22.5	24.00DC	700	1230	559	3700	177A6	6	10730	10080	8650	8190	7740	7300	6900	6500	5850	
						175A7	87	23630	22200	19050	18040	17050	16080	15200	14320	12890	
						173A8											

# 344 **LS-2** **SB**

STEEL BELTED



EXCAVATOR

The Alliance 344, Heavy Duty flotation tire has been developed for excavators to carry heavy loads on tough terrain conditions. The tire successfully replaces the traditional dual-wheels configuration. It gives excellent traction, machine stability and better self-cleaning. In addition, the steel breaker construction efficiently prevents punctures and enables uniform ground stress distribution.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symbol	Infl. press bar psi	Recommended load , kg (lbs)								
		Speed, km/h (mph)														
		SW mm in	OD mm in					Static	10 6	15 9	20 12	25 16	30 19	35 22	40 25	50 31
600/40-22.5	AG20.00	590 23.2	1090 42.9	500 19.7	3358 132.2	175A6 171A8	7 102	10150 22360	9530 20990	8180 18020	7750 17070	7320 16120	6890 15180	6520 14360	6150 13550	5540 12200

# 839 **E-2** **C+C**

CUT & CHIP RESISTANT COMPOUND



EXCAVATOR

Alliance 839 has strong carcass construction that provides good puncture resistance and stability. Improved tread design gives good traction, improved tread life, excellent self-cleaning and smooth driving experience in off road conditions.



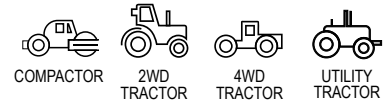
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index Speed Symbol	Infl. press bar psi	Recommend load, kg (lbs)								
		Speed, km/h (mph)															
		SW mm in	OD mm in						5 3	10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31
8.25-20NHS	7	236	992	480	3088	14	122B	6.9	2100	1755	1695	1665	1650		1590	1530	1500
		9.3	39.1	18.9	121.6		100	4630	3870	3740	3670	3640		3510	3370	3310	
9.00-20NHS	7	259	1038	487	3187	14	140B	6.9	3500	2925	2825	2775	2750		2650	2550	2500
		10.2	40.9	19.2	125.5		100	7715	6450	6230	6120	6060		5840	5620	5510	
10.00-20 NHS	7.5	275	1070	493	3230	16	148B	7.5	6300	4410	3685	3560	3495	3465	3340	3215	3150
		10.8	42.1	19.4	127.2		109	13880	9720	8125	7850	7705	7640	7365	7085	6950	
11.00-20NHS	8	293	1104	513	3352	16	149B	7.2	4550	3800	3675	3605	3575		3445	3315	3250
		11.5	43.5	20.2	132		105	10030	8375	8100	7945	7880		7595	7310	7165	



A large roller machine is shown in a black and white photograph, positioned on a construction site. The machine is a heavy-duty roller with a large front wheel and a smaller rear wheel. The background of the photograph shows a flat, open area with some vegetation in the distance under a cloudy sky. The entire image is overlaid with a red tint, and a white diagonal banner cuts across the scene. The text 'PAVER AND COMPACTOR' is written in large, bold, white capital letters on the banner.

**PAVER AND  
COMPACTOR**

# 329 R-3



The Alliance 329 is a diamond tread design tire built with a strong nylon construction. Its wide and extended tread protects shoulders and sidewalls against cutting and side snagging. The special cut and chip resistant compound, heat resistant compound and the tire's strong nylon construction provide long life to the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
								Static					Low Torque					High Torque	
mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6							
14.9-24	W13	394	1241	569	3698	6	1.4	3570	2330	1720	1660	1550	1410	2170	1860	1660			
						123A8	20	7860	5130	3790	3660	3410	3110	4780	4100	3660			
	W12	15.5	48.9	22.4	145.6	8	1.8	4140	2700	2000	1930	1800	1640	2520	2160	1930			
						128A8	26	9120	5950	4410	4250	3960	3610	5550	4760	4250			
16.9-24	W15L	442	1309	579	3814	8	1.7	4740	3090	2290	2200	2060	1870	2880	2470	2200			
						133A8	25	10440	6810	5040	4850	4540	4120	6340	5440	4850			
	W16L	17.4	51.5	22.8	150.2	6	1.1	4600	3000	2220	2140	2000	1820	2800	2400	2140			
						132A8	16	10130	6610	4890	4710	4410	4010	6170	5290	4710			
18.4-26	DW16	480	1426	645	4213	10	1.8	6100	3980	2940	2840	2650	2410	3710	3180	2840			
						142A8	26	13440	8770	6480	6260	5840	5310	8170	7000	6260			
	W15L	18.9	56.1	25.4	165.9	12	2.3	6900	4500	3330	3210	3000	2730	4200	3600	3210			
						146A8	33	15200	9910	7330	7070	6610	6010	9250	7930	7070			
23.1-26	DW20	587	1580	697	4600	10	1.4	7480	4880	3610	3480	3250	2960	4550	3900	3480			
						149A8	20	16480	10750	7950	7670	7160	6520	10020	8590	7670			
						12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910			
						153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610			
16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680									
159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310									

## 329 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index Speed Symbol	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
								Static					Low Torque					High Torque	
mm in	mm in	mm in	mm in	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	10 6							
28L-26	DW25A	714	1590	702	4627	16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820			
						160A8	29	22800	14870	11010	10620	9910	9030	13880	11890	10620			
13.6-28	W12	345	1311	610	3942	6	1.6	3340	2180	1610	1550	1450	1320	2030	1740	1550			
						121 A8	23	7360	4800	3550	3410	3190	2910	4470	3830	3410			
	w11	13.6	51.6	24	155.2	8	2	3910	2550	1890	1820	1700	1550	2380	2040	1820			
						126A8	29	8610	5620	4160	4010	3740	3410	5240	4490	4010			

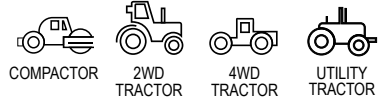
# 329 I-2 COMPACTOR & IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)										
		SW	OD						Speed, km/h (mph)										
		Free rolling				Drive Wheel													
		mm in	mm in	mm in	mm in	Load index	Speed Sym	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31			
13.50-16.1SL	W11C	353 13.9	1021 40.2	450 17.7	2970 116.9	10	136A8	⊙	2.8 41	3140 6920	2670 5880	2240 4930	2020 4450	2170 4780	1840 4050	1550 3410	1400 3080		
							132 B	⊙											
							123A8	⊙											
							120 B	⊙											
							12	138A8	⊙	3 44	3300 7270	2810 6190	2360 5200	2120 4670	2310 5090	1960 4320	1650 3630	1490 3280	
							134 B	⊙											
	125A8	⊙																	
	122 B	⊙																	

# 330 R-3 C+C

CUT & CHIP RESISTANT COMPOUND

The Alliance 330 Drive Wheel is a multi-purpose tire designed to provide high load capacity, significant traction and smooth ride comfort. It is suitable for on-the-road, industrial and road construction equipment. The strong nylon construction, rugged design, and ozone resistant compounds provide long tread life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		Not high and sustained torque; Road transport								Field operation							
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31	10 6	20 12	High Torque 10 6	
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	8	1.1	6670	4350	3220	3100	2900	2640	4060	3480	3100	
						145A8	16	14690	9580	7090	6830	6390	5810	8940	7670	6830	
						12	1.7	8400	5480	4050	3910	3650	3320	5110	4380	3910	
						153A8	25	18500	12070	8920	8610	8040	7310	11260	9650	8610	
						16	2.3	10060	6560	4860	4680	4375	3980	6130	5250	4680	
						159A8	33	22160	14450	10700	10310	9640	8770	13500	11560	10310	
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661 183.5	12	1.4	8630	5630	4160	4010	3750	3410	5250	4500	4010	
						154A8	20	19010	12400	9160	8830	8260	7510	11560	9910	8830	
						16	2	10350	6750	5000	4820	4500	4100	6300	5400	4820	
650/75R32	W21	628 24.7	1765 69.5	800 31.5	5135 202.2	160A8	1.6	10350	6750	4995	4815	4500	4500	-	-	-	
						160B	23	22820	14880	11010	10620	9920	9920	-	-	-	

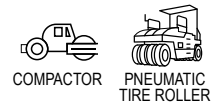
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press.	Recommend load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		Industrial Tractor											
		mm in	mm in	mm in	mm in	Speed Symbol	Bar psi	Static	10 6	25 16	30 19	40 25	50 31
800/60R32 (30.5LR32)	DW27	775 30.5	1794 70.6	796.2 31.3	5323 209.6	165A8/165B	1.6	14880	6900	5665	5510	5150	5150
							23	32810	15210	12490	12150	11350	11350

# 330 COMPACTOR & TRACTOR

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR, Stars Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								Free Rolling				Drive Wheel				
								mm in	mm in	mm in	mm in	Static	10 6	25 16	40 25	50 31
23.1-26	DW20	587 23.1	1580 62.2	697 27.4	4600 181.1	12	1.7	12020	6530	5540	5225	4750	5940	5040	4750	4320
						162A8	25	26480	14380	12200	11510	10460	13080	11100	10460	9520
						16	2.3	14170	7700	6530	6160	5610	7000	5940	5600	5100
						168A8	33	31210	16960	14380	13570	12360	15420	13080	12330	11230
						18	2.6	15180	8250	7000	6600	6010	7500	6360	6000	5460
						170A8	38	33440	18170	15420	14540	13240	16520	14010	13220	12030
28L-26	DW25A	714 28.1	1590 62.6	702 27.6	4661 183.5	12	1.6	13790	7490	6350	5995	5460	6810	5780	5450	4960
						167A8	23	30370	16500	13990	13200	12030	15000	12730	12000	10930
						16	2.2	16450	8940	7580	7150	6510	8130	6890	6500	5920
						173A8	32	36230	19690	16700	15750	14340	17910	15180	14320	13040

\* Available in OD = 61 (1550 mm) defined as B-61.

## 890 C-1



Alliance 890 is a specifically designed for compacting roadbeds and rolling asphalt, the smooth wide tread provides even pressure distribution on road surfaces leading to a smooth finish. The compound used in this tire provides enhanced resistance to oily chemicals used in compacting applications thus providing outstanding durability during operation.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Symb.	Infl. press	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
							mm in	mm in
11.00-20	8.00x20	293	1070	488	3294	18	8.3	5806
		11.5	42.1	19.2	129.7		120	12800



**LAWN,  
GARDEN  
AND TURF**





# 221

HF-2

FLOTATION



Alliance 221 Grassland Flotation (High Flotation) tire improves mobility of utility vehicles and agricultural implements and can replace dual tire configurations. The tire has high load capacity with reduced inflation and rolling resistance. The large footprint of the tire minimizes damage to the field and crops. The nylon carcass and special ozone resistant compound ensures longer tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/ Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		Speed, km/h (mph)							Mixed application									
		SW	OD															
		mm in	mm in						10 6	20 12	25 16	30 19	35 22	40 25	45 28	50 31		
31x15.50-15 NHS	13LB	391	792	353	2319	6	109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975		
		15.4	31.2	13.9	91.3		107 B	30	3220	2930	2780	2620	2470	2360	2250	2150		
		33x15.5-15	13LB	390	875	375	2530	8	118A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
				15.4	34.4	14.8	99.6		116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
450/55-17 NHS	16	440	925	413	2711	8	132 A8	2.5	2780	2520	2390	2260	2130	2000	1940	1850		
		17.3	36.4	16.3	106.7		129 B	36	6120	5550	5260	4980	4690	4410	4270	4070		

## 221 IMPLEMENT RADIAL

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symbol	Infl press	Recommend load, kg (lbs)							
		Speed, km/h (mph)						Mixed application							
		SW	OD												
		mm in	mm in					Static	10 6	25 16	30 19	40 25	50 31	60 37	65 40
425/55R17	13	420	890	399	2656	137D	3.5	5290	4140	3630	3470	3130	2780	2460	2300
		16.5	35	15.7	104.6	140A8	51	11650	9120	8000	7640	6890	6120	5420	5070
440/50R17	14	441	880	394	2675	135D	3.6	5010	3920	3440	3290	2960	2640	2330	2180
		17.4	34.6	15.5	105.3		52	11040	8630	7580	7250	6520	5810	5130	4800
500/55R20	16x20	505	1055	455	3250	160B	4.2	8560	6700	5880	5620	5060	4500	3980	3720
		19.9	41.5	17.9	127.9		61	18850	14760	12950	12380	11150	9910	8770	8190

# 322

HF-1

FLOTATION



2WD  
TRACTOR

Alliance 322 tread pattern provides extremely gentle operation of golf carts, turf equipment and lawn mowers. The high void to rubber ratio enables long tread life, large footprint, as well as low and uniform ground pressure. Low tread depth and unique shoulder design minimize turf damage on hills and during sharp turns. The large footprint allows more tread on the ground and keeps the machine/equipment from sinking in while crossing wet or soft ground. The 322 tread pattern also provides smooth operation on hard surfaces.



