

*The journey becomes easy
when your co-traveller
is an expert.*

Americas



ASCENSO

never stop rising



Doing business is a journey.

Sometimes you just cruise on, sometimes the going gets tough. When it does, you need an expert.

An expert who helps you rise above obstacles and take your business to newer heights.

Presenting Ascenso off-highway tires.

Designed keeping in mind absolutely everything: vehicle types, terrain, weather conditions and category needs.

Our expertise comes from our vast experience in the tire business.

We have a total experience of about three decades in the off-highway tire business. Ascenso is our third off-highway tire venture, after having launched two successful off-highway tire brands in the past.

Let's begin our journey together. Welcome aboard!

**The word 'We' refers to the Mahansaria family.*



Never stop learning.
Never stop improving.
Never stop growing.
Never stop rising!

Our Brand Beliefs

- Customer first
- Long term partnership
- Competitive and world class
- High on value products
- Wide and growing range
- Tires for specific application
- Consistent quality



Our Core Values

Ownership

Respect

Agility

Never give up

Go getter, go together

Empathetic

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Telehandler

BIAS

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Backhoe Loader

BIAS

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BIAS

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Tractor



Implement



Flotation

Irrigation

Telehandler



Backhoe Loader



Skid Steer



Paving & Compactor



Excavator



Multi-Purpose Industrial



Port



Wheel Loader



Grader



Agro Forestry



2. Tire sizes

Bias Pattern Index



Application	Rim Diameter	Tire Size	Pattern	Page No.
Tractor	15	5.00-15	TSB 110	24
	16	4.50-16	TSB 111	25
		5.50-16	TSB 110	24
		5.00-16	TSB 111	25
		5.50-16	TSB 111	25
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		6.50-16	TSB 110	24
		6.50-16	TSB 111	25
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		10.00-16	TSB 110	24
		11.00-16	TSB 110	24
	18	7.50-18	TSB 110	24
		7.50-18	TSB 111	25
	19	4.00-19	TSB 110	24
		6.00-19	TSB 110	24
	20	6.00-19	TSB 111	25
		6.50-20	TSB 111	25
		7.50-20	TSB 110	24
		7.50-20	TSB 111	25
		8.3-20	TDB 120	26
	24	9.5-20	TDB 120	26
		11.2-20	TDB 120	26
		8.3-24	TDB 120	26
		9.5-24	TDB 120	26
		11.2-24	TDB 120	26
		12.4-24	TDB 120	26
		13.6-24	TDB 120	26
	26	14.9-24	TDB 120	26
		16.9-24	TDB 120	26
		14.9-26	TDB 120	26
	28	16.9-26	TDB 120	26
		23.1-26	TDB 123	28
		11.2-28	TDB 120	26
		12.4-28	TDB 120	26
		13.6-28	TDB 120	26
		14.9-28	TDB 120	26
	30	16.9-28	TDB 120	26
		7.2-30	TDB 120	26
		9.5-30	TDB 120	26
		14.9-30	TDB 120	26
		16.9-30	TDB 120	26
	32	18.4-30	TDB 120	26
		8.3-32	TDB 120	26
		9.5-32	TDB 120	26
		12.4-32	TDB 120	26

Application	Rim Diameter	Tire Size	Pattern	Page No.	
Tractor	34	16.9-34	TDB 120	26	
		18.4-34	TDB 120	26	
	36	12.4-36	TDB 120	26	
		13.6-36	TDB 120	26	
	38	13.6-38	TDB 120	26	
		15.5-38	TDB 120	26	
		16.9-38	TDB 120	26	
		18.4-38	TDB 120	26	
		20.8-38	TDB 123	28	
Implement	12	10.0/80-12	IMB 160	35	
	14	9.5L-14	IMB 163	38	
	15	7.60-15	IMB 163	38	
		9.5L-15SL	IMB 163	38	
		11L-15SL	IMB 163	38	
		12.5L-15SL	IMB 163	38	
	15.3	10.0/75-15.3	IMB 160	35	
		11.5/80-15.3	IMB 160	35	
		12.5/80-15.3	IMB 160	35	
		260/70-15.3	IMB 161	36	
		10.0/75-15.3	IMB 162	37	
		11.5/80-15.3	IMB 162	37	
	15.5	400/60-15.5	IMB 161	36	
	16	12.5L-16SL	IMB 163	38	
		340/55-16	IMB 161	36	
	17	380/55-17	IMB 161	36	
		480/45-17	IMB 161	36	
		19.0/45-17	IMB 162	37	
		500/50-17	IMB 161	36	
	18	13.0/65-18	IMB 160	35	
		15.0/70-18	IMB 160	35	
		12.5/80-18	IMB 160	35	
	20	400/70-20	IMB 161	36	
		500/55-20	IMB 161	36	
	Flotation	15.5	400/60-15.5	FTB 190	40
		17	500/50-17	FTB 190	40
		22.5	500/45-22.5	FTB 190	40
			500/60-22.5	FTB 190	40
			550/45-22.5	FTB 190	40
			550/60-22.5	FTB 190	40
			600/50-22.5	FTB 190	40
			600/55-22.5	FTB 190	40
			700/40-22.5	FTB 190	40
			700/50-22.5	FTB 190	40
		26.5	600/55-26.5	FTB 190	40
			700/50-26.5	FTB 190	40
	800/45-26.5		FTB 190	40	
Irrigation	24	11.2-24	IRB 260	43	
		14.9-24	IRB 260	43	
	38	11.2-38	IRB 260	43	

2. Tire sizes

Bias Pattern Index



Application	Rim Diameter	Tire Size	Pattern	Page No.
Agro Forestry	26	18.4-26	AFB 820	76
Agro Industrial	20	405/70-20	THB 230	45
	24	405/70-24	THB 230	45
		15.5/80-24	THB 230	45
Multipurpose Industrial	24	13.00-24	MIB 405	63
		13.00-24	MIB 406	64
		14.00-24	MIB 406	64
		14.00-24	MIB 405	63
		400/80-24	MIB 407	65
		440/80-24	MIB 407	65
	25	15.5-25	MIB 405	63
		15.5-25	MIB 406	64
		17.5-25	MIB 406	64
		17.5-25	MIB 405	63
		20.5-25	MIB 405	63
Backhoe Loader	16	11L-16	BHB 313	51
	18	10.5/80-18	BHB 310	48
		12.5/80-18	BHB 310	48
		12.5/80-18	BHB 310	48
	20	16.0/70-20	BHB 310	48
	24	14.9-24	BHB 310	48
		16.9-24	BHB 310	48
		17.5L-24	BHB 310	48
		18.4-24 R4	BHB 310	48
		19.5L -24	BHB 312	50
		21L-24	BHB 312	50
	26	18.4-26	BHB 310	48
		18.4-26	BHB 310	48
		18.4-26	BHB 311	49
	28	16.9-28	BHB 310	48
	30	16.9-30	BHB 310	48
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	15	27x8.50-15	SSB 331	54
		27x10.50-15	SSB 331	54
		31x15.50-15	SSB 331	54
	16.5	10-16.5	SSB 330	53
		12-16.5	SSB 330	53
		10-16.5	SSB 331	54
		12-16.5	SSB 331	54
		10-16.5	SSB 332	55
		12-16.5	SSB 332	55
	17.5	14-17.5	SSB 331	54
	19.5	15-19.5	SSB 331	54
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		28L-26	PCB 360	57
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		9.00-20	EXB 380	59
		10.00-20	EXB 380	59
		11.00-20	EXB 380	59
	22.5	550/60-22.5	EXB 386	60

Application	Rim Diameter	Tire Size	Pattern	Page No.
Port	24	14.00-24	PEB 720	69
Wheel Loader	25	17.5-25	WLB 550	72
		20.5-25	WLB 550	72
		23.5-25	WLB 550	72
Grader	24	13.00-24	TGB 610	74
		14.00-24	TGB 610	74