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)				
		SW	OD						Speed, km/h (mph)				
		Mixed application											
		mm in	mm in						mm in	mm in	mm in	mm in	static
33x16LL-16.1	14	427	851	386	2520	10	127B	2.75	3780	2770	2310	1960	1750
		16.8	33.5	15.2	99.2				8330	6100	5090	4320	3850
41x14.00-20 NHS	11	381	1092	493	3224	4	120B	1.7	3020	2210	1850	1570	1400
		15	43	19.4	126.9				6650	4870	4070	3460	3080
44x18.00-20 NHS	14	457	1143	514	3366	6	136A8 132B	2.1	4210	3080	2570	2180	1950
		18	45	20.2	132.5				9270	6780	5660	4800	4300

# 332

HF-3

FLOTATION



TRAILER

Alliance 332 is a high flotation tire which improves mobility of utility vehicles and agricultural implements. It can be used to replace dual configuration tires. The tire is engineered for high load carrying capacity with reduced inflation and rolling resistance. The large footprint minimizes damage to the field and crops. A nylon carcass and special ozone resistant compound ensure longer tire life.



GRASS & TURF



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		Mixed application																
		mm in	mm in						mm in	mm in	mm in	mm in	mm in	mm in	10 6	20 12	25 16	30 19
31x15.50-15 NHS Normalized tire dimensions	13LB	391	792	367	2540	100	100 A8	1.4	1160	1050	1000	950	890	850	810	775		
									99 B	20	2560	2310	2200	2090	1960	1870	1780	1710
									109 A8	2.1	1460	1330	1260	1190	1120	1070	1020	975
									107 B	30	3220	2930	2780	2620	2470	2360	2250	2150
									118 A8	3.1	1880	1700	1610	1530	1440	1380	1310	1250
									116 B	45	4140	3740	3550	3370	3170	3040	2890	2750
									127 A8	4.2	2480	2240	2130	2010	1900	1820	1730	1650
									125 B	61	5470	4940	4700	4430	4190	4010	3810	3640

# 579 R-3+

Alliance 579 is a purpose built radial tire that can effortlessly ply on various surfaces (turf, sand, asphalt and mud). It blends the features of the R-1 and R-4 tires, while overcoming their limitations. It has a spectrum of sizes for both front and rear axles. The tread depth is ideal for usage in gardens, orchards and vineyards.



SIZE	RIM	P.R. & LI	OD.		SW		Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
			mm in	mm in	mm in	mm in	kg lbs	bar psi	km/h mph		
220/55R12	7.00B/7.00-I-90	82A8 82B	550	220	1639	252	475	2.4	40		
			21.7	8.7	64.5	9.9	1047	35	25		
240/60R12	8.00B/8.00-I-90	89A8 89B	592	240	1764	269	580	2.4	40		
			23.3	9.4	69.4	10.6	1279	35	25		
220/55R14	7JA	93A8 93B	592	220	1765	260	650	3.8	40		
			23.3	8.7	69.5	10.2	1430	55	25		
200/60R15	7JA	83A8 83B	620	200	1856	286	487	2.4	40		
			24.4	7.9	73.1	11.3	1074	35	25		
200/65R16	W6	94A8 94B	666	198	1968	307	670	2.4	40		
			26.2	7.8	77.5	12.1	1480	35	25		
200/70R16	W6	94A8 94B	686	198	1997	330	670	2.4	40		
			27	7.8	78.6	13	1477	35	25		
240/70R16	W8	104A8	740	245	2190	345	900	2.4	40		
			29.1	9.6	86.2	13.6	1980	35	25		
260/70R16	W8	109A8 109B	770	260	2295	350	1030	2.4	40		
			30.3	10.2	90.4	13.8	2270	35	25		
280/70R16	W9	112A8 112B	800	282	2384	363	1120	2.4	40		
			31.5	11.1	93.9	14.3	2469	35	25		
300/70R20	W9	110A8 110B	954	295	2843	435	1060	1.6	40		
			37.6	11.6	111.9	17.1	2340	23	25		
320/70R20	W10	113A8 113B	982	320	2926	446	1150	1.6	40		
			38.7	12.6	115.2	17.6	2540	23	25		
360/70R24	W11	122A8	1152	360	3440	535	1500	1.6	40		
			45.4	14.2	135.4	21.1	3310	23	25		
380/70R24	W12	125A8 125B	1190	380	3546	540	1650	1.6	40		
			46.9	15	139.6	21.3	3640	23	25		
420/70R24	W13	130A8 130B	1248	418	3719	563	1900	1.6	40		
			49.1	16.5	146.4	22.2	4190	23	25		
320/85R28	W10	124A8	1252	328	3741	562	1600	1.6	40		
			49.3	12.9	147.3	22.1	3530	23	25		
360/70R28	W11x28	125A8 125B	1251	357	3768	575.3	1650	1.6	40		
			49.3	14.1	148.3	22.6	3640	23	25		

Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circumference	Load Index PR Symbols	Inflation Pressure	Recommended Load, kg (lbs)						
		SW	OD					Speed, km/h (mph)						
								Constant load						
								bar	psi	Static	10	25	30	40
480/70R28	W15L	479	1421	632	4210	140A8	1.6	5750	3750	2780	2680	2500	2500	
		18.9	55.9	24.9	165.7	140B	23	12680	8270	6130	5910	5510	5510	
340/85R28	W12	343	1289	607.5	3835	127A8	1.6	4030	2630	1940	1870	1750	1750	
		13.5	50.7	23.9	151	127B	23	8890	5800	4280	4120	3860	3860	
260/70R18	W8	258	821	382.5	2460	114A8	2.8	2710	1770	1310	1260	1180	1180	
		10.2	32.3	15.1	96.9	114B	41	5980	3900	2890	2780	2600	2600	
380/70R20	W12	380	1082	501	3236	122A8	1.6	3450	2250	1670	1610	1500	1500	
		15	42.6	19.7	127.4	122B	23	7610	4960	3680	3550	3310	3310	
480/70R30	W15L	479	1478	669	4420	141A8	1.6	5920	3860	2860	2760	2575	2575	
		18.9	58.2	26.3	174	141B	23	13050	8510	6310	6090	5680	5680	
480/70R34	W15L	479	1580	723	4715	143A8	1.6	6270	4090	3020	2920	2725	2725	
		18.9	62.2	28.5	185.6	143B	23	13820	9020	6660	6440	6010	6010	

# MATERIAL HANDLING



# Tire Patterns by Segments

## Radial Earthmover

**650**

TRACTION

ROADABILITY

TIRE LIFE

**E-3/G-3/L-3**

**C+C** **AS**  
CUT&CHIP RESISTANT COMPOUND ALL STEEL

Pg.No.180

**690**

TRACTION

ROADABILITY

TIRE LIFE

**E-3/G-3/L-3**

**C+C** **AS**  
CUT&CHIP RESISTANT COMPOUND ALL STEEL

Pg.No.180

**655**

TRACTION

ROADABILITY

TIRE LIFE

**G-2/L-2**

**SC** **AS**  
SPECIAL COMPOUND ALL STEEL

Pg.No.181

**600**

TRACTION

ROADABILITY

TIRE LIFE

**E-2/L-2/G-2**

**HRC** **AS**  
HEAT RESISTANT COMPOUND ALL STEEL

Pg.No.182

## Bias Earthmover

**308**

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

**G-2/L-2**

Pg.No.183

**302**

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

**E-2/L-2/G-2**

Pg.No.184

**307**

TRACTION

LOAD CARRYING CAPACITY

GROUND STABILITY

**G-2/L-2**

**C+C**  
CUT&CHIP RESISTANT COMPOUND

Pg.No.185

**AL 318**

TRACTION

DUTY CYCLE

GROUND STABILITY

**E-3/L-3**

**SC** **HRC**  
SPECIAL COMPOUND HEAT RESISTANT COMPOUND

Pg.No.186

**310**

TRACTION

ROADABILITY

TIRE LIFE

**E-3/L-3/G-3**

**SC**  
SPECIAL COMPOUND

Pg.No.187

**311**

GROUND STABILITY

TIRE LIFE

ROADABILITY

TRACTION

DRIVING COMFORT

**IND-4**

**HRC**  
HEAT RESISTANT COMPOUND

Pg.No.187

**210 SUPER TRANSPORT LUG**

TRACTION

ROADABILITY

TIRE LIFE

**E-2/L-2**

**SC**  
SPECIAL COMPOUND

Pg.No.188

## Port

**505**

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

**IND-3**

**SC** **AS**  
SPECIAL COMPOUND ALL STEEL

Pg.No.190

**309**

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

**E-3**

**SC**  
SPECIAL COMPOUND

Pg.No.190

**315 PORT STAR PLUS**

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

**IND-4.5**

**HRC** **WRC** **SC**  
HEAT RESISTANT COMPOUND WEAR RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.190

**AL 318**

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

**IND-4**

**HRC** **SC**  
HEAT RESISTANT COMPOUND SPECIAL COMPOUND

Pg.No.141

**609**

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

**IND-4**

**AS** **SC**  
ALL STEEL SPECIAL COMPOUND

Pg.No.191

**610**

TIRE LIFE

DRIVING COMFORT

DUTY CYCLE

GROUND STABILITY

**IND-4**

**AS** **SC**  
ALL STEEL SPECIAL COMPOUND

Pg.No.191



# Tire Patterns by Segments

## Port

**311**



**IND-4**

**HRC**  
HEAT RESISTANT COMPOUND

Pg.No.192

## Forklift

**MH-504**



**IND-1**

**C+C**  
CUT&CHIP RESISTANT COMPOUND

**WRC**  
WEAR RESISTANT COMPOUND

Pg.No.193

## Mobile Crane

**630**



**E-3**

**SC** **AS**  
SPECIAL COMPOUND ALL STEEL

Pg.No.194

**636**



**E-2**

**HRC** **C+C** **SC** **AS**  
HEAT RESISTANT COMPOUND CUT&CHIP RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL

Pg.No.194

**639**



**E-2**

**HRC** **C+C** **SC** **AS**  
HEAT RESISTANT COMPOUND CUT&CHIP RESISTANT COMPOUND SPECIAL COMPOUND ALL STEEL

Pg.No.194

## UGM

**314 MINE SERVICE**



**L-SS**

**SC** **WRC**  
SPECIAL COMPOUND WEAR RESISTANT COMPOUND

Pg.No.196





**EARTHMOVER**

# RADIAL EARTH MOVER

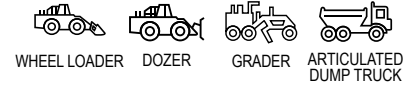
650

E-3/G-3/L-3

C+C

AS

CUT & CHIP RESISTANT COMPOUND ALL STEEL



Alliance 650 has a well proven tread pattern that enables its use for a wide range of applications on different kinds of mobile construction equipment. It's all steel construction ensures higher productivity with lower downtime.



OFF ROAD SURFACE MINING

## 650 LOADER DOZER



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road					Hard Improved Surfaces				
		SW	OD					Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
									Speed, km/h (mph)					Speed, km/h (mph)			
		mm in	mm in					bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16
15.5R25	12.00/1.3	395	1277	563	3858	**	5.75	11360	8020	7100	6040	6.9	12780	10300	9590	8880	
L-3/E3		15.6	50.3	22.2	151.9	176A2	83	25040	17680	15650	13320	100	28180	22710	21140	19580	
20.5R25	17.00/2.0	536	1500	665	4380	**	5.75	18400	13000	11500	9780	6.9	20700	16680	15530	14380	
L-3/E3		17.00/1.7	21.1	59.1	26.2	172.4	193A2	83	40570	28660	25350	21560	100	45640	36770	34240	31700
23.5R25	19.50/2.5	615	1618	719	4730	**	5.75	23200	16390	14500	12330	6.9	26100	21030	19580	18130	
L-3/E3		24.2	63.7	28.3	186.2	201A2	83	51150	36130	31970	27180	100	57540	46360	43170	39970	
26.5R25	22.00/3.0	695	1738	779	5110	**	5.75	29600	20910	18500	15730	6.9	33300	26830	24980	23130	
L-3/E3		27.4	68.4	30.7	201.2	209A2	83	65260	46100	40790	34680	100	73410	59150	55070	50990	

## 650 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34	
		mm in	mm in					mm in	mm in	bar psi	bar psi	bar psi	bar psi	bar psi	bar psi	bar psi	bar psi
15.5R25	12.00/1.3	395	1277	563	3858	**	4.5	5040	4950	4860	4770	4680	4640	4590	4500	4370	
E3/G3		15.6	50.3	22.2	151.9	176A2	65	11110	10910	10710	10520	10320	10230	10120	9920	9630	
20.5R25	17.00/2.0	538	1495	708	4550	**	4.5	8180	8030	7880	7740	7590	7520	7450	7300	7080	
E3/G3		17.00/1.7	21.2	58.9	27.9	179.1	177B	65	18030	17700	17370	17060	16730	16580	16420	16090	15610
23.5R25	19.50/2.5	605	1611	732	4780	**	4.5	10360	10180	9990	9810	9620	9530	9440	9250	8970	
E3/G3		23.8	63.4	28.8	188.2	185B	65	22840	22440	22020	21630	21210	21010	20810	20390	19780	
26.5R25	22.00/3.0	680	1745	778	5110	*	3.5	10080	9900	9720	9540	9360	9270	9180	9000	8730	
E3/G3		26.8	68.7	30.6	201.2	184B	51	22220	21830	21430	21030	20640	20440	20240	19840	19250	
						**	4.5	12880	12650	12420	12190	11960	11850	11730	11500	11160	
						193B	65	28400	27890	27380	26870	26370	26130	25860	25350	24600	

690

E-3/G-3/L-3

C+C

AS

CUT & CHIP RESISTANT COMPOUND ALL STEEL



Alliance 690 is a modern wide-base, all-steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction enable superior performance and high mileage coupled with smoother rides. The all steel construction ensures low downtime and higher productivity.



OFF ROAD SURFACE MINING

## 690 LOADER DOZER



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road					Hard Improved Surfaces				
		SW	OD					Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
									Speed, km/h (mph)					Speed, km/h (mph)			
		mm in	mm in					bar psi	Static	5 3	10 6	25 16	bar psi	Static	5 3	10 6	25 16
17.5R25	14.00/1.5	477	1345	619	3994	**	5.75	13600	9610	8500	7230	6.9	15300	12330	11480	10630	
L-3/E3		17.6	53	24.4	157.3	182A2	83	29980	21190	18740	15940	100	33730	27180	25310	23440	
All Steel																	

# 690 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in	mm in	mm in	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34		
17.5R25	14.00/1.5	477	1345	619	3994	**	4.5	6100	6000	5890	5780	5670	5610	5560	5450	5290
E3/L3		17.6	53	24.4	157.3	167B	65	13450	13230	12990	12740	12500	12370	12260	12020	11660

## 655

**G-2/L-2**

**C+C**

**SC**

**AS**

CUT&CHIP RESISTANT COMPOUND

SPECIAL COMPOUND

ALL STEEL



GRADER

WHEEL LOADER

Alliance 655 Multiuse Special Winter tire represents an excellent all-season tire provided with specific, wide, non directional tread pattern which enables good grip on every surface and good self cleaning even in muddy terrains. Its strong steel stress resistant casing reduces punctures. The tire's special rubber compound, aggressive blocks and sipes enable exceptional traction, maneuvering ability and braking on ice and snow as well as on sand and loose terrains. Low motion resistance of the tire significantly decreases vehicle fuel consumption, and the special rubber compound along with strong all-steel carcass enables longevity.



## 655 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Off-the road				Hard Improved Surfaces				
		SW	OD					Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in	mm in	mm in	bar psi	Static	5 3	10 6	25 16	bar psi		Static	5 3	10 6	25 16
15.5R25	12.00/1.3	400	1274	564	3804	*	4.5	10440	8410	7830	7250	9280	6550	5800	4930	7250
		15.7	50.2	22.2	149.8	169A2	65	23020	18540	17260	15980	20460	14440	12790	10870	15970
17.5R25	14.00/1.5	440	1349	614	4046	176A2	4.5	12780	10300	9590	8880	11360	8020	7100	6040	8880
		17.3	53.1	24.2	159.3	65	28180	22710	21140	19580	25040	17680	15650	13320	19560	
20.5R25	17.00/2	522	1496	662	4486	*	4.5	17100	13780	12830	11880	15200	10740	9500	8080	11880
		20.6	58.9	26.1	176.6	186A2	65	37700	30380	28290	26190	33510	23680	20940	17810	26170

## 655 TRANSPORT AND GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
		mm in	mm in	mm in	mm in	bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34		
14.00R24	10.00VA 9.00/1.5 8.00TG	385	1364	623	4065	153A8	3.75	3650	3650	3650	3650	3650	3650	3650	3500	3320	3140
		15.2	53.7	24.5	160		54	8040	8040	8040	8040	8040	8040	7710	7390	6920	
15.5R25	12.00/1.3	400	1274	579	3804	152B	3	3270	3210	3150	3090	3030	3000	2850	2730	-	
		15.7	50.2	22.8	149.8		44	7200	7070	6940	6810	6670	6610	6280	6010	-	
		3.5	3980	3910	3830		3760	3690	3660	3620	3550	3480					
17.5R25	14.00/1.5	440	1349	621	4046	157B	3	3980	3910	3830	3760	3690	3650	3470	3320	-	
		17.3	53.1	24.4	159.3		44	8770	8610	8440	8280	8130	8040	7640	7310	-	
		3.5	4620	4540	4460		4370	4290	4250	4210	4125	4040					
20.5R25	17.00/2	522	1496	688	4486	168B	3	5040	4950	4860	4760	4670	4625	4390	4210	-	
		20.6	58.9	27.1	176.6		44	11100	10900	10700	10480	10290	10190	9670	9270	-	
		3.5	6270	6160	6050		5940	5820	5770	5710	5600	5490					
							51	13810	13570	13330	13080	12820	12710	12580	11810	12090	

Highlighted rows indicate grader application

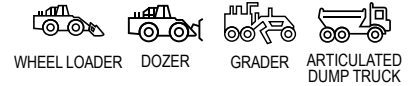


# 600

**E-2/L-2/G-2**

**HRC**  
HEAT RESISTANT COMPOUND

**AS**  
ALL STEEL



Alliance 600 is a modern wide base, all steel radial tire for all types of earthmoving equipment. Its unique tread design and sophisticated construction ensure superior performance coupled with smoother rides and higher productivity.



OFF ROAD SURFACE MINING



## 600 LOADER DOZER

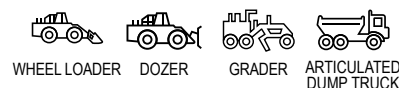
Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								Speed, km/h (mph)				Speed, km/h (mph)				
								bar psi	Static	5 3		10 6	25 16	bar psi	Static	5 3
15.5R25 L2	12.00/1.3	391	1274	576	3760	*	4.5	9280	6550	5800	4930	5.4	10440	8410	7830	7250
		15.4	50.2	22.7	148	169A2	65	20460	14440	12790	10870	78	23020	18540	17260	15980
17.5R25 L2	14.00/1.5	445	1345	594	3920	*	4.5	11360	8020	7100	6040	5.4	12780	10300	9590	8880
		17.5	53	23.4	154.3	176A2	65	25040	17680	15650	13320	78	28180	22710	21140	19580

## 600 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	load index Speed Sym	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
								15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
								mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
15.5R25 E2 / G2	12.00/1.3	391	1274	591	3830	*	3.5	3980	3910	3830	3760	3690	3660	3620	3550	3440
		15.4	50	23.3	150.8	152B	51	8770	8620	8440	8290	8140	8070	7980	7830	7580
17.5R25 E2 / G2	14.00/1.5	445	1345	614	4000		3.5	4620	4540	4460	4370	4290	4250	4210	4125	4000
		17.5	53	24.2	157.5	157B	51	10190	10010	9830	9630	9460	9370	9280	9090	8820

# BIAS EARTH MOVER

## 308 G-2/L-2



Alliance 308 is a tire designed for rugged service on front-end loaders. Husky tread bars are sized and angled for maximum traction and specially contoured to resist tearing and chipping. The overlapping lugs ensure smooth rolling on any type of surface and the spacing between lugs provides self-cleaning properties. It is built with ozone and weather-resistant compounds and has a strong nylon construction.



### 308 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road						Hard Improved Surfaces			
		SW mm in	OD mm in				Infl. press bar psi	Recommended load, kg (lbs)				Infl. press bar psi	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								Static	5 3	10 6	25 16		Static	5 3	10 6	25 16
15.5-25 L-2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12	4	8960	6330	5600	4480	4.8	10080	8120	7560	7000
						168A2	58	19750	13960	12350	9877	70	17900	22220	16670	15430
						12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
17.5-25 L-2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	171A2	51	21690	15320	13560	11530	61	24410	19670	18300	16950
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130
						177A2	69	25750	18190	16090	13690	83	28970	23350	21740	20130
20.5-25 L-2	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
						181A2	51	29070	20530	18170	15440	61	32710	26340	24540	22710
						20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880
						186A2	65	33480	23660	20930	17800	78	37670	30350	28260	26170

### 308 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press bar psi	Recommend load, kg (lbs)								
		SW mm in	OD mm in					Speed, km/h (mph)								
								15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5-25 308 L2 G2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12	2.5	3640	3580	3510	3450	3380	3350	3310	3250	-
						149B	36	8030	7890	7740	7610	7450	7390	7300	7170	-
17.5-25 308 L2 G2	14 14SDC	444 17.5	1348 53.1	599 23.6	3940 155.1	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
						153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
						158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
20.5-25 308 L2 G2	17	520 20.5	1492 58.7	658 25.9	4340 170.9	16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
						167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
						170B	47	14820	14550	14290	14020	13760	13630	13490	13230	12830

# 302 E-2/L-2/G-2



Alliance 302 is a heavy duty implement tire for industrial application and for all types of hard services. It has good self-cleaning ability, as well as high traction, which makes this tread design suitable for all kinds of off road services. Its strong nylon carcass ensures full power transmission as well as good resistance to mechanical tire failures.



## 302 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								bar psi	Static	5 3	10 6		25 16	bar psi	Static	5 3
15.5-25 L2	12 12SDC	394 15.5	1277 50.3	564 22.2	3720 146.5	12 168A2	4 58	8960 19750	6330 13960	5600 12350	4760 10490	4.8 70	10080 22220	8120 17900	7560 16670	7000 15430

## 302 IMPLEMENT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Free rolling	Speed, km/h (mph)								
										Load index speed Sym	bar psi	10 6	25 16	40 25	50 31	25 16	40 25	50 31
16.5/85-28	W13L W14L W15L	417 16.4	1423 56	626 24.6	4133 162.7	10	159A6	2.3 33	5640 12430	4990 11000	4375 9650	3940 8690	3510 7740	3075 6780	2770 6110			
							156A8											
							147A6											
							144A8											

## 302 TRACTOR HEAVY DUTY

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Industrial Use				Agricultural Use					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
								Speed, km/h (mph)					Speed, km/h (mph)			
								Constant load		Cyclic Application			Field		Road Transport	
14.9-28	W13	378	1343	606	3962	12	3.1	3430	3150	3870	3150	2.7	2530	3160	2360	2150
	W12					148A8	45	7560	6950	8530	6950	39	5580	6970	5200	4740
16.9-28	W15L W14 DW14	429 16.9	1410 55.5	641 25.2	4179 164.5	12	2.6	3870	3550	4370	3550	2.4	2920	3650	2725	2480
						152A8	38	8530	7830	9630	7830	44	9300	8540	10520	8540
						14	3	4220	3875	4770	3875	2.8	3210	4020	3000	2730
						155A8	35	6440	8050	6010	5470	41	7080	8860	6610	6020

## 302 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								bar psi	15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
15.5-25 E2	12SDC	394 15.5	1227 50.3	564 22.2	3720 146.5	8	1.75	2880	2830	2780	2730	2680	2650	2630	2575	2500	
						141B	25	6340	6230	6120	6010	5900	5840	5790	5670	5510	
						10	2.25	3360	3300	3240	3180	3120	3090	3060	3000	2910	
						146B	33	7400	7270	7140	7000	6870	6810	6740	6610	6410	
						12	2.5	3640	3580	3510	3450	3380	3350	3320	3250	3150	
						149B	36	8020	7890	7730	7600	7440	7380	7310	7160	6940	
						14	2.75	3980	3910	3830	3760	3690	3660	3620	3550	3440	
						152B	40	8770	8610	8440	8280	8130	8060	7970	7820	7580	

# 307

G-2/L-2

C+C

CUT&CHIP  
RESISTANT  
COMPOUND



Alliance 307 is a pattern developed for Grader-Loader applications. The design provides optimal traction and cut resistance and also enables the tire to have excellent self cleaning characteristics and long life.