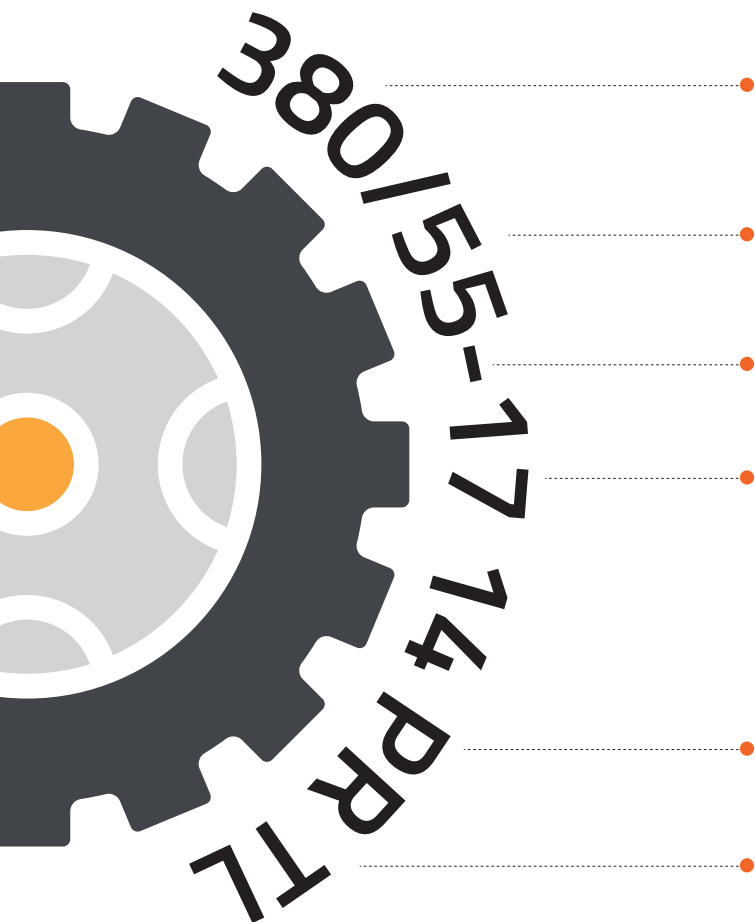
2. Tire sizes

Radial Pattern Index



Application	Rim Diameter	Tire Size	Pattern	Page No.
Tractor	24	250/85R24	TDR 850	33
		280/85R24	TDR 850	33
		320/85R24	TDR 850	33
		340/85R24	TDR 850	33
		380/85R24	TDR 850	33
		420/85R24	TDR 850	33
	28	280/85R28	TDR 850	33
		320/85R28	TDR 850	33
		340/85R28	TDR 850	33
		380/85R28	TDR 850	33
		420/85R28	TDR 850	33
	30	380/85R30	TDR 850	33
		420/85R30	TDR 850	33
		460/85R30	TDR 850	33
	32	320/85R32	TDR 850	33
	34	380/85R34	TDR 850	33
		420/85R34	TDR 850	33
		460/85R34	TDR 850	33
	36	320/85R36	TDR 850	33
		340/85R36	TDR 850	33
	38	320/85R38	TDR 850	33
		340/85R38	TDR 850	33
		420/85R38	TDR 850	33
		460/85R38	TDR 850	33
		520/85R38	TDR 850	33
	42	520/85R42	TDR 850	33
	46	520/85R46	TDR 850	33
	24	320/70R24	TDR 700	31
		360/70R24	TDR 700	31
		380/70R24	TDR 700	31
		420/70R24	TDR 700	31
		480/70R24	TDR 700	31
	28	360/70R28	TDR 700	31
		380/70R28	TDR 700	31
		420/70R28	TDR 700	31
		480/70R28	TDR 700	31
	30	420/70R30	TDR 700	31
		480/70R30	TDR 700	31
	34	480/70R34	TDR 700	31
		520/70R34	TDR 700	31
	38	480/70R38	TDR 700	31
		520/70R38	TDR 700	31
		580/70R38	TDR 700	31
		380/80R38	TDR 800	32

Application	Rim Diameter	Tire Size	Pattern	Page No.
Tractor	42	480/80R42	TDR 800	32
	46	480/80R46	TDR 800	32
	50	480/80R50	TDR 800	32
	24	440/65R24	TDR 650	30
		480/65R24	TDR 650	30
		540/65R24	TDR 650	30
	28	480/65R28	TDR 650	30
		540/65R28	TDR 650	30
	30	540/65R30	TDR 650	30
	34	540/65R34	TDR 650	30
		600/65R34	TDR 650	30
	38	540/65R38	TDR 650	30
		600/65R38	TDR 650	30
		650/65R38	TDR 650	30
	42	650/65R42	TDR 650	30
	28	600/65R28	XLR 880	29
		600/70R28	XLR 880	29
	30	600/70R30	XLR 880	29
	38	710/70R38	XLR 880	29
		800/70R38	XLR 880	29
		650/85R38	XLR 880	29
	42	620/70R42	XLR 880	29
		710/70R42	XLR 880	29
		710/75R42	XLR 880	29
Flotation	22.5	560/45R22.5	FTR 170	41
		560/60R22.5	FTR 170	41
	26.5	710/50R26.5	FTR 170	41
		600/55R26.5	FTR 170	41
		650/55R26.5	FTR 170	41
Multi Purpose Industrial	24	460/70R24	MIR 220	65
		500/70R24	MIR 220	65
	26	480/80R26	MIR 220	65
	28	440/80R28	MIR 220	65



Nominal Section Width
(in mm)

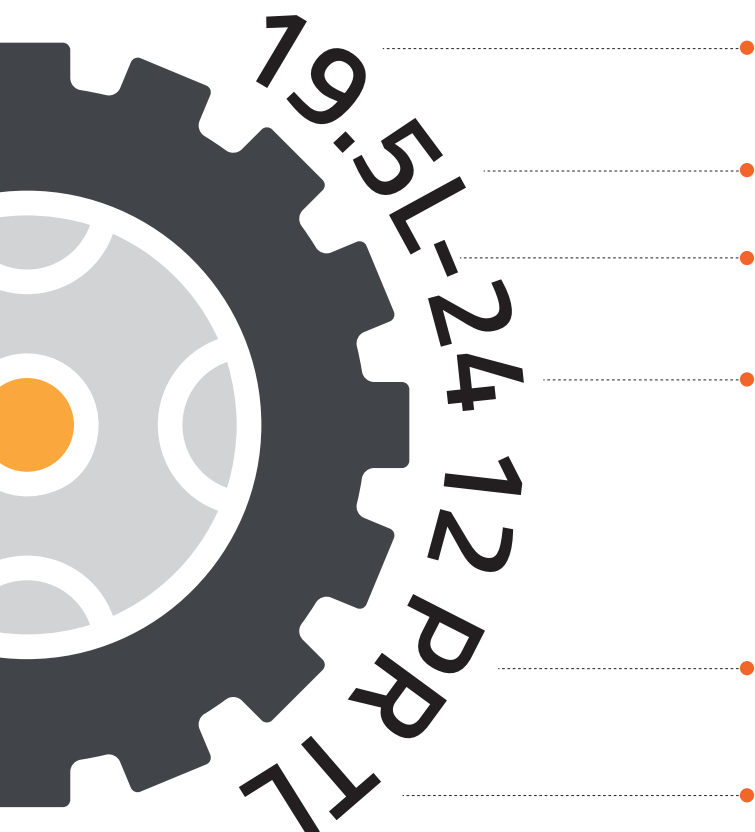
Aspect Ratio (SH/SW) in %

Type Construction (Bias)

Nominal Rim Diameter
(in inches)

Ply Rating

Tubeless



Nominal Section Width
(in inches)

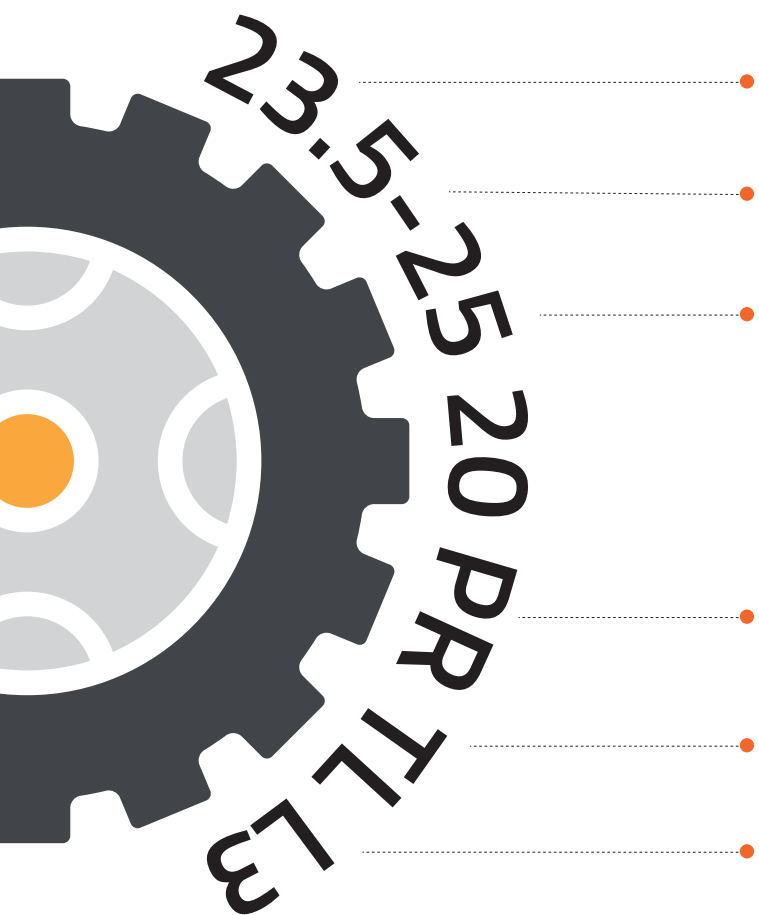
Reduced Aspect Ratio

Type Construction (Bias)

Nominal Rim Diameter
(in inches)

Ply Rating

Tubeless



Nominal Section Width
(in inches)

Type Construction (Bias)

Nominal Rim Diameter
(in inches)

Ply Rating

Tubeless

T&RA Code



Nominal Section Width
(in mm)