SIZE	PR	RIM	TYPE	O.D.	SW	SLR	RC	Recommended Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Dozer / Tele-handler)	
				mm in	mm in	mm in	mm in	Inflation Pressure	40 Kmph	Inflation Pressure	10 Kmph
14.00-24	12	8.00TG	TL	1338	360	607	3910	2.5	3075	4.25	6300
				52.7	14.2	23.9	153.9	36	6800	62	13900
13.00-24	12	8.00TG	TL	1338	360	607	3910	3.5	3650	5.5	7300
				52.7	14.2	23.9	153.9	51	8050	80	16100
15.5-25	12	12	TL	1270	330	579	3728	300	2725	4.5	5600
				50	13	22.8	146.8	44	6000	65	12300
17.5-25	16	14	TL	1278	390	584	3763	250	2650	400	5600
				50.3	15.4	23	148.2	36	5840	58	12300
20.5-25	16	17.00	TL	1347	440	597	3940	275	3350	475	7300
				53	17.3	23.5	155.1	40	7400	69	16100
20.5-25	16	17.00	TL	1493	518	674	4445	225	4000	350	8250
				58.8	20.4	26.5	175	33	8800	51	18200

# AL 318

E-3/L-3

HRC

SC

HEAT  
RESISTANT  
COMPOUND

SPECIAL  
COMPOUND



Alliance AL 318 Loader Dozer is a massive heavy-duty tire that provides better gripping in construction, mining, logging and rock service jobs. It has an all-round centre tread belt which makes it a tough tire. This tubeless tire made of nylon construction has extra wide lugs providing superior traction and long mileage. It is a non-directional tire built with a special compound that resists cuts, chipping and wear.



## 318 LOADER DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)			Infl. press	Recommended load, kg (lbs)				
								bar psi	Speed, km/h (mph)			bar psi	Speed, km/h (mph)			
									Static	5 3			10 6	25 16	Static	5 3
17.5-25 L-3	14SDC	444	1348	599	3940	12	3.5	9840	6950	6150	5230	4.2	11070	8920	8300	7690
						171A2	51	21690	15320	13560	11530	61	24380	19650	18280	16940
						16	4.75	11680	8250	7300	6210	5.7	13140	10590	9860	9130
18.00-25 L-3	13	498	1617	726	4760	177A2	69	25750	18190	16090	13690	83	28940	23330	21720	20110
						40	9.5	27200	-	17000	14450	11.4	30600	24650	22950	21250
						206A2	138	59970	-	37480	31860	165	67400	54300	50550	46810
20.5-25 L-3	17	520	1492	658	4340	16	3.5	13200	9320	8250	7010	4.2	14850	11960	11140	10310
						181A2	51	29100	20550	18190	15450	61	32710	26340	24540	22710
						20	4.5	15200	10740	9500	8080	5.4	17100	13780	12830	11880
23.5-25 L-3	19.5	597	1617	716	4720	186A2	65	33510	23680	20940	17810	78	37670	30350	28260	26170
						20	3.75	17440	12320	10900	9270	4.5	19620	15810	14720	13630
						191A2	54	38450	27160	24030	20440	65	43220	34820	32420	30020
26.5-25 L-3	22.00/3.0	673	1750	770	5080	20	3.5	21120	14920	13200	11220	4.2	23760	19140	17820	16500
						198A2	51	46560	32890	29100	24740	61	52330	42160	39250	36340
						24	4	22400	15820	14000	11900	4.8	25200	20300	18900	17500
						200A2	58	49380	34880	30870	26240	70	55510	44710	41630	38550
						28	4.75	24800	17520	15500	13180	5.7	27900	22480	20930	19380
203A2	69	54680	38630	34170	29060	83	61450	49520	46100	42690						

Earth Mover

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index Speed Sym	Off-the road					Hard Improved Surfaces				
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
				mm in	mm in			bar psi	Speed, km/h (mph)				bar psi	Speed, km/h (mph)		
		Static	5 3				10 6		25 16	Static	5 3	10 6		25 16		
29.5-25 L-3	25.00/3.5	750	1873	819	5420	22	3.25	24000	16950	15000	12750	3.9	27000	21750	20250	18750
		29.5	73.7	32.2	213.4	202A2	47	52910	37370	33070	28110	57	59470	47910	44600	41300
						32	5	30400	21470	19000	16150	6	34200	27550	25650	23750
						210A2	73	67020	47330	41890	35610	87	75330	60680	56500	52310

## 318 TRANSPORT & GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)								
		SW	OD					bar psi	Speed, km/h (mph)							
				mm in	mm in				15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31
		mm in	mm in	mm in	mm in			mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in
17.5-25 E-3	14 14SDC	444	1348	599	3940	12	2.25	4090	4020	3940	3870	3800	3760	3720	3650	3540
		17.5	53.1	23.6	155.1	153B	33	9020	8860	8690	8530	8380	8290	8200	8050	7800
						16	3	4760	4680	4590	4510	4420	4380	4340	4250	4120
						158B	44	10490	10320	10120	9940	9740	9660	9570	9370	9080
18.00-25 E-3	13	498	1617	726	4760	40	7	10920	10730	10530	10340	10140	10040	9950	9750	9460
		19.6	63.7	28.6	187.4	187B	102	24070	23660	23220	22800	22360	22130	21940	21500	20860
20.5-25 E-3	17	520	1492	658	4340	16	2.75	6100	6000	5890	5780	5670	5610	5560	5450	5290
		20.5	58.7	25.9	170.9	167B	40	13450	13230	12990	12740	12500	12370	12260	12020	11660
						20	3.25	6720	6600	6480	6360	6240	6180	6120	6000	5820
23.5-25 E-3	19.5	597	1617	716	4720	16	2.25	6890	6770	6640	6520	6400	6330	6270	6150	5970
		23.5		28.2	185.8	171B	33	15190	14930	14640	14370	14110	13960	13820	13560	13160
						20	3	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	44	18030	17700	17370	17060	16730	16580	16420	16090	15610
26.5-25 E-3	22.00/3.0	673	1750	770	5080	20	2.5	9240	9080	8910	8750	8580	8500	8420	8250	8000
		26.5	68.9	30.3	200	181B	36	20370	20020	19640	19290	18920	18740	18560	18190	17640
						24	3	10360	10180	9990	9810	9620	9530	9440	9250	8970
						185B	44	22840	22440	22020	21630	21210	21010	20810	20390	19780
29.5-25 E-3	25.00/3.5	750	1873	819	5420	28	3.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
		29.5	73.7	32.2	213.4	188B	51	24690	24250	23810	23370	22930	22710	22490	22050	21390
						22	2.5	11200	11000	10800	10600	10400	10300	10200	10000	9700
						185B	36	24690	24250	23810	23370	22930	22710	22490	22050	21390
				32	3.75	14370	14090	13810	13540	13270	13010	12750	12500	12130		
				196B	54	31680	31060	30450	29850	29260	28680	28110	27560	26740		



# 310 E-3/L-3/G-3



Alliance 310 pattern is constructed for heavy-duty jobs. The tough tread design ensures high mileage even on the most abrasive surfaces. This is a directional tire built with weather and ozone-resistant compounds. Its nylon construction gives it long life.



## 310 GRADER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					15 9	20 12	25 16	30 19	35 22	40 25	45 28	50 31	55 34
16.00-24TG G-3 TG	10.00VA	432	1493	685	4450	12	2.25	3980	3910	3830	3760	3690	3650	3580	3540	-
		17	58.8	27	175.2	153A8	33	8770	8620	8440	8290	8140	8050	7890	7800	-
						20	3.75	5610	5510	5410	5300	5200	5150	5050	5000	-
						165A8	54	12370	12150	11930	11680	11460	11350	11130	11020	-

## 310 DOZER

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR load index	Off-the road				Hard Improved Surfaces					
		SW	OD				Infl. press	Recommended load, kg (lbs)				Infl. press	Recommended load, kg (lbs)			
		mm in	mm in					Speed, km/h (mph)					Speed, km/h (mph)			
		bar psi	Static					5 3	10 6	25 16	bar psi		Static	5 3	10 6	25 16
16.00-24 L-3	11.25	432	1493	685	4450	20	5.5	15600	11020	9750	8290	6.6	17550	14140	13160	12190
		17	58.8	27	175.2	187A2	80	34390	24300	21500	18280	96	38690	31170	29010	26870
						24	6.5	16960	11980	10600	9010	7.8	19080	15370	14310	13250
						190A2	94	37390	26410	23370	19860	113	42060	33890	31550	29210
16.00-25 L-3	11.25	432	1493	686	4460	28	7.5	18400	13000	11500	9780	9	20700	16680	15530	14380
		17	58.8	27	175.6	193A2	109	40570	28660	25350	21560	131	45640	36770	34240	31700
						32	8.75	20000	14130	12500	10630	10.5	22500	18130	16880	15630
						196A2	127	44090	31150	27560	23440	152	49600	39970	37210	34460

## 310 TRANSPORT / RDT

Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index	Infl. press	Recommend load, kg (lbs)								
		SW	OD					Speed, km/h (mph)								
		mm in	mm in					mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
16.00-25 E-3	11.25	432	1493	686	4460	28	5.75	7500	7370	7240	7100	6970	6900	6830	6700	6500
		17	58.8	27	175.6	174B	83	16540	16250	15960	15650	15370	15210	15060	14770	14330
						32	6.5	8180	8030	7880	7740	7590	7520	7450	7300	7080
						177B	94	18030	17700	17370	17060	16730	16580	16420	16090	15610

# 311 IND-4



Alliance Super Trac 311 is a premium all purpose tire for Mining, Industrial & Port applications. The 311 is highly versatile and modern design. Ideal for Backhoe loaders, Rigid Dump trucks (25ton), port and other mining applications. Robust nylon casing & reinforced high strength bead provides excellent stability. Special tread compound for extra long life even on abrasive surfaces. High ground contact area for good traction on paved surfaces. Continuous lug pattern help to mitigate the chances of lug chunking and tire damage. High turn up around bead results in less flexing in bead area, which protects the bead and minimize the chances of bead failure. Higher ground contact area ensures low ground pressure. This results in more life and uniform wear. The Super Trac 311 has high lateral stability, enabling it to carry heavy load on concrete /hard surfaces. Extra thick side wall limits flexing during operation, thus lesser heat is generated. This reduces the probability of sidewall damage and results in longer service life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Static	1 1	5 3	10 6	25 16
14.00-24	10	375	1368	630	4090	28PR	10	18000	16000	14500	13500	12500

# 210 SUPER TRANSPORT LUG

E-2/L-2



Alliance 210 Super Transport Lug tire is engineered to carry heavy loads on all types of surfaces such as sand, rock, mud, snow, etc. Its special tread design provides good traction and high mileage. The cap and base tread construction coupled with a strong nylon carcass ensures smooth running and long tire life.



Size	Rim	Unloaded dimension		Loaded Static Radius mm in	Rolling Circm. mm in	PR L/LS	Infl. press bar psi	Recommend load, kg (lbs)															
		SW	OD					Speed, km/h (mph)															
		mm in	mm in					15 9	20 12	30 19	40 25	50 31	60 37	70 44	80 50								
11.00-20 EM	8 8.00V 8.0V5° 8.5 8.50V 8.5V5°	293 11.5	1104 43.5	516 20.3	3355 132.1	D 16 150F	7.2	4790	4350	3630	3340	3250	3190	3050	2900								
							104	10560	9590	8000	7360	7170	7030	6720	6390								
							S 16 150F	7.9	5530	5030	4190	3850	3750	3690	3520	3350							
								115	12190	11090	9240	8490	8270	8140	7760	7390							
								12.00-20 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1145 45.1	534 21	3514 138.4	D 16 152F	6.6	5200	4730	3940	3620	3530	3470	3310	3150
															96	11460	10430	8690	7980	7780	7650	7300	6950
S 16 152F	7.2	5860	5330	4440	4080	3980	3910								3730	3550							
	104	12920	11750	9790	9000	8770	8620								8220	7830							
	D 18 154F	7.2	5530	5030	4190	3850	3750								3690	3520	3350						
		104	12190	11090	9240	8490	8270								8140	7760	7390						
S 18 154F		7.9	6190	5630	4690	4310	4200	4130	3940	3750													
		115	13650	12410	10340	9500	9260	9110	8690	8270													
	D 20 156F	7.6	5810	5280	4400	4050	3940	3870	3700	3520													
		110	12810	11640	9700	8930	8690	8530	8160	7760													
S 20 156F		8.3	6600	6000	5000	4600	4480	4400	4200	4000													
		120	14550	13230	11020	10140	9880	9700	9260	8820													
	12.00-24 EM	8.5 8.50V 8.5V5° 9 9.00V 9.0V5°	315 12.4	1247 49.1	585 23	3355 132.1	D 20 160F	7.9	6600	6000	5000	4600	4480	4400	4200	4000							
								115	14550	13230	11020	10140	9880	9700	9260	8820							
S 20 160F								8.6	7430	6750	5630	5180	5040	4950	4730	4500							
								125	16380	14880	12410	11420	11110	10910	10430	9920							



**PORT AND  
MOBILE CRANES**

# PORT

## 505

IND-3

SC

AS

SPECIAL COMPOUND

ALL STEEL



TERMINAL TRACTOR

Alliance 505 is a specially designed tire for terminal tractor operations at ports and terminals. The tire has deep treads that provide long service life and is suitable for operating on all types of wheel positions, drive and steering axles. Unique tread design and special rubber compound ensure a low wear rate. An all-steel construction gives excellent casing durability and protects the tire from external damages, while allowing high speeds with high loads.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles								
		SW	OD						Inflation Pressure bar (psi)								
		mm in	mm in	mm in	mm in	mm 1/32in	km/h mph	6 87	6.5 94	7 102	7.5 109	8 116	8.5 123	9 131	9.5 138	10 145	
280/75R22.5	7.5	275	996	451	3043	31	172A5	25	4230	4500	4770	5030	5290	5550	5800	6050	6300
	8.25	10.8	39	17.8	119.8	39.1	168A8	16	9320	9910	10510	11080	11650	12220	12780	13330	13880
								40	3770	4010	4250	4480	4710	4940	5160	5380	5600
								25	8300	8830	9360	9870	10370	10880	11370	11850	12330

## 309

E-3

SC

HRC

WRC

SPECIAL COMPOUND

HEAT RESISTANT COMPOUND

WEAR RESISTANT COMPOUND



CONTAINER HANDLER



HEAVY DUTY FORKLIFT

Alliance Portstar 309 is designed especially for heavy duty forklift trucks and container handlers operating on hard improved surfaces. Its unique tread design and special rubber compound provide long tread life. The heavy duty nylon construction protects the sidewalls against damage and ensures long tire life.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in	mm in	mm in	PR	Speed Symbol	bar psi	Static	1 1	5 3	10 6	25 16
14.00-24	10	375	1368	630	4100	28	196A5	10	18000	16000	14500	13500	12500
		14.8	53.9	24.8	161.4								

## 315 PORT STAR PLUS

IND-4.5

SC

HRC

WRC

SPECIAL COMPOUND

HEAT RESISTANT COMPOUND

WEAR RESISTANT COMPOUND



REACH STACKER

The Alliance 315 Port Star Plus is designed for port applications and is engineered with extra deep tread which is the highest in the segment. The robust nylon casing and high number of plies ensure high lateral stability and high load carrying capacity. The high ground contact area ensures that the pressure on ground is much lesser than maximum permissible pressure thus resulting in long tire life and uniform wear. A strong bead bundle of the tire results in minimizing bead failure. The specially formulated tread compound and higher insulation between the plies aid in lesser heat generation thus extending the life of the tire.



HARD IMPROVED SURFACE



Size	Rim Width in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Infl. Pressure	Load Capacity for Industrial (Harbour) applications				
		SW	OD					Speed km/h (mph)				
		mm in	mm in	mm in	mm in	PR	bar/(psi)	Static	1 1	5 3	10 6	25 16
18.00-25 E 4.5	13	498	1673	762	4952	40	10	31500	28000	25400	23600	21900
		19.6	65.9	30	195							



# AL 318

IND-4

SC

SPECIAL COMPOUND

HRC

HEAT RESISTANT COMPOUND



RUBBER TIRE GANTRY

Alliance AL 318 is designed for port use (paved surface). This tire is designed especially for Rubber Tire Gantry. High tread to void ratio and larger tread width provides very high ground contact area for good traction on paved surfaces.



HARD IMPROVED SURFACE



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load Index	Infl. press	Load Capacity for Industrial (Harbour) applications				
		SW	OD						Speed km/h (mph)				
		mm in	mm in	mm in	mm in		Static	1 1	5 3	10 6	25 16		
18.00-25	13	498	1618	727	4915	40	-	10	31500	28000	25400	23600	21900
E-3		19.6	63.7	28.6	193.5		-	145	69446	61729	55997	52029	48281

# 609

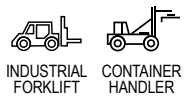
IND-4

AS

ALL STEEL

SC

SPECIAL COMPOUND



INDUSTRIAL FORKLIFT  
CONTAINER HANDLER

609 is a radial construction tire that allows the sidewall and the tread to function as two independent features of the tire. The sidewall flex is not transmitted to the tread ensuring the footprint only lengthens with minimal transversal slip. The increased flexibility and strength helps in absorbing shocks. Reinforced tread and sidewalls combined with casing specially designed for port applications provide effective protection against damage and abrasion. It also results in low operational costs and improved productivity.



HARD IMPROVED SURFACE



SIZE	P.R.	TYPE	RIM	O.D.	S.W.	SLR	L.C.C.	A.P.	SP
				mm in	mm in	mm in	kgs lbs	bar psi	kmph mph
16.00R25*	**	TL	11.25/2.0	1525	434	684	15000	10	25
				60	17.1	26.9	33069	145	16

# 610

IND-4

AS

ALL STEEL

SC

SPECIAL COMPOUND



REACH STACKER

Alliance 610 is a highly versatile and modern design tire. It has a strong casing due to reinforced tread and sidewalls. The 610 gives effective protection against damage and abrasion. It also has lower operational cost and hence improved productivity. Radial construction allows the sidewall and the tread to function as two independent features of the tire; sidewall flex does not transmit to the tread ensuring the footprint only lengthens with minimal transversal slip and increases its shock absorbing strength.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	NSD Tread Depth	Load Index Speed Symb.	Speed	For all axles									
		SW	OD						Inflation Pressure bar (psi)									
		mm in	mm in	mm in	mm in	mm 1/32in	km/h mph	6 87	6.5 94	7 102	7.5 109	8 116	8.5 123	9 131	9.5 138	10 145		
18.00R25*									UNDER DEVELOPMENT									



# 311 IND-4



Alliance Super Trac 311 is a premium all purpose tire for Mining, Industrial & Port applications. The 311 is highly versatile and modern design. Ideal for Backhoe loaders, Rigid Dump trucks (25ton), port and other mining applications. Robust nylon casing & reinforced high strength bead provides excellent stability. Special tread compound for extra long life even on abrasive surfaces. High ground contact area for good traction on paved surfaces. Continuous lug pattern help to mitigate the chances of lug chunking and tire damage. High turn up around bead results in less flexing in bead area, which protects the bead and minimize the chances of bead failure. Higher ground contact area ensures low ground pressure. This results in more life and uniform wear. The Super Trac 311 has high lateral stability, enabling it to carry heavy load on concrete /hard surfaces. Extra thick side wall limits flexing during operation, thus lesser heat is generated. This reduces the probability of sidewall damage and results in longer service life of the tire.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Infl. press	Recommend load, kg (lbs)				
		SW	OD					Speed, km/h (mph)				
		mm in	mm in					Load Capacity for Industrial applications (Port application)				
							Static kmph	Creep kmph	5 3	10 6	25 16	
14.00-24	10	375	1368	630	4090	28PR	10	18000	16000	14500	13500	12500
				24.8	161.0		145	39680	35270	31970	29760	27560

# 415 IND-4



Alliance 415 is designed with a IND-4 NSD and reduced weight to ensure less heat build up in the tire allowing it to work in conditions where heat build up is experienced due to atmospheric or surface conditions. Specially constructed casing resist separation between plies as well as between the tread and the casing enable it to work under high stress conditions. Reinforced bead bundle minimizes chances of bead failure.



Size	Rim	Unloaded Dimension		Loaded Static radius	Rolling Circum	Load Index PR Symbols	Inflation Pressure bar	Recommend load						
		SW	OD					Speed, km/h (mph)						
		mm	mm					Load Capacity for Industrial applications (Port application)						
		in	in					Max Load Capacity kgs/ (lbs)						
							Static kmph	Creep kmph	5 3	10 6	15 9	20 12	25 16	
18.00-25	13.00X25	500	1670	762	4945	40	10	31500	28000	25400	23600	22800	22000	21900
		19.7	65.7	30	194.7	Load Wheel	145	69450	61730	56000	52030	50270	48500	48280

# FORKLIFT

## MH-504

IND-1

C+C

WRC

CUT&CHIP  
RESISTANT  
COMPOUND

WEAR  
RESISTANT  
COMPOUND



The Alliance MH-504 is a value service tire designed to operate in forklift applications. Engineered with optimal tread depth for high performance in medium intensity operation. Strong Casing : Pneumatic ride comfort strengthened by stiff sidewalls to provide required stability in operations. Excellent load distribution and optimal footprint provides stability in operations a value offering with optimum tread depth for medium duty forklift tires.



SIZE	P.R. & LI	RIM	O.D.	S.W.	Rolling Circumference	Loaded Static Radius	Recommended Load	Inflation Pressure	Speed
			mm in	mm in	mm in	mm in	kg lbs	bar psi	kmph mph
6.50-10 NHS	12	5.00F	602	183	1714	266	2150	9.7	15
			23.7	7.2	67.5	10.5	4740	141	9
7.00-12 NHS	12	5.00S	683	192	1956	304	2720	8.8	15
			26.9	7.6	77	12	5997	128	9
250-15 NHS	16	7.50BD	735	250	2163	336	4285	9.3	15
			28.9	9.8	85.2	13.2	9447	135	9
28X9-15 (8.15-15) NHS	14	7.0BD	706	221	2064	321	3415	9.7	15
			27.8	8.7	81.3	12.6	7529	141	9
300-15 NHS	20	8.0	840	300	2434	378	6575	9.3	15
			33.1	11.8	95.8	14.9	14495	135	9
7.50-15 NHS	12	6.00BD	808	215	2327	361	3490	7.9	15
			31.8	8.5	91.6	14.2	7694	115	9
8.25-15 NHS	14	6.50	847	236	2427	377	4255	8.3	15
			33.3	9.3	95.6	14.8	9381	120	9
5.00-8 NHS	10	3.00D	469	131	1339	208	1250	10	15
			18.5	5.2	52.7	8.2	2756	145	9
6.00-9 NHS	10	4.00E	544	165	1549	240	1685	8.6	15
			21.4	6.5	61	9.4	3715	125	9

# MOBILE CRANE

630

E-2

SC  
SPECIAL COMPOUND

AS  
ALL STEEL

  
HIGH SPEED  
MOBILE CRANE

Alliance 630 has been designed to meet the requirement of comfort in high-speed crane applications, as well as, to enable efficient operations in off the road applications. A specific non-directional tread pattern enables precise steering response, reduces noise and enables high driving comfort. Strong all-steel casing combined with low heat-build-up tread rubber compound enable long and efficient tire life.