Aspect Ratio (SH/SW) in %

Type Construction (Radial)

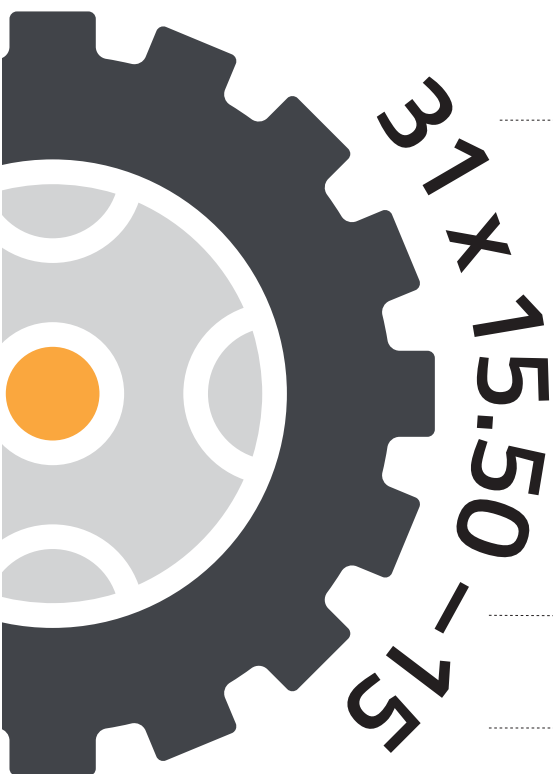
Nominal Rim Diameter
(in inches)

Load Index

Speed Rating

Tubeless

Steel Belted



Overall diameter
(in inches)

Nominal section width
(in inches)

Cross-ply construction

Nominal Rim Diameter
(in inches)

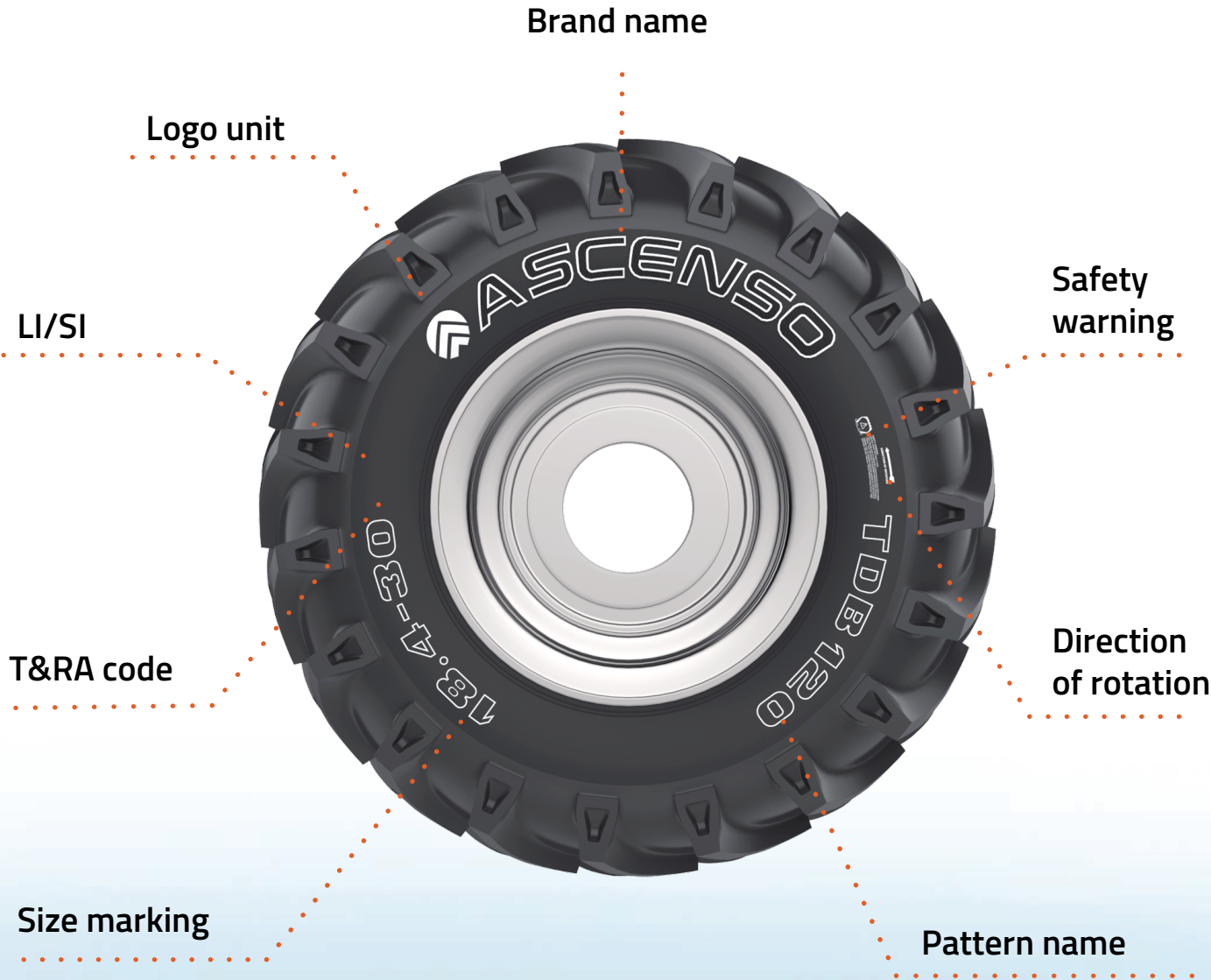
4. Load index and speed symbols

According to ETRTO (The European Tire and Rim Technical Organization), as well as to ECE (Economic Commission for Europe-UN Institution Geneva), the maximum load capacity, as well as the maximum speed are indicated by load index and speed symbol.

The following table shows the meaning of each speed symbol and the load in kg/lbs corresponding to each load index.

Load Index	Load Kg / lbs	Load Index	Load Kg / lbs	Load Index	Load Kg / lbs	Load Index	Load Kg / lbs	Speed Symbol	Kmph / mph
102	850 / 1874	129	1850 / 4078	156	4000 / 8818	183	8750 / 19290	A1	5 / 3
103	875 / 1929	130	1900 / 4189	157	4125 / 9094	184	9000 / 19841	A2	10 / 6
104	900 / 1984	131	1950 / 4299	158	4250 / 9369	185	9250 / 20392	A3	15 / 9
105	925 / 2039	132	2000 / 4409	159	4375 / 9645	186	9500 / 20944	A4	20 / 12
106	950 / 2094	133	2060 / 4541	160	4500 / 9921	187	9750 / 21495	A5	25 / 16
107	975 / 2149	134	2120 / 4674	161	4625 / 10196	188	10000 / 22046	A6	30 / 19
108	1000 / 2205	135	2180 / 4806	162	4750 / 10472	189	10300 / 22707	A7	35 / 22
109	1030 / 2271	136	2240 / 4938	163	4875 / 10747	190	10600 / 23369	A8	40 / 25
110	1060 / 2337	137	2300 / 5071	164	5000 / 11023	191	10900 / 24030	B	50 / 31
111	1090 / 2403	138	2360 / 5203	165	5150 / 11354	192	11200 / 24691	C	60 / 37
112	1120 / 2469	139	2430 / 5357	166	5300 / 11684	193	11500 / 25353	D	65 / 40
113	1150 / 2535	140	2500 / 5511	167	5450 / 12015	194	11800 / 26014	E	70 / 44
114	1180 / 2601	141	2575 / 5677	168	5600 / 12346	195	12150 / 26786	F	80 / 48
115	1215 / 2679	142	2650 / 5842	169	5800 / 12787	196	12500 / 27557	G	90 / 56
116	1250 / 2756	143	2725 / 6007	170	6000 / 13228	197	12850 / 28329	J	100 / 62
117	1285 / 2833	144	2800 / 6173	171	6150 / 13558	198	13200 / 29101	K	110 / 68
118	1320 / 2910	145	2900 / 6393	172	6300 / 13889	199	13600 / 29982	L	120 / 75
119	1360 / 2998	146	3000 / 6614	173	6500 / 14330	200	14000 / 30864	M	130 / 81
120	1400 / 3086	147	3075 / 6779	174	6700 / 14771	201	14500 / 31966	N	140 / 87
121	1450 / 3197	148	3150 / 6944	175	6900 / 15212	202	15000 / 33069	P	150 / 93
122	1500 / 3307	149	3250 / 7165	176	7100 / 15653	203	15500 / 34171	Q	160 / 99
123	1550 / 3417	150	3350 / 7385	177	7300 / 16093	204	16000 / 35273	R	170 / 106
124	1600 / 3527	151	3450 / 7606	178	7500 / 16534	205	16500 / 36376	S	180 / 112
125	1650 / 3638	152	3550 / 7826	179	7750 / 17086	206	17000 / 37478		
126	1700 / 3748	153	3650 / 8047	180	8000 / 17637	207	17500 / 38580		
127	1750 / 3858	154	3750 / 8267	181	8250 / 18188	208	18000 / 39683		
128	1800 / 3968	155	3875 / 8543	182	8500 / 18739	209	18500 / 40790		