Size	Rim	Unloaded Dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Infl. press	Recommend load, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
		mm in	mm in					Static	5 3	10 6	20 12	30 19	40 25	50 31	60 40	70 44	80 50	90 56	100 62
16.00R25 All Steel	11.25/2.0	435 17.1	1486 58.5	691 27.2	4578 180.2	174F	9	16750	14070	12060	10050	8380	7710	7500	7200	7040	6700	6400	-
							131	36930	31020	26590	22160	18480	17000	16540	15870	15520	14770	14110	-
						177E	9	20810	16790	13510	10220	9490	9050	8610	7740	7300	5990	5110	4380
							131	45880	37020	29780	22530	20920	19950	18980	17060	16090	13210	11270	9660

636

E-2

HRC  
HEAT RESISTANT COMPOUND

SC  
SPECIAL COMPOUND

AS  
ALL STEEL

C+C  
CUT&CHIP RESISTANT COMPOUND

 POWER TRAIN  
 HIGH SPEED MOBILE CRANE

636 is a massive radial tire for heavy duty applications and long distance transportation. It is designed for highway service at high speeds. The strong all steel casing of the tire ensures excellent durability, even tread wear and long life. The massive blocked tread pattern gives maximum traction and high road grip and is suitable for both on and off road.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in						Free rolling				Drive Wheel					
385/95R25* (14.00R25)									Load index speed Symb	bar psi	10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
											UNDER DEVELOPMENT							
											170E							

639

E-2

HRC  
HEAT RESISTANT COMPOUND

SC  
SPECIAL COMPOUND

AS  
ALL STEEL

C+C  
CUT&CHIP RESISTANT COMPOUND

 POWER TRAIN  
 HIGH SPEED MOBILE CRANE

639 is a high performance radial tire for mobile cranes and heavy truck applications. It is designed for highway service at high speeds. The strong all steel construction gives excellent durability, low rolling resistance and puncture protection. The non-directional pattern ensures easy handling, closed shoulders and the variable pitch ensure low noise level. It has a special tread compound for even tread wear, long life and smooth ride.



Size	Rim	Unloaded dimension		Loaded Static Radius	Rolling Circum	Load Index Speed Symb.	Free/Drive Wheel	Infl. press.	Recommend load, kg (lbs)									
		SW	OD						Speed, km/h (mph)									
		mm in	mm in						Free rolling				Drive Wheel					
385/95R24*											10 6	25 16	40 25	50 31	10 6	25 16	40 25	50 31
								UNDER DEVELOPMENT										
385/95R25* (14.00R25)											170F							
								UNDER DEVELOPMENT										



A black and white photograph of an underground mining operation. In the foreground, a large wheel loader is positioned on a rocky, uneven floor. Behind it, a heavy-duty truck with its headlights on is parked. The background shows the rough, textured walls of a mine tunnel. The entire image is overlaid with a red, textured pattern that resembles crushed rock or coal. Two black diagonal bars are present: one in the upper right and one in the lower left, framing the central photograph.

# UNDERGROUND MINING

# 314 MINE SERVICE



SPECIAL COMPOUND

WEAR RESISTANT COMPOUND



The Alliance 314 Mine Service tire is designed for the most demanding underground mining applications. It has extra, ultra deep treads to ensure long wear in highly abrasive surfaces. The robust nylon carcass with higher number of actual plies enhances tire strength, penetration protection and load carrying capacity. Its specially formulated tread compound gives superior protection and exceptional tread life. The extra wide reinforced bead with superior compound reduces bead failure during high load operations. The tire's wide and flat tread profile results in large ground contact area that provides high traction and enhanced load carrying capacity.



Size	Rim Width in	Unloaded Dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Underground Mining applications					
		SW	OD				Infl. Pressure	Speed km/h (mph)				
								mm in	mm in	bar psi	Static	1 1
12.00-24	8.50x24	310	1270	590	3750	20	8.25	11040	8970	7800	6900	5865
		12.2	50	23.2	147.6	24	10	24340	19780	17200	15212	12930
							145	-	-	-	16755	-





# **TECHNICAL INFORMATION**

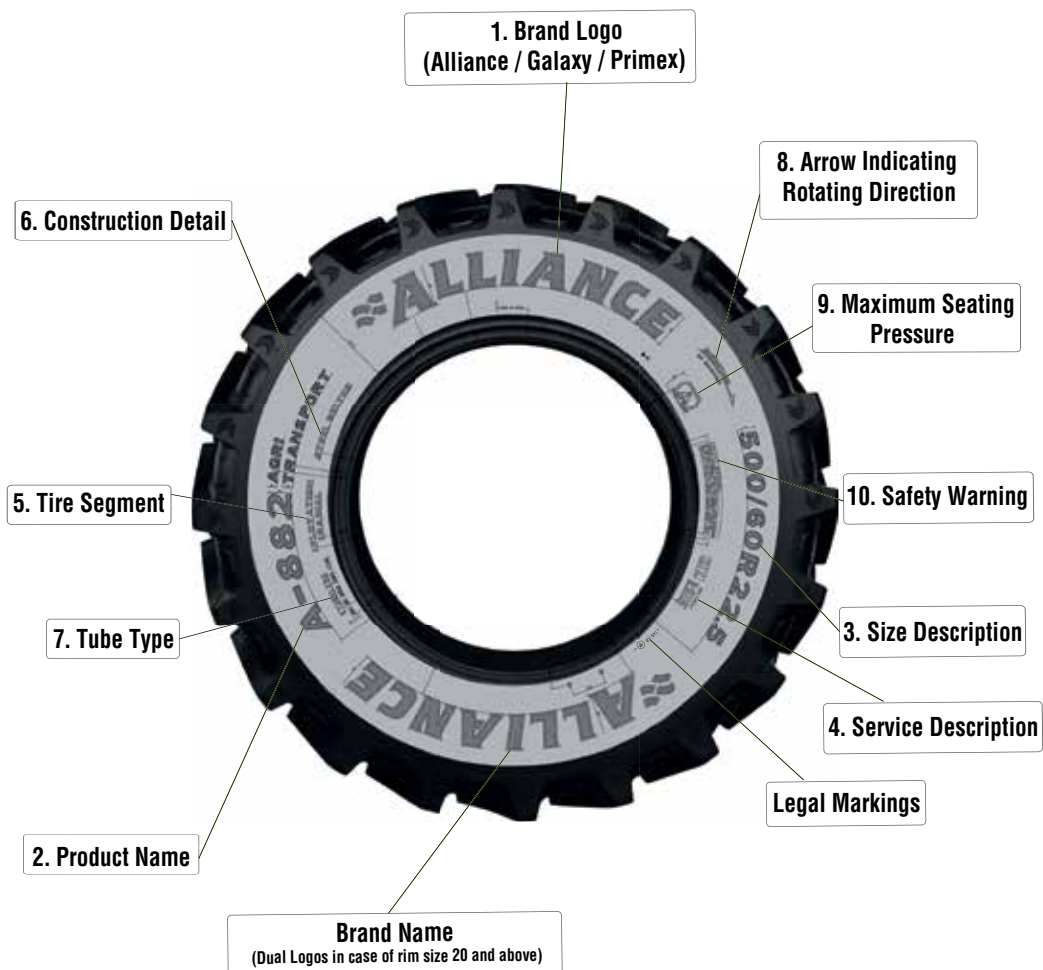
## Tire Markings

A series of numbers and codes are internationally used for the identification of tire structures, dimensions and main applications. This group of codes and numbers is collectively known as the "markings" and permits precise identification of the tire.

Here are some examples:

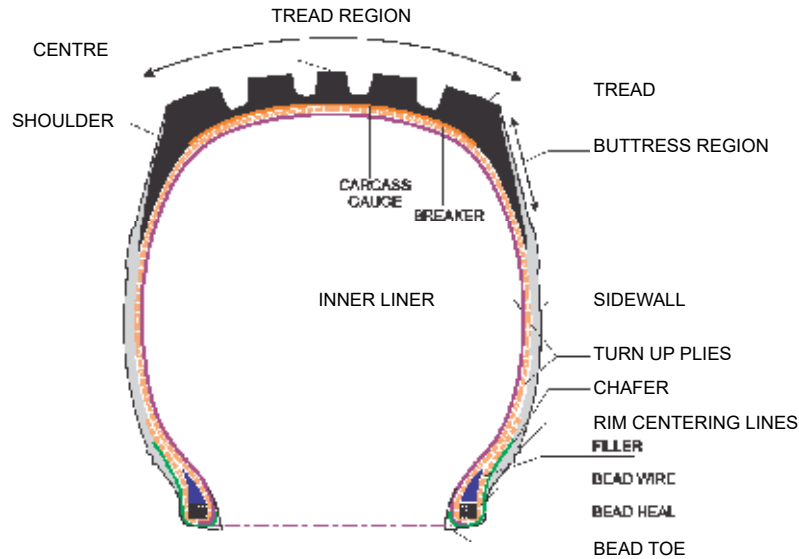
1	ALLIANCE	Brand name and / or manufacturer's name
2	580 or 372 IF	Product name (tread pattern identification)
3 a	SIZE DESCRIPTION 600/65R38 600/60-30.5 520/70B30	Metric tyre size designation 600 = section width (mm) 65 = aspect ratio between section height and section width (%) R = radial construction 38 = rim diameter (inch) - = cross ply construction B = bias belted construction
b	650/60-26.5 LS2	Metric tyre size designation for forestry tyres LS = log service 2 = tread depth code
c	7.50-16	Coded tyre size designation 7.50 = section width (inch) - = cross ply construction 16 = rim diameter (inch)
d	20.5x10.0-10	American tyre size designation 20.5 = overall diameter (inch) x = versus 10.0 = section width (inch) - = cross-ply construction 10 = rim diameter (inch)
4 a	157 A8 154 B	Service description 157 = load index for the tyres nominal load capacity A8 = speed symbol for the tyres nominal speed 154 = additional load index at max speed B = additional speed symbol for max speed
b	8 PR	Tyre carcass strength identification 8 = strength index PR = ply rating (but does not necessarily represent the number of cord plies in the tyre)
4 c	166 A8 154 A8	Service description (implement) Load index and speed symbols as 4.a free rolling tyre driving tyre
d	161A8 HT 161 A2 LT 168 A2	Service description (forestry) Load index and speed symbols as 4.a 161 A8 = service on road HT 161 A2 = High Torque service (skidders) LT 168 A2 = Low Torque service (forwarders, harvesters)
e	99J	Service description (high speed trailer) Load index and speed symbols as 4.a

5	IMP or other	<p>Service type identification</p> <p>IMP = Implement</p> <p>Other service identifications are: FORESTRY = tyres for forestry machines</p> <p>AGROFOREST = tyres for mixed agri and forestry service</p> <p>AMPT = Agricultural Multi Purpose Tyre : tyres for a high rate of road service up to 65 Km/h</p> <p>LOADER = tyres for wheel loaders and back hoe loaders</p> <p>GARDEN TRACTOR = tyres for gentle service on green surfaces</p> <p>INDUSTRIAL = tyres for industrial service</p> <p>FRT = Free Rolling Tyre: commercial vehicle tyre used as high speed implement trailer tyre</p>
6	STEEL BELT	The tyre has a belt of steel cord (forestry tyres)
7	TUBELESS	Tyre to be used without a tube (some tubeless tyres are marked that they are allowed to be used with a tube)
8		Arrow indicating rotating direction of a traction tyre in driving service
9		Pictogram showing the max seating pressure (varies for different type of tyres)
10	SAFETY WARNING	Warning text which states the items to be paid attention to when fitting the tyre
11	E 16	ECE type approval mark and number (often called "e-marking")
106R-00 0001		



# Basic Tire and Rim Terms

## CONSTRUCTION AND COMPONENT PARTS



## TIRE DEFINITIONS

### Overall Diameter (OD)

Inflated diameter of the Tire under reference tire pressure.

This parameter is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

### Overall Width (OW)

Inflated width of the Tire under reference Tire pressure on the sidewalls.

### Section Width (SW)

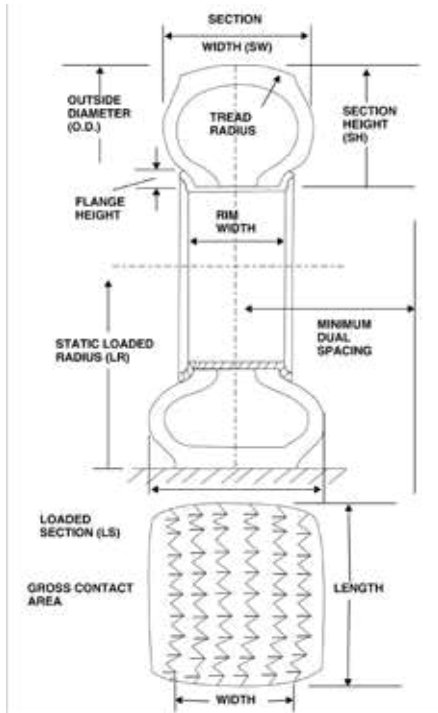
Inflated width of the Tire under reference Tire pressure excluding any bars, letters or design embossed on the sidewalls. The section width is measured after the tire is properly mounted on the reference rim and inflated at the pressure recommended by the manufacturer for at least 24 hours without any load.

### Static Loaded Radius

It is the minimum radius acquired by the Tire under reference load and pressure at static condition.

### Tread Width

The distance between the extreme edges of the tread, as measured at the surface of the tread.



### Nominal Rim Diameter

Outer diameter of bead seat area of rim flange.

Section Height = Overall Tire Diameter – Nominal Rim Diameter

2

### Rim Width

The distance between flanges of the rim.

### Load Index

The load index is a numeric code that defines the tire's maximum loading capacity in kg. For each tire type/size, the loading capacity is always related to a specific inflation pressure as defined by ETRTO standards and manufacturer specifications. A uniform method to report the load-carrying capacity of a tire.

When comparing tires, the higher the load index number, the higher the load capacity.

### Speed Code

The speed code is a symbol that indicates the maximum speed admitted at the given load index, following any other specific conditions defined by the tire manufacturer.

## Corresponding Tire Sizes

ETRTO - SRI	Standard series	Standard series /80-/85	Wide series /70-/75	Extra large series /60-/65-/85	Narrow series /90-/95	TWIN TRACTOR		
						/45-/50	/55	/60-/55
360	6.50-16		260/70R16					
360	9.0/75-16		260/70R16					
390	7.50-16	250/80-16	280/70R16					
410	7.50-18	250/80-18	280/70R18					
425	7.50R20						400/55-17.5	
450	9.5R20	260/80R20	300/70R20					
475	11.2R20	280/85R20	320/70R20					
500	12.4R20	320/85R20	360/60-24					360/70R20
525	11.2R24	280/85R24	320/70R24					
550	12.4R24	320/85R24	360/70R24	420/65R24		600/50-22.5		400/60-26.5
575	13.6R24	340/85R24	380/70R24	440/65R24				
600	14.9R24	380/85R24	420/70R24	480/65R24	230/95R32			500/60-26.5
625	16.9R24	420/85R24	480/70R24	540/65R24	270/95R32	710/45-26.5	600/55-26.5	
650	16.9R26		480/70R26					
575	11.2R28	280/85R28	320/70R28					
600	12.4R28	320/85R28	360/70R28		230/95R32			500/60-26.5
625	13.6R28	340/85R28	380/70R28	440/65R28	270/95R32			600/55-26.5
650	14.9R28	380/85R28	420/70R28	480/65R28	230/95R36			
675	16.9R28	420/85R28	480/70R28	540/65R28			600/55-30.5	
675	14.9R30	380/85R30	420/70R30				600/55-30.5	
700	16.9R30	420/85R30	480/70R30	540/65R30 600/65R28		750/45-30.5		600/60-30.5
725	18.4R30	460/85R30	520/70R30 600/70R28		210/95R44	750/50-30.5		
725	14.9R34	380/85R34						
750	16.9R34	420/85R34	480/70R34 600/70R30	540/65R34 710/60R30	230/95R44			
775	18.4R34	460/85R34	520/70R34	600/65R34 650/60R34		800/50-34	800/55-30.5 710/55-34	
825	20.8-34			710/60R34				
725	13.6R36	340/85R36			210/95R44			
725	12.4R38	320/85R38						
750	13.6R38	340/85R38						
775	14.9R38	380/85R38			270/95R44			
800	16.9R38	420/85R38	480/70R38 600/70R34	540/65R38	230/95R48			600/60-38
825	18.4R38	460/85R38	520/70R38	600/65R38 710/60R34	270/95R48 300/95R46			650/60-38
875	20.8R38	520/85R38	580/70R38	650/65R38 600/65R42		850/50-38		710/65-38 900/60-32
875	18.4R42	480/80R42		600/65R42				
925	20.8R42	520/85R42	580/70R42 620/70R42 650/75R38 710/70R38	650/65R42			850/55-42	750/65-38 850/60-38
925	18.4R46	480/80R46						
975	20.8R46	520/85R46 480/80R50	710/70R42 800/70R38	900/60R38 650/85R38	380/90R50			
1025			710/75R42	900/60R42	380/90R54			

Modifying the original fitment of the machine may require a new set of rims. Verify that the alternative tyre size is fitted on an approved rim contour.



## Load Table Technical Information

Conversion of load indices (LI) into load capacities per tyre (Kg)

LI	KG	LI	KG	LI	KG	LI	KG
50	190	85	515	120	1400	155	3875
51	195	86	530	121	1450	156	4000
52	200	87	545	122	1500	157	4125
53	206	88	560	123	1550	158	4250
54	212	89	580	124	1600	159	4375
55	218	90	600	125	1650	160	4500
56	224	91	615	126	1700	161	4625
57	230	92	630	127	1750	162	4750
58	236	93	650	128	1800	163	4875
59	243	94	670	129	1850	164	5000
60	250	95	690	130	1900	165	5150
61	257	96	710	131	1950	166	5300
62	265	97	730	132	2000	167	5450
63	272	98	750	133	2060	168	5600
64	280	99	775	134	2120	169	5800
65	290	100	800	135	2180	170	6000
66	300	101	825	136	2240	171	6150
67	307	102	850	137	2300	172	6300
68	315	103	875	138	2360	173	6500
69	325	104	900	139	2430	174	6700
70	335	105	925	140	2500	175	6900
71	345	106	950	141	2575	176	7100
72	355	107	975	142	2650	177	7300
73	365	108	1000	143	2725	178	7500
74	375	109	1030	144	2800	179	7750
75	387	110	1060	145	2900	180	8000
76	400	111	1090	146	3000	181	8250
77	412	112	1120	147	3075	182	8500
78	425	113	1150	148	3150	183	8750
79	437	114	1180	149	3250	184	9000
80	450	115	1215	150	3350	185	9250
81	462	116	1250	151	3450	186	9500
82	475	117	1285	152	3550	187	9750
83	487	118	1320	153	3650	188	10000
84	500	119	1360	154	3750	189	10300

# CONVERSION FACTORS

1 millimeter (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimeters
1 meter (m)	= 1.09361 yards	1 yard	= 0.9144 meters
1 kilometer (Km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometers
1 liter (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 liter (l)	= 0.26417 gallons (USA)	1 gallon (USA)	= 3.7854 litres
1 gram (g)	= 0.035274 ounces	1 ounce (oz)	= 28.34952 grams
1 kilogram (Kg)	= 2.205 pounds	1 pound (lb)	= 0.45359 kilograms
1 kilometer per hour (Km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometers per hour
1 kilopascal (kPa)	= 0.145 pounds per square inch	1 pound per square inch (psi)	= 6.895 kilopascal
1 bar	= 100 kilopascal	1 pound per square inch (psi)	= 0.06895 bar
1 kilowatt (kW)	= 1.34 horsepower	1 horsepower (HP)	= 0.746 kilowatts
1 Newton meter (N.m)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 inch-pound

## TEMPERATURES

(Fahrenheit - 32) x 0.55 = Celsius	32	40	50	60	70	75	85	95	105	140	175	212	°F
(Celsius x 1.8) + 32 = Fahrenheit	0	5	10	15	2	25	30	35	40	60	80	100	°C

## SPEED

Speed code	A1	A2	A3	A4	A6	A8	B	C	D	E	F
Km/h	5	10	15	20	30	40	50	60	65	70	80
mph	3	6	9	12	19	25	31	37	40	43	50

Km/h to mph x 1.61 mph to Km/h x 0.62

## PRESSURE

kPa (kilopascal)	60	100	120	140	160	180	200	240	280	320	360	400	500
bar = Kg/cm2	0,6	1,0	1,2	1,4	1,6	1,8	2,0	2,4	2,8	3,2	3,6	4,0	5,0
psi = (pound/square inches)	8	15	17	29	23	26	28	34	40	45	51	57	71

psi to bar x 0.07 bar to psi x 14.23 kPa to bar x 100 bar to kPa x 0.01 kPa to psi x 7 psi to kPa x 0.142

LI	KG	LB
140	2500	5513
141	2575	5678
142	2650	5843
143	2725	6009
144	2800	6174
145	2900	6395
146	3000	6615
147	3075	6780
148	3150	6946
149	3250	7166
150	3350	7387

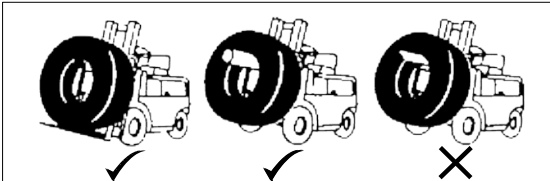
# Handling of Tires

## HANDLING OF TIRES

Extreme care is needed in the handling of tires. Improper handling of tires can lead to damage, especially to the beads. Therefore, it is necessary to prevent excess pressure from being exerted on the beads.

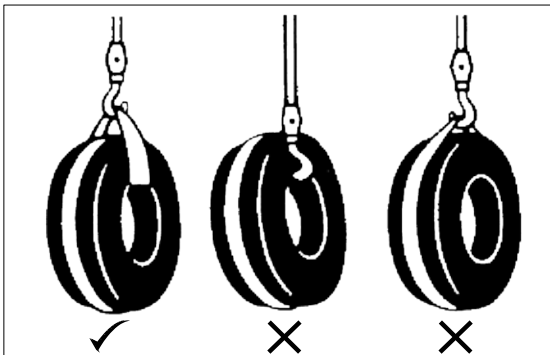
### When using a forklift to lift a tire:

- Lay the tire vertically across the fork, or
- Use a round fork at least six-inches in diameter.
- Do not insert a flat type fork within the tire.



### When lifting tires by crane:

- Use a wide nylon or rubber sling.
- Do not use a rope sling.
- Do not hook the tire beads.



## SAFETY PRECAUTIONS

### WARNING

Servicing of the Tire and rim should be done by trained personnel using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire and/or rim, and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

### DEMOUNTING

#### Before Demounting

- Always empty all air from a single tire and from both tires of a dual assembly prior to removing any wheel components such as nuts and rim clamps. (A broken rim part under pressure can blow apart and cause serious injury or death.)
- Make sure to remove the valve core to exhaust all air from the tire. Remove both cores to exhaust all air from a dual assembly. (The wheel assembly may fly apart if the tire is still under pressure when the wheel lugs are removed)
- Check the valve stem by running a piece of wire through it to make sure it is not clogged. (Foreign material may clog the valve stem during deflation)

#### DURING DEMOUNTING

- Demounting tools apply pressure to rim flanges to unseat tire beads. Keep your finger clear. Always stand to one side and hold the tool with one hand when you apply hydraulic pressure. (If the tool slips off it can fly with enough force to cause serious injury or death.)

- Do not use the tool in the vicinity of the flange butt weld.