5. Tire sidewall markings



6. Product nomenclature

Application	Category	Cat Code	Radial/ Bias	Design Number	Product Name
Agriculture	TRACTOR STEER	TS	B	110	TSB 110
	TRACTOR STEER	TS	B	111	TSB 111
	TRACTOR DRIVE	TD	B	120	TDB 120
	TRACTOR DRIVE	TD	B	123	TDB 123
	TRACTOR DRIVE	TD	R	850	TDR 850
	TRACTOR DRIVE	TD	R	700	TDR 700
	TRACTOR DRIVE	TD	R	800	TDR 800
	TRACTOR DRIVE	TD	R	650	TDR 650
	TRACTOR DRIVE	TD	R	880	XLR 880
	IMPLEMENT	IM	B	160	IMB 160
	IMPLEMENT	IM	B	161	IMB 161
	IMPLEMENT	IM	B	162	IMB 162
	IMPLEMENT	IM	B	163	IMB 163
	FLOTATION	FT	B	190	FTB 190
	FLOTATION	FT	R	170	FTR 170
	IRRIGATION	IR	B	260	IRB 260
	TELEHANDLER	TH	B	230	THB 230
Industrial & Construction	BACKHOE LOADER	BH	B	310	BHB 310
	BACKHOE LOADER	BH	B	311	BHB 311
	BACKHOE LOADER	BH	B	312	BHB 312
	BACKHOE LOADER	BH	B	313	BHB 313
	SKID STEER	SS	B	330	SSB 330
	SKID STEER	SS	B	331	SSB 331
	SKID STEER	SS	B	332	SSB 332
	PAVING & COMPACTOR	PC	B	360	PCB 360
	EXCAVATOR	EX	B	380	EXB 380
	EXCAVATOR	EX	B	386	EXB 386
	MULTI PURPOSE INDUSTRIAL	MI	B	405	MIB 405
	MULTI PURPOSE INDUSTRIAL	MI	B	406	MIB 406
	MULTI PURPOSE INDUSTRIAL	MI	B	407	MIB 407
	MULTI PURPOSE INDUSTRIAL	MI	R	220	MIR 220
Material Handling	PORT	PE	B	720	PEB 720
Earth Mover	WHEEL LOADER	WL	B	550	WLB 550
Forestry	GRADER	TG	B	610	TGB 610
	AGRO FORESTRY & TRAILER	AF	B	820	AFB 820

● Agriculture



● Tractor





Wider Center Rib:

Ease in steering and prevents damage to the grassland

High Strength Nylon Carcass:

Provides stability to the machine and ensures durability

Special Tread Compound:

- Provides longer tire life
- Resistance to puncture



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
5.00-15		76A8	6	TT	14.0	4.00E	14.1	26.1	5.1	78.2	12.1	880	60	25
5.50-16		82A8	6	TT	18.9	4.00E	17.6	28.1	5.9	84.0	13.0	1050	56	25
6.00-16		85A8	6	TT	21.4	4.50E	19.8	29.1	6.3	87.0	13.4	1130	52	25
6.00-16		91A8	8	TT	21.4	4.50E	19.8	29.1	6.3	87.0	13.4	1350	68	25
6.50-16		88A8	6	TT	23.1	4.00E	24	30.0	6.8	89.6	13.8	1230	48	25
7.50-16		99A8	8	TT	25.8	5.50F	33.7	31.8	8.0	95.2	14.5	1710	56	25
7.50-16		104A8	10	TT	25.8	5.50F	34.7	31.8	8.0	95.2	14.5	1980	69	25
9.00-16		111A8	10	TT	30.2	6.00F	48.5	33.7	9.2	100.8	15.3	2400	60	25
10.00-16		115A8	10	TT	34.0	W8L	54.7	35.2	10.8	105.3	15.9	2680	49	25
11.00-16		118A8	10	TT	36.5	W10L	69.4	38.1	12.4	113.9	17.1	2910	48	25
7.50-18		102A8	8	TT	25.8	5.50F	34.6	33.8	8.0	101.2	15.6	1870	56	25
4.00-19		69A8	4	TT	14.0	3.00D	13	28.2	4.4	84.4	13.3	720	52	25
6.00-19		89A8	6	TT	20.2	4.50F	22.0	32.1	6.5	96.0	14.9	1280	52	25
7.50-20		105A8	8	TT	25.8	5.50F	39.7	35.8	8.0	107.0	16.5	2040	56	25



Unique Dumbbell Pattern:

Reduces block tearing and shoulder block deformation

Strong Nylon Carcass:

Provides stability to the machine and ensures durability

Special Tread Compound:

- Ensures longer tire life
- Resistance to puncture



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
4.50-16		74A8	6	TT	13.1	3.00D	11.9	25.8	4.8	77.1	12.0	830	65	25
5.00-16		76A8	6	TT	15.1	4.00E	14.2	26.8	5.7	80.1	12.5	880	61	25
5.50-16		82A8	6	TT	17.1	4.00E	17.0	28.1	5.9	84.0	13.0	1050	56	25
6.00-16		91A8	8	TT	18.1	4.50E	25.1	29.1	6.5	87.0	13.4	1350	65	25
6.50-16		94A8	8	TT	22.2	4.50E	28.0	29.9	6.9	89.5	14.0	1480	61	25
7.50-16		99A8	8	TT	26.2	5.50F	35.9	31.8	8.0	95.2	14.5	1710	56	25
7.50-18		102A8	8	TT	26.2	5.50F	37.9	33.8	8.0	101.2	15.6	1870	56	25
6.00-19		91A8	8	TT	18.1	4.50E	22.9	32.0	6.5	95.9	14.8	1350	56	25
6.50-20		98A8	8	TT	22.2	4.50F	35.7	34.1	6.9	101.9	15.6	1650	56	25
7.50-20		105A8	8	TT	26.2	5.50F	43.4	36.0	8.1	107.0	16.5	2040	56	25



Wider Lugs:

Easy to penetrate the soil, generate optimum traction and ensure comfortable ride

Sturdy Sidewall Structure:

Provides resistance to external damage

Strong Nylon Carcass:

Safeguards the tire against failures



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
8.00-16		88A8	6	TT	35.3	6LB	32.3	31.1	8.3	93.0	14.2	1230	28	25
8.3-20		92A8	6	TT	35.3	W6	39.7	35.2	8.3	105.2	16.3	1390	35	25
9.5-20		99A8	6	TT	35.3	W7	45.6	37.2	9.5	111.3	17.1	1710	30	25
11.2-20		107A8	8	TT	41.6	W10	65.4	39.4	11.2	118.0	18.0	2150	35	25
8.3-24		105A8	8	TT	35.3	W7	44.1	39.1	8.3	116.9	18.2	2040	45	25
9.5-24		112A8	8	TT	39.1	W8	56.7	41.3	9.5	123.4	19.1	2470	41	25
11.2-24		116A8	8	TT	41.6	W10	70.1	43.4	11.2	129.9	20.0	2750	36	25
12.4-24		121A8	8	TT	42.8	W11	86.0	45.6	12.4	136.5	20.9	3190	32	25
13.6-24		123A8	8	TT	45.4	W12	102.5	47.6	13.6	142.5	21.8	3410	28	25
14.9-24		128A8	8	TT	42.8	W13	119.0	49.8	14.9	149.0	22.7	3960	26	25
		136A8	12	TT	42.8	W13	138.5	49.8	14.9	149.0	22.7	4930	38	25
16.9-24		133A8	8	TT	47.3	W15L	147.7	52.5	16.9	157.0	23.8	4540	24	25
		143A8	12	TT	47.3	W15L	166.7	52.5	16.9	157.0	23.8	6000	35	25
14.9-26		129A8	10	TT	45.4	W12	140	51.8	14.9	155.0	23.7	4070	32	25
16.9-26		133A8	10	TT	47.9	W15L	166.2	54.5	16.9	163	24.8	4540	28	25
11.2-28		118A8	8	TT	41.6	W10	80.5	47.4	11.2	141.9	22.0	2910	36	25
12.4-28		123A8	8	TT	42.8	W11L	98.1	49.6	12.4	148.4	22.9	3410	32	25
13.6-28		125A8	8	TT	45.4	W12	113.5	51.6	13.6	154.4	23.8	3630	28	25
14.9-28		130A8	8	TT	46.6	W13	132.3	53.8	14.9	161.0	24.7	4190	26	25
16.9-28		135A8	8	TT	47.3	W15L	159.8	56.5	16.9	169.0	25.8	4800	24	25
		143A8	12	TT	47.3	W15L	171.6	56.5	16.9	169.0	25.8	6000	35	25
7.2-30		96A8	6	TT	35.3	W6	45.5	43.1	7.2	128.9	20.4	1560	41	25
9.5-30		111A8	6	TT	39.1	W7	69.3	47.2	9.5	141.3	22.1	2400	41	25
14.9-30		127A8	8	TT	45.4	W13	140	55.8	14.9	167.0	25.7	3850	26	25
16.9-30		137A8	8	TT	47.3	W15L	170.9	58.5	16.9	174.9	26.8	5070	24	25
		144A8	12	TT	47.3	W15L	186.8	58.5	16.9	174.9	26.8	6170	36	25
18.4-30		139A8	8	TT	47.9	W16L	188.5	61.1	18.4	182.8	27.8	5350	20	25
		152A8	14	TT	47.9	W16L	228.0	61.1	18.4	182.8	27.8	7820	39	25
8.3-32		107A8	8	TT	39.1	W7	57.3	47.0	8.3	140.7	22.2	2150	46	25
9.5-32		106A8	6	TT	39.1	W7	71.6	49.2	9.5	147.3	23.1	2090	30	35



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
12.4-32		125A8	8	TT	42.8	W11L	106.9	53.6	12.4	160.4	24.9	3630	32	25
16.9-34		139A8	8	TT	47.3	W15L	190.7	62.5	16.9	186.9	28.8	5350	24	25
18.4-34		142A8	8	TT	47.9	W16L	216.1	65.1	18.4	194.8	29.8	5840	20	25
		153A8	14	TT	47.9	W16L	227.5	65.1	18.4	194.8	29.8	8040	36	25
12.4-36		126A8	8	TT	42.8	W11L	116.8	57.6	12.4	172.4	26.9	3740	32	25
13.6-36		129A8	8	TT	45.4	W12	141.1	59.6	13.6	178.3	27.8	4070	28	25
13.6-38		131A8	8	TT	45.4	W12	147.7	61.6	13.6	184.3	28.7	4300	29	25
15.5-38		133A8	8	TT	42.2	W14L	165.3	61.8	15.5	184.8	28.8	4540	26	25
16.9-38		141A8	8	TT	47.3	W15L	207.2	66.5	16.9	198.9	30.8	5670	24	25
18.4-38		143A8	8	TT	47.9	W16L	241.4	69.1	18.4	206.7	31.9	6000	20	25



Unique 23 Degree Lug Design:

- Excellent ground contact
- Unbeatable traction
- Comfortable ride

Strong Nylon Carcass:

Safeguards the tire against failures

Special Tread Compound:

Ensures longer tire life



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
23.1-26		153A8	12	TL	54.2	20	304.0	63.2	23.1	189.0	28.3	8040	25	25
23.1-26		159A8	16	TL	54.2	20	319.7	63.2	23.1	189.0	28.3	9640	33	25
20.8-38		148A8	8	TT	52.9	18	321.9	72.2	20.8	216.0	33.1	6940	19	25



Optimum Tread Design:

- Maximum performance in field and on road operations

First in the Industry with Dual Mud Breakers:

- Ensure better self-cleaning and maximum traction

Greater Lug Overlap:

- Provides safe and comfortable ride at high speeds



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
600/65 R28		154 D		TL	69.3	DW20B	339.51	58.7	24.1	175.6	26.7	8267.2	35	40
600/70 R28		161 D		TL	69.3	DW20B	377.0	61.1	24.1	182.6	27.6	10196.2	40.6	40
600/70 R30		152 D		TL	69.3	DW20B	376.98	63.1	24.1	188.6	28.7	7826.3	35	40
710/70 R38		172 D		TL	75.0	DW23B	648.15	77.1	28.2	230.7	35.2	13889.9	35	40
710/70 R38		178 D		TL	75.0	DW23B	673.50	77.1	28.2	230.7	35.2	16534.4	49	40
620/70R42		166 D		TL	69.3	DW20B	510.36	76.2	24.6	227.8	35.1	11684	35	40
710/70 R42		173 D		TL	75.0	DW23B	698.85	81.1	28.2	242.7	37.2	1429.8	35	40
650/85 R38		173 D		TL	78.1	DW23B	705.5	81.5	26.6	243.9	37.0	14329.8	34.8	40
800/70 R38		178 D		TL	78.1	DW27B	797.0	82.1	31.4	245.5	37.2	16534.4	34.8	40
710/75 R42		175D		TL	76.9	DW23B	785.0	84.0	27.8	251.1	38.3	15212	35	40



Optimum Tread Design:

- Maximum performance in field and on road operations

First in the industry with Dual Mud Breakers:

- Ensure better self- cleaning

Greater Lug Overlap:

- Provides safe and comfortable ride at high speeds



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
440/65 R24		135 D		TL	56.06	W14L	168.65	46.5	17.4	139.2	21.3	4806	35	40
480/65 R24		140 D		TL	59.2	W15L	199.0	48.6	18.9	145.3	22.1	5511	35	40
480/65 R28		142 D		TL	59.2	W15L	218.8	52.6	18.9	157.2	24.1	5842	35	40
540/65 R24		146 D		TL	63.0	W16L	244.1	51.7	20.9	154.5	23.4	6614	35	40
540/65 R28		149 D		TL	63.0	W16L	271.4	55.6	20.9	166.4	25.4	7165	35	40
540/65 R30		150 D		TL	63.0	W16L	284.8	57.6	20.9	172.4	26.4	7385	35	40
540/65 R34		152 D		TL	63.0	W16L	309.2	61.7	20.9	184.4	28.4	7826	35	40
540/65 R38		153 D		TL	63.0	W16L	337.5	65.6	20.9	196.3	30.4	8047	35	40
600/65 R 34		157 D		TL	68.7	DW20B	390.3	64.7	24.1	193.6	29.7	9094	35	40
600/65 R 38		159 D		TL	68.7	DW20B	420.7	68.7	24.1	205.5	31.7	9645	35	40
650/65 R38		163 D		TL	74.3	DW20B	487.7	71.3	25.4	213.2	32.7	10747	35	40
650/65 R42		165 D		TL	74.3	DW20B	529.7	75.3	25.4	225.3	34.7	11354	35	40



Tractor tires designed with a unique mud breaker:

- Low soil compaction
- High traction
- Excellent driving experience



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
320/70R24		116D		TL	50.4	W10	104.7	43.1	12.6	128.8	19.9	2760	23	40
360/70R24		122D		TL	51.7	W11	134.5	45.4	14.1	135.7	20.8	3310	23	40
360/70R28		125D		TL	51.7	W11	149.9	49.3	14.1	147.3	22.8	3640	23	40
380/70R24		125D		TL	52.3	W12	144.4	46.9	15.0	140.2	21.5	3640	23	40
380/70R28		127D		TL	52.3	W12	162.0	50.9	15.0	152.3	23.5	3860	23	40
420/70R24		130D		TL	55.4	W13	177.9	49.1	16.5	147.0	22.4	4190	23	40
420/70R28		133D		TL	55.4	W13	195.1	53.1	16.5	158.9	24.4	4540	23	40
420/70R30		134D		TL	55.4	W13	210.5	55.0	16.5	164.6	25.4	4670	23	40
480/70R24		138D		TL	61.1	W15L	219.4	51.8	18.9	155.0	23.5	5200	23	40
480/70R28		140D		TL	61.1	W15L	244.7	55.9	18.9	167.3	25.6	5510	23	40
480/70R30		141D		TL	61.1	W15L	256.8	58.2	18.9	174.1	26.7	5680	23	40
480/70R34		143D		TL	61.1	W15L	283.3	62.2	18.9	186.1	28.7	6010	23	40
480/70R38		145D		TL	61.1	W15L	307.5	66.2	18.9	198.0	30.6	6390	23	40
520/70R34		148D		TL	68.0	W16L	330.7	64.6	20.3	193.1	29.6	6940	23	40
520/70R38		150D		TL	68.0	W16L	363.8	68.9	20.3	205.9	31.7	7390	23	40
580/70R38		155D		TL	72.4	DW18L	450.8	71.9	22.7	215.2	33.0	8540	23	40
580/70R38		180D		TL	72.4	DW18L	492.9	71.9	22.7	215.2	33.0	8540	80	40



Tractor tires designed with a unique mud breaker:

- Low soil compaction
- High traction
- Excellent driving experience



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
380/80R38	14.9 R38	142 D		TL	58.0	W12	216.4	62.0	15.2	185.5	28.9	5842	35	40
480/80 R42	18.4 R42	151 D		TL	68.0	DW16L	375.7	72.5	19.3	216.9	33.6	7606	23	40
480/80 R46	18.4 R46	158 D		TL	68.0	DW16L	415.1	76.5	19.3	228.9	35.6	9369	35	40
480/80 R50	18.4 R50	159 D		TL	68.0	DW16L	459.1	80.6	19.3	240.9	37.6	9645	35	40
480/80 R50	18.4 R50	165 D		TL	68.0	DW16L	471.4	80.6	19.3	240.9	37.6	11340	46	40



Tractor tires designed with a unique mud breaker:

- Low soil compaction
- High traction
- Excellent driving experience



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
250/85R24	9.5 R 24	109 D		TL	47.9	W8	80.9	40.8	9.9	122.0	18.9	2270	23	40
280/85 R24	11.2R24	115 D		TL	50.8	W10	94.8	42.8	11.5	127.9	19.7	2680	23	40
320/85 R24	12.4R24	122 D		TL	52.2	W11	116.8	45.4	12.9	135.9	20.8	3300	23	40
340/85 R24	13.6R24	125 D		TL	53.6	W12	134.5	46.8	13.9	139.9	21.4	3630	23	40
380/85 R24	14.9R24	131 D		TL	55.4	W12	162.0	49.4	15.0	147.9	22.5	4300	23	40
420/85 R24	16.9R24	137 D		TL	58.0	W15L	205.0	52.1	17.2	155.9	23.6	5070	23	40
280/85 R28	11.2R28	118 D		TL	50.8	W10	106.9	46.7	11.5	139.8	21.7	2910	23	40
320/85 R28	12.4R28	124 D		TL	52.2	W11	131.0	49.4	12.9	147.8	22.8	3520	23	40
340/85 R28	13.6R28	127 D		TL	53.6	W12	149.9	50.7	13.9	151.8	23.4	3850	23	40
380/85 R28	14.9R28	133 D		TL	55.4	W12	181.9	53.4	15.0	159.8	24.5	4540	23	40
420/85 R28	16.9R28	139 D		TL	58.0	W15L	227.1	56.1	17.2	167.8	25.6	5350	23	40
420/85 R30	16.9R30	140 D		TL	58.0	W15L	235.0	58.1	17.2	173.8	26.6	5510	23	40
460/85 R30	18.4R30	145 D		TL	61.7	W16L	285.9	60.8	18.7	181.8	27.7	6390	23	40
380/85 R30	14.9 R 30	135 D		TL	55.4	W12	197.31	55.4	15.0	165.8	25.5	4806	23	40
320/85 R32	12.4R32	126 D		TL	52.2	W11	149.0	53.4	12.9	159.8	24.8	3740	23	40
380/85 R34	14.9R34	137 D		TL	55.4	W12	213.84	59.4	15.0	177.8	27.5	5071	23	40
420/85 R34	16.9R34	142 D		TL	58.0	W15L	257.9	62.1	17.2	185.8	28.6	5840	23	40
460/85 R34	18.4R34	147 D		TL	61.7	W16L	298.9	64.8	18.7	193.8	29.7	6770	23	40
320/85 R36	12.4R36	128 D		TL	52.2	W11	164.0	57.4	12.9	171.7	26.8	3960	23	40
340/85 R36	13.6R36	132 D		TL	53.6	W12	186.1	58.7	13.9	175.7	27.4	4410	23	40
320/85R38	12.4 R 38	143 D		TL	52.2	W11	177.1	59.4	12.6	177.7	27.8	6000	52	40
340/85R38	13.6 R 38	133 D		TL	53.5	W12	192.3	60.7	13.5	181.7	28.4	4540	23	40
420/85 R38	16.9R38	144 D		TL	58.0	W15L	278.0	66.1	17.2	197.7	30.6	6170	23	40
460/85 R38	18.4R38	149 D		TL	61.7	W16L	326.9	68.8	18.7	205.7	31.7	7160	23	40
520/85 R38	20.8R38	155 D		TL	68.0	DW16L	425.9	72.8	20.3	217.7	33.4	8540	23	40
520/85 R42	20.8R42	157 D		TL	68.0	DW16L	431.0	76.8	20.3	229.7	35.4	9090	23	40
520/85 R42	20.8R 42	165 D		TL	68.0	DW16L	449.8	76.8	20.3	229.7	35.4	11340	41	40
520/85 R46	20.8R 46	158 D		TL	68.0	DW16L	492.7	80.8	20.3	241.6	37.3	9360	23	40
520/85 R46	20.8R 46	169 D		TL	68.0	DW16L	549.7	80.8	20.3	241.6	37.3	12780	46	40

ADD ROW

● Implement





Optimum Implement Design:

Minimizes soil compaction and protects the grassland

Strong Nylon Carcass:

Provides high load-carrying capacity



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
10.0/80-12		121/109A8	10	TL	12.6	9	33.3	28.0	10.4	83.6	12.6	3190	57	25
10.0/75-15.3	260/75-15.3	123/111A8	10	TL	11.3	9	32.0	29.9	10.4	89.5	13.7	3410	57	25
10.0/75-15.3	260/75-15.3	130/118A8	14	TL	11.3	9	33.1	29.9	10.4	89.5	13.7	4180	80	25
11.5/80-15.3		131/119A8	10	TL	11.3	9	40.5	33.3	11.4	99.5	15.1	4290	49	25
11.5/80-15.3		139/126A8	14	TL	11.3	9	41.9	33.3	11.4	99.5	15.1	5346	68.9	25
11.5/80-15.3		141/128A8	16	TL	11.3	9	41.9	33.3	11.4	99.5	15.1	5665	78	25
12.5/80-15.3	300/80-15.3	142/129A8	14	TL	11.3	9	52.9	34.2	11.6	102.4	15.5	5830	62.4	25
		151/139A8	18	TL	11.3	9	62.0	34.2	11.6	102.4	15.5	7590	98	25
13.0/65-18		144/131A8	16	TL	15.1	11	68.3	35.0	13.2	104.8	16.1	6160	71	25
15.0/70-18		151/139A8	16	TL	15.1	13	92.6	39.0	15.4	116.6	17.7	7590	62	25
12.5/80-18		148/135A8	16	TL	15.1	9	75.0	38.0	12.1	113.7	17.3	6930	71	25


Wider Footprint:

Minimizes soil compaction and protects the grassland

Optimum Height to Width Ratio:

Ensures stability

Strong Nylon Carcass:

Provides high load-carrying capacity



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
260/70-15.3		122/110A8	10	TL	13.9	9	36.4	29.6	10.6	88.7	13.6	3300	46	25
		131/119A8	14	TL	13.9	9	39.7	29.6	10.6	88.7	13.6	4290	73	25
400/60-15.5		145/132A8	14	TL	15.1	13	72.8	34.4	15.9	102.9	15.6	6380	52	25
		148/135A8	16	TL	15.1	13	73.9	34.4	15.9	102.9	15.6	6930	61	25
		149/136A8	18	TL	15.1	13	76.9	34.4	15.9	102.9	15.6	7150	65	25
340/55-16		133/121A8	12	TL	15.1	11	48.5	30.7	13.5	91.9	14.1	4532	46	25
340/55-16		140/128A8	18	TL	15.1	11	52.8	30.7	13.5	91.9	14.1	5500	70	25
380/55-17	15.0/55-17	134/122A8	10	TL	15.1	13	60.2	33.5	15.0	100.1	15.3	4664	38	25
		141/128A8	14	TL	15.1	13	57.3	33.5	15.0	100.1	15.3	5665	46	25
		146/134A8	18	TL	15.1	13	72.9	33.5	15.0	100.1	15.3	6600	67	25
480/45-17	19.0/45-17	146/134A8	14	TL	16.4	16	88.2	34.0	18.9	101.8	15.6	6600	46	25
480/45-17	19.0/45-17	149/136A8	18	TL	16.4	16	96.3	34.0	18.9	101.8	15.6	7150	51	25
500/50-17		143/131A8	10	TL	16.4	16	111.2	36.7	19.8	109.8	16.7	5995	29	25
		149/137A8	14	TL	16.4	16	121.3	36.7	19.8	109.8	16.7	7150	41	25
		154/142A8	18	TL	16.4	16	116.3	36.7	19.8	109.8	16.7	8250	58	25
400/70-20	16.0/70-20	156/144A8	16	TL	15.1	13	106.9	42.2	16.3	126.2	19.2	8800	58	25
500/55-20		150/138A8	10	TL	16.4	16	116.0	41.7	19.8	124.6	18.9	7370	35	25
		155/143A8	12	TL	16.4	16	128.5	41.7	19.8	124.6	18.9	8525	46	25


Specially-designed Directional Tread Pattern:

Ensures excellent traction and self-cleaning properties

Superior Carcass Construction:

High load-carrying capacity and directional stability

Special Tread Compound:

Ensures longer tire life



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
10.0/75-15.3		123/111A8	10	TL	29.0	9	46.3	30.7	10.4	91.9	14.0	3410	57	25
		130/118A8	14	TL	29.0	9	48.1	30.7	10.4	91.9	14.0	4180	80	25
		135/123A8	18	TL	29.0	9	54.5	30.7	10.4	91.9	14.0	4796	103	25
11.5/80-15.3		135/123A8	12	TL	29.0	9	59.5	34.1	11.4	102.1	15.4	4796	59	25
		139/126A8	14	TL	29.0	9	60.2	34.1	11.4	102.1	15.4	5346	69	25
19.0/45-17		138/125A8	10	TL	31.5	16	83.8	34.5	18.5	103.3	15.7	5192	33	25



Specially Designed Ribbed Tire:

Allows easy steering of machine/equipment

Wider Centre Rib:

Provides excellent grip and long tire life



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs) Free Rolling	Psi	Max Speed (mph)
9.5L-14 SL		111 B	8	TL	10.1	7.00	30.0	29.4	9.5	88.1	13.4	2400	44	31
7.60-15 SL		110 B	10	TL	7.6	5.50	28.0	29.0	7.6	86.8	13.3	2320	62	31
9.5L-15SL		112 B	8	TL	10.1	7.00	30.9	30.2	9.5	90.3	13.8	2470	44	31
9.5L-15SL		121 B	12	TL	10.1	7.00	37.5	30.2	9.5	90.3	13.8	3200	64	31
11L-15SL		113 B	8	TL	10.1	8.00	33.1	30.6	11.0	91.5	13.9	2540	36	31
11L-15SL		121 B	12	TL	10.1	8.00	40.2	30.6	11.0	91.5	13.9	3200	52	31
12.5L-15SL		127 B	12	TL	11.3	10.00	48.1	32.4	12.5	96.9	14.7	3860	52	31
12.5L-16SL		130 B	14	TL	11.3	10.00	52.0	33.4	12.5	99.9	15.2	4180	56	31

● Flotation





Optimized Flotation Design:

- Reduces soil compaction
- Generates traction
- Self-cleaning properties

Enhanced Carcass Construction:

Ensures high load-carrying capacity



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
400/60-15.5		145A8 F.R.	14	TL	22.7	13	75.0	34.4	15.9	102.9	15.6	6380	52	25
400/60-15.5		148A8 F.R.	16	TL	22.7	13	78.3	34.4	15.9	102.9	15.6	6930	61	25
500/50-17		149 A8 F.R.	14	TL	16.4	16	121.3	36.7	19.8	109.8	16.7	7150	41	25
		157 A8 F.R.	18	TL	16.4	16	129.5	36.7	19.8	109.8	16.7	9075	58	25
500/45-22.5		154A8 F.R.	16	TL	31.5	16	155.4	40.2	20.2	120.4	18.6	8250	52	25
500/60-22.5		163 A8 F.R.	16	TL	32.8	16	196.2	46.1	19.8	138.0	21.0	10725	46	25
550/45-22.5		159 A8 F.R.	16	TL	31.5	16	159.8	42.1	22.0	126.0	19.4	9625	41	25
		159 A8 F.R.	20	TL	31.5	16	176.7	42.1	22.0	126.0	19.4	11660	51	25
550/60-22.5		166 A8 F.R.	16	TL	32.8	16	196.2	48.8	21.8	146.0	22.1	11660	44	25
		171 A8 F.R.	20	TL	32.8	16	230.7	48.8	21.8	146.0	22.1	13530	51	25
600/50-22.5		165 A8 F.R.	16	TL	31.5	20	244.7	46.1	24.1	138.0	21.0	11330	41	25
600/55-22.5		169 A8 F.R.	16	TL	32.8	20	230.5	48.5	24.1	145.1	22.0	12760	38	25
700/40-22.5		166 A8 F.R.	16	TL	32.8	24	240.1	44.9	28.6	134.3	20.5	11660	38	25
700/50-22.5		174 A8 F.R.	16	TL	32.8	20	273.4	50.0	28.6	149.6	22.6	14740	41	25
600/55-26.5		170 A8 F.R.	16	TL	32.8	20	259.4	52.5	24.1	157.0	24.0	13200	38	25
700/50-26.5		174 A8 F.R.	16	TL	32.8	20	296.6	52.5	28.6	157.0	24.0	14740	35	25
800/45-26.5		177 A8 F.R.	16	TL	32.8	24	337.7	54.8	32.6	164.1	25.0	16060	32	25



remove this 2nd pneumatic

Steel Belted Directional Tread for Superior Traction:

- Homogenous Pattern for On Road and Farm Applications.
- Tires Designed for High load and Speed Operations.
- Ensure traction and self-cleaning during field operation.
- Enhanced Roadability ensuring Better Mileage.



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
560/45R22.5	NR	152 D		TL	28.3	AG16.00	198.41	42.3	21.4	126.6	19.4	7820	58	40
560/60R22.5	NR	164 D		TL	28.3	AG16.00	259.48	49.2	21.4	147.0	22.2	11010	73	40
710/50R26.5	NR	170 D		TL	30.9	AG24.00	374.8	54.4	28.6	162.8	24.8	13228	58	40
600/55R26.5	NR	165 D		TL	30.9	AG20.00	306.4	52.5	24.1	157.0	24.0	11354	58	40
650/55R26.5	NR	170 D		TL	30.9	AG20.00	340.17	54.7	25.4	163.5	24.9	13220	58	40

● Irrigation





Specially Designed Tread Pattern

- Excellent traction and outstanding self-cleaning properties

Robust Nylon Carcass Construction

- Enhances its ability to carry continuous heavy loads

Special Tread Compound

- Provides safe and comfortable ride at high speeds



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
11.2-24		110A8	6	TL	31.5	W10	62.4	43.4	11.2	129.9	20.0	2330	26	25
14.9-24		128A8	8	TL	36.5	W13	103.6	49.3	14.9	147.4	22.4	3960	26	25
11.2-38		114A8	6	TL	31.5	W10	97	57.4	11.2	171.8	27	2600	26	25

● Telehandler





Specially-designed Directional Tread Pattern:

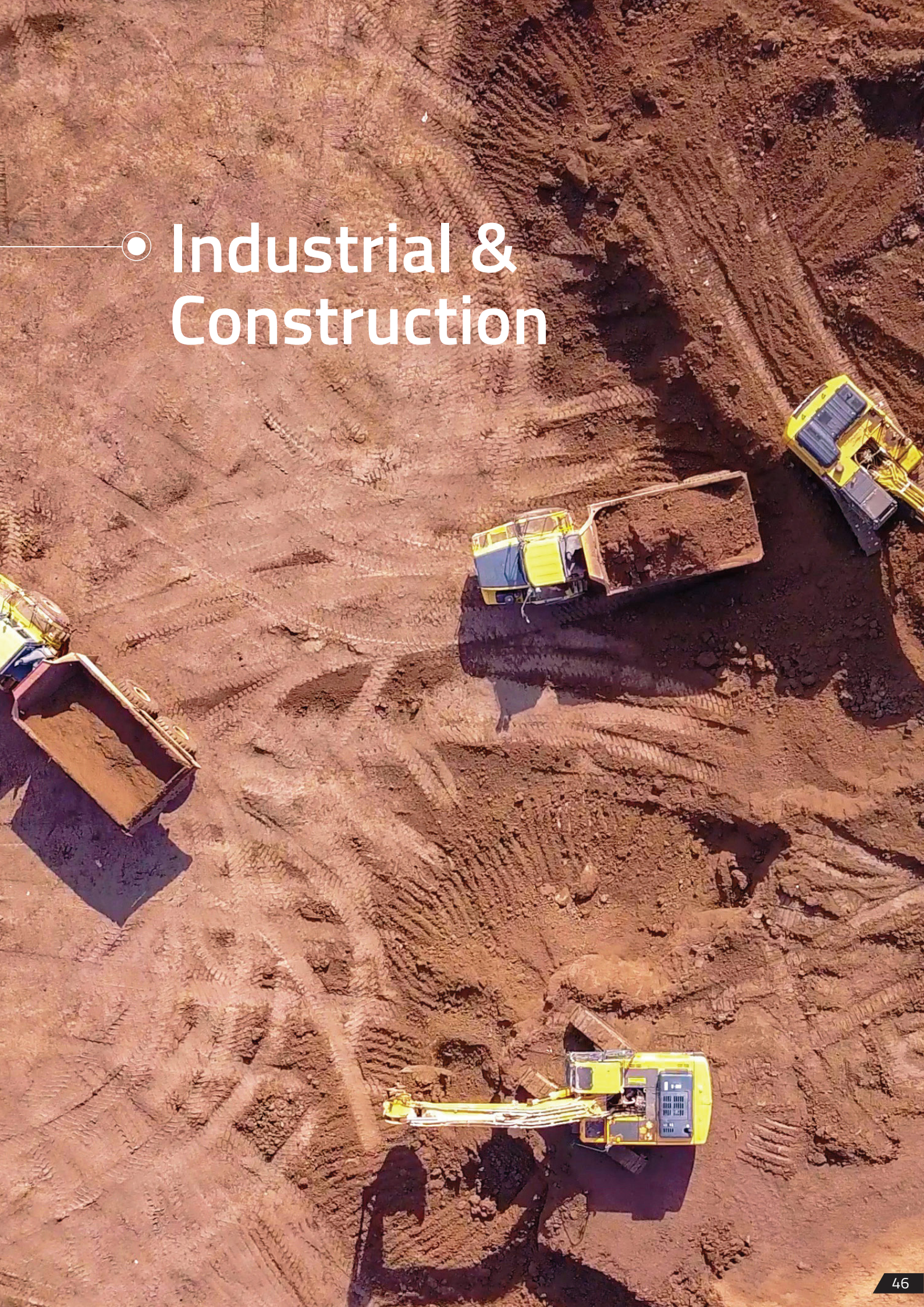
- Ensures traction and self-cleaning properties
- Provides excellent stability during vehicle operation

Strong Nylon Carcass:

Safeguards the tire against failures



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
405/70-20		149B	14	TL	38.4	13	132.3	42.3	16.5	126.6	19.2	7150	51	31
405/70-24		152B	14	TL	38.4	13	154.3	46.3	16.5	138.6	21.2	7810	51	31
15.5/80-24		157A8	12	TL	38.4	13	156.5	46.3	16.5	138.6	21.2	9094	44	25
15.5/80-24		163A8	16	TL	47.9	13	166.9	49.8	15.5	149.1	22.7	10725	73	25

An aerial photograph of a construction site. The ground is a deep reddish-brown color, heavily marked with the tracks of heavy machinery. Several yellow excavators and dump trucks are visible. One excavator is in the lower center, another is on the right side, and a third is on the left. Two dump trucks are also present, one in the center and one on the left, both carrying loads of the same reddish-brown soil. The scene is brightly lit, casting distinct shadows from the vehicles.

● Industrial & Construction

● Backhoe Loader





Robust Tread Design:

- Optimum contact area for better stability
- Excellent self-cleaning properties
- Minimum slippage and enhanced traction

Strong Nylon Carcass:

Safeguards the tire against failures

Thick Under Tread:

Ensures protection from cuts and punctures



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
10.5/80-18		123B	12	TL	32.3	9	66.6	34.8	10.8	104.2	15.9	3410	72	31
12.5/80-18		142/129A8	12	TL	33.4	9	90.4	38.0	12.1	113.7	17.3	5840	54	25
12.5/80-18		145/132A8	14	TL	33.4	9	95.7	38.0	12.1	113.7	17.3	6390	62	25
400/70-20	16.0/70-20	149A8	16	TL	30.2	13	129	42.3	15.9	126.5	19.2	1760	59	25
14.9-24		145A8	12	TL	31.5	13	136	48.9	14.9	146.1	22.2	6390	43	25
16.9-24		149A8	12	TL	34.7	15	163.1	51.5	16.9	154.1	23.4	7160	38	25
17.5L-24		144A8	10	TL	33.0	15	154.3	48.9	17.5	146.1	22.3	6170	32	25
18.4-24		155A8	12	TL	35.9	15	201.7	54.1	18.4	161.9	24.4	8540	37	25
18.4-26		156A8	12	TL	35.9	16	220.5	56.1	18.4	167.9	25.5	8810	37	25
18.4-26		159A8	14	TL	35.9	16	224.3	56.1	18.4	167.9	25.5	9640	43	25
16.9-28		152A8	12	TL	34.7	15	183.0	55.5	16.9	166.1	25.4	7820	38	25
16.9-30		153A8	12	TL	34.7	15	202.8	57.5	16.9	172.0	26.4	8040	40	25



Robust Lug Design:

Combination of robust lugs used in industrial applications and good self-cleaning properties

Flat and Wider Tread:

Excellent stability during vehicle operation

Special Tread Compound:

Ensures longer tire life



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
18.4-26		156A8	12	TL	46.6	16	205.0	57.1	18.4	170.7	25.8	8810	36	25



Special Rounded Tread Bars:
Reduces vehicle vibration and enhances operator comfort

Wider Lugs:
Optimum contact area for high traction

Thick Under Tread:
Ensures protection from cuts and punctures



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
19.5L -24		151A8	12	TL	34.7	17	183.0	51.7	19.5	154.7	23.5	7600	34	25
21L-24		155A8	12	TL	35.9	18	229.3	54.3	21.0	162.3	24.5	8540	32	25



Robust Tread Design:

- Provides directional stability
- Increases flotation

Reinforced Sidewall:

Enhanced protection against cuts and damage



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
11L-16		112A8	10	TL	16.0	8	47.4	31.8	11.0	95.2	14.5	2464	53	25

● Skid Steer





Solid Center Lug:

Improves tire wear on hard surfaces

Open Shoulder Design:

Increases traction on loose off-road surfaces



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
10-16.5		130A2	8	TL	18.3	8.25	43.0	30.4	10.4	91.0	14.0	4140	60	5
10-16.5		134A2	10	TL	18.3	8.25	53.2	30.4	10.4	91.0	14.0	4710	75	5
12-16.5		140A2	10	TL	22.1	9.75	57.3	32.7	12.1	97.9	15.0	5600	65	5
12-16.5		145A2	12	TL	22.1	9.75	63.29	32.7	12.1	97.9	15.0	6393	80	5



Deep Tread and Optimized Spaced Lugs:

Ensures high traction and improves self-cleaning abilities

Extra Strong Casing:

Higher load-carrying capacity in all applications

Special Tread Compound:

High tear and cut resistance in loading operations



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
23X8.50-12		87A8	8	TL	17.6	7	25.9	22.6	8.4	67.6	10.4	1200	49	25
27x8.50-15		102A8	8	TL	17.6	7	33.3	26.7	8.4	79.8	12.3	1870	61	25
27x10.50-15		105A8	8	TL	18.9	8.5	37.9	27.2	10.2	81.4	12.5	2040	61	25
31x15.50-15		125A8	10	TL	23.9	13	68.4	31.2	15.4	93.26	14.2	3640	61	25
10-16.5		130 A2	8	TL	26.5	8.25	52.2	30.4	10.4	91.0	14	4140	60	6
10-16.5		134 A2	10	TL	26.5	8.25	52.9	30.4	10.4	91.0	14.0	4710	75	6
12-16.5		140 A2	10	TL	28.4	9.75	75.0	32.7	12.1	97.9	15.0	5600	65	6
12-16.5		145 A2	12	TL	28.4	9.75	78.1	32.7	12.1	97.9	15.0	6393	80	6
14-17.5		155 A2	14	TL	30.2	10.5	121.3	36.3	13.7	108.5	16.5	8543	80	6
15-19.5		146A8	14	TL	31.5	11.75	134.0	40.1	15.5	120	18.3	6600	70	25



Extra Deep Tread Depth:
Superior traction and long life

Wider and Sturdier Blocks:
High stability and puncture resistance

Advanced Tread Compound:
Excellent wear resistance in severe conditions



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
10-16.5		130 A2	10	TL	42.8	8.25	72.8	30.4	10.4	91.0	14.0	4675	75	6
12-16.5		145 A2	12	TL	44.1	9.75	95.0	32.7	12.1	97.9	15.0	6390	80	6

● Paving & Compactor





Large Tread Area:

Increases flotation and minimizes ground disturbance in soil compaction operations

Optimized Diamond Lug Pattern with Sipes:

Reduces groove cracks and minimizes slippage

Good Rubber Coverage on Tread Base:

Ensures puncture and impact resistance, thereby reducing downtime



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
23.1-26		145A8	8	TL	30.2	20	256.6	62.2	23.1	186.2	28.0	6380	16	25
23.1-26		162A8	12	TL	30.2	20	278.9	62.2	23.1	186.2	28.0	10450	25	25
23.1-26		168A8	16	TL	30.2	20	290.1	62.2	23.1	186.2	28.0	12320	33	25
28L-26		173A8	16	TL	35.3	25	345.1	62.6	28.1	187.4	28.1	14300	32	25

● Excavator





Optimized Lug Angle:
Excellent traction and self-cleaning properties

Wider Tread Pattern:
Provides excellent stability during vehicle operation

Strong Nylon Casing:
Enhanced load-carrying capacity



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
8.25-20		133B	14	TT	23.3	6.5	68.3	37.9	9.1	113.3	17.4	4540	98	31
9.00-20		140B	14	TT	25.8	7	83.8	40.1	10.2	119.9	18.3	5510	102	31
10.00-20		148B	16	TT	25.8	7.5	99.2	41.4	10.8	123.9	18.9	6940	109	31
11.00-20		153B	16	TT	32.1	8	110.2	42.6	11.3	127.4	19.3	7160	104	31



Flotation Tread Design:
Ensures excellent traction and self- cleaning properties

Superior Carcass Construction:
High load carrying capacity and directional stability

Special Tread Compound:
Longer tire life and puncture resistance



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
550/60-22.5		169 A8 FR 156 A8 DW 165 B FR 152 B DW	18	TL	47.9	16	238.1	48.8	21.8	146.0	22.1	12787	46	25

● Multi-Purpose Industrial



● Telehandler/Loader





Robust Tread Design:

- Optimum traction on soil, sand, rock and gravel
- Higher contact area for better stability and minimum slippage

High Abrasion Resistant Tread Compound:

Ensures high tear and cut resistance



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
13.00-24		174A2	16	TL	32.0	10	148.8	50.3	13.8	150.5	22.9	14630	88	5
14.00-24		177A2	16	TL	32.0	10	175.3	53.1	14.8	158.7	24.0	16060	80	5
15.5-25		168A2	12	TL	32.0	12	156.5	50.3	15.5	150.4	23.0	12320	59	5
15.5-25		175A2	16	TL	32.0	12	172.5	50.3	15.5	150.4	23.0	15180	80	5
17.5-25		150A2	16	TL	32.0	14	198.4	53.1	17.5	158.7	24.1	16060	69	5
20.5-25		181A2	16	TL	35.9	17	291.0	58.7	20.5	175.7	26.5	18150	51	5



Distinctive Centre Diamond Cut Pattern:

- Provides Maximum Ground Contact.
- Ensures Even Load Distribution
- Suitable for Rugged Terrains
- The Open Shoulder