## AFTER DEMOUNTING

- Clean rims and repaint chipped areas to prevent the detrimental effects of corrosion and facilitate checking and tire mounting. Be extremely careful to clean all dirt and rust from the lock ring and gutter. This is important to secure the lock ring in its proper position. A filter on the air line helps prevent corrosion. The filter should be checked periodically to see that it is working properly. (Parts must be clean for a proper fit. Particularly, the gutter section which holds the lock ring in proper position)

## Safety Precautions for Mounting

### MOUNTING

#### Before Mounting

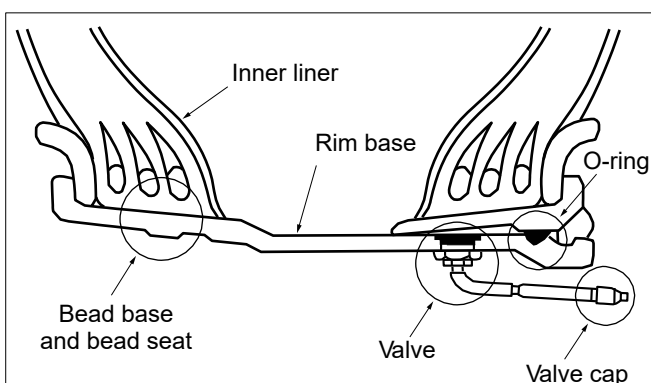
- Check rim components for cracks. Replace all cracked, badly worn, damaged and severely rusted components with new parts of the same size and type. When the condition of a component is in doubt, replace it. (Parts that are cracked, damaged or excessively corroded are weakened. Bent or repaired parts may not engage properly.)
- Do not, under any circumstances, attempt to rework, weld, heat, or braze any rim components that are cracked, broken, or damaged. Replace them with new parts or parts that are not cracked, broken, or damaged and which are of the same size and type. (Heating may weaken a part to the extent it is unable to withstand forces of inflation or operation.)
- Make sure correct parts are being assembled.
- Check with your distributor or the manufacturer if you have any doubts. (Mismatched parts may appear to fit, but when the tire is inflated, it may fly apart with explosive force)
- Mixing parts of one type rim with those of another is potentially dangerous. Always check rim manufacturer for approval.
- Removing rust, dirt and other foreign matter from the rim surface, particularly on the bead seats and O-ring slot.
- Clean the interiors of the tire.
- For tube type tires, make sure tube and flap are correct and not damaged.
- Always prepare a new O-ring for tubeless type tires.
- Do not reinflate a tire that has been run-flat or has been run at 80% or less of its recommended operating pressure, or when there is obvious or suspected damage to the tire or wheel components. (Components may have been damaged or dislocated during the time the tire was run-flat or seriously underinflated)

#### During Mounting and Inflation

- Do not try to seat rings or other components by hammering while a tire is inflated or partially inflated.
- Double check to ensure all components are properly seated prior to inflation.
- Do not inflate a tire before all components are properly in place. Place the tire in a safety cage, or other restraining device and inflate to approximately 5 psi, recheck components for proper assembly. Observe that the O-ring does not roll out of its groove. If the assembly is not proper, deflate and correct. Never hammer on an inflated or partially inflated tire/rim assembly. If assembly is proper at approximately 5 psi, continue to inflate to fully seat the tire beads.
- Never sit on or stand in front of a tire/rim assembly that is being inflated. Always use a clip-on chuck with a sufficient length of hose to permit the person inflating the tire to stand clear of the potential trajectory of the wheel components. Use an inline valve with a gauge or a pressure regulator preset to a desired value when inflating a tire. When a tire is in a restraining device, do not lean any part of your body or equipment on or against the restraining device. (If parts are improperly installed they may fly apart with explosive force)
- Never attempt to weld or heat on or near a tire/rim assembly. (Heat from welding will cause a sudden drastic increase in air pressure, resulting in an explosion with the force of a bomb. Deflated tires can catch fire inside the air chamber.)

#### After Inflation

- Make sure there is no air leakage, especially in tubeless tires. Checking points for air leakage are pictured below.



# Safety Precautions for Operation

## OPERATION

- Do not use under inflated tires.
- Do not bleed or remove air to compensate for the increase in pressure resulting from operation.
- Do not use undersized rims. Use recommended rims. Consult catalogs for proper tire/rim matching.
- Do not overload or over inflate the tire/rim assembly. Check for adequate rim strength if special operating conditions are required. (Excessive overload can cause tire/rim assembly damage.)
- Never run a vehicle on one tire of a dual assembly. (The carrying capacity of the single tire and rim is dangerously exceeded an operating a vehicle in this condition can result in damage to the rim and tire or cause a tire fine.)
- Never use a tube in a tubeless tire/rim assembly if the rim is suspected of leaking. (Loss of air pressure through fatigue cracks or other fractures in a tubeless rim warns of a potential rim failure. This safety feature is lost when tubes are used with leaking rims. Continued use may cause the rim to burst with explosive force.)
- Always inspect rims and wheels for damage during tires checks. (Early detection of potential rim failure may prevent serious injury.)
- Never add or remove an attachment or other-wise modify a rim (especially by heating, welding, or brazing) unless the tire has been removed and rim maker approval has been received. (Modification or heating of a rim or one of its parts may weaken it so that it cannot withstand forces created by inflation or operation.)

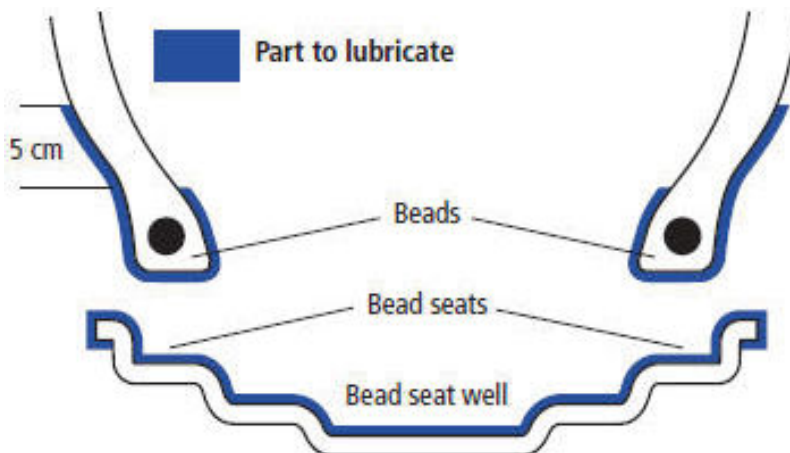
### Tools for Mounting and Demounting Tires

The following are all portable tools, and can be used both horizontally and vertically.

- Hydraulic tire remover (tire push type) and bead wedges. Commonly used for 25-inch rims.
- A man-powered hydraulic pump attached to a tire push type hydraulic tire remover.
- Hydraulic tire remover in operation.
- Hydraulic tire remover (rim flange push type). Commonly used for 33-inch or larger rims.
- Manual hydraulic pump attached to rim flange push type hydraulic tire remover.
- Another kind of hydraulic tire remover for 33-inch or larger rims (rim flange push type).
- Tire, mounting and demounting machine (unit-rig type) mainly used for 49-inch or larger rims. It is stationary and for horizontal use only. Hydraulic ram is driven by an electric pump

### Lubrication of Tire Rim and Bead

- Use a soft-bristled brush to spread the lubricant over the surface.
- Use specific lubricants for tire mounting only.
- Do not use silicone or other solvent-based substances.



Place the tire bead on the rim channel.

- Make sure that at least part of the tire bead stays within the rim profile.
- Start rotating the tire and position the tire bead gradually on the rim  
Complete the rotation until the entire bead is positioned on the rim.
- Make sure that the entire bead is correctly fitted within the rim.



## Safety & PPE's

- A pair of protective goggles
- Safety shoes
- Retention system to hold the tire assembly in place (safety cage)
- Safety ear muffs

## Tire Care Tips

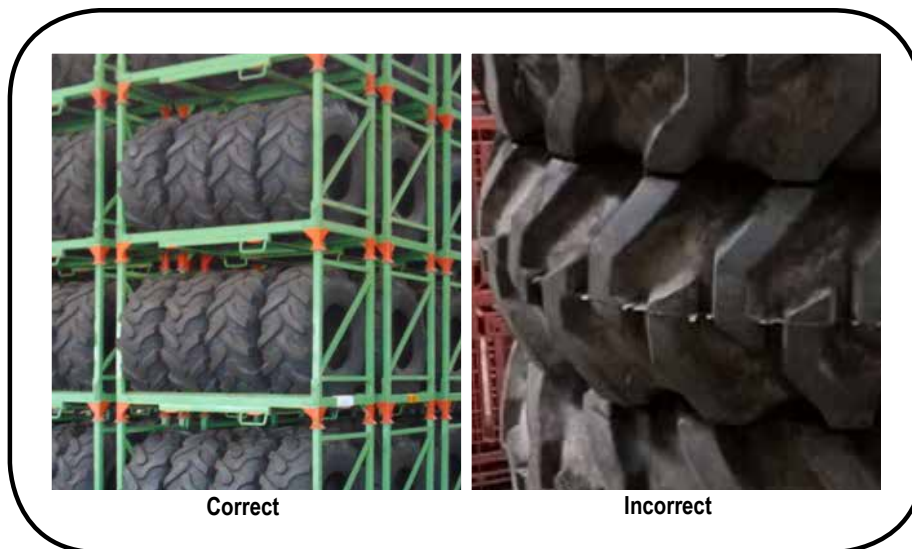
- Always select right tire and rims
- Check inflation pressure at least once a week
- Never check the inflation after long runs. Allow tire to cool for 30 mins.
- Use mounting machine to mount the tires. Avoid hard objects.
- Cover the valve with valve caps always
- 30 minutes mid day stoppage is recommended after sustained haulage work.
- Avoid chuck holes and long spins
- Avoid high speed cornering
- Avoid locking one wheel for sharp turns
- Avoid sudden breaks and starts.

## Tire Storage

Tires should be stored in a cool and dry place, away from direct sunlight, electric motors, oils, fuels, resins and other volatile substances in order to avoid any alteration of the chemical-physical features.

Should this not be possible, at least protect your tires with a waterproof tarpaulin to avoid contact with ultra-violet rays and bad weather.

Tires are to be placed vertically side by side. Do not stack one tire over the other horizontally.



## INFLATION PRESSURE AND ITS IMPORTANCE

The most important aspect of tire maintenance is the correct inflation pressure which should be adjusted based on the load. This directly impacts the key metrics such as traction, flotation, tire wear and fuel efficiency

### **Soil Compaction**

The root development of the crops planted is adversely affected if soil is compacted. It also limits development of microbial life and increases water stagnation. This leads to loss of yield and excess operating cost to break the compaction layer.

### **Fuel Efficiency**

The right pressure means optimum soil contact which causes spin and penetration to be reduced. Decreasing excess fuel consumption, time wasted and wear on machine and tires.

### **Service life of tires**

Over inflation causes excessive spin in the fields, not to mention increased soil compaction. On hard, stony soil, it causes premature wear.

On the road, over inflation causes fast, irregular wear on the lugs – the footprint is too small.

Under inflation causes irreversible damage to tire casings: risk of failure. It also leads to excessive wear on roads: too much rolling resistance. Statistics say that a tire operated at 10% below required pressure will suffer a 15% reduction in its life expectancy.




































































### **Personal comfort**

Over inflation causes bouncing and vibration.

Under inflation causes power handling. Manoeuvring at low speeds or on the spot is more difficult.

# ICONS MASTER

## APPLICATIONS

									
2WD Tractor	4WD Tractor	Agricultural Loader	Alpine Tractor	Articulated Dump Truck	Backhoe	Baler	Combine Harvester		
									
Container Handler	Cultivators	Dozer	Excavator	Fertilizer Truck	Forestry Forwarder	Forestry Harvester	Forestry Trailer		
									
Load Haul Dumper	Wheel Loader	MFWA	High Speed Mobile Crane	Mower	Plough	Reach Stacker	Rigid Dump Truck		
									
Skidsteer	Sprayer	Tanker	Telehandler	Terminal Tractor	Trailer	Trencher	Utility Tractor		
									
Dump Truck	Spreader	Water Sprinkler	Power Train	Agricultural Implements	Forestry Mulcher	Feller Buncher	Forestry Tractor		
									
Wagon	Heavy duty Forklift	Tipper	Scraper	Seeder	Sugarcane Harvester	Seismic Vehicle	Bomb Carts	Utility Tractor MFWA	
									
Golf Cart	Caravan	Ditching Machine	Boom Lift	Industrial Tractor	Water Tanker	Compactor	Grader	Skidder	Truck
									
Compact Loader	Forklift	Rubber Tire Gantry	Utility Tractor 4WD	Wheeled Tree Trimmer	Paver	Scissor Lift	Highway Trailer		

## DIFFERENTIATORS



ALL STEEL



SPECIAL COMPOUND



STEEL BELTED



HEAT RESISTANT COMPOUND



WEAR RESISTANT COMPOUND



CUT & CHIP RESISTANT COMPOUND



STUBBLE GUARD














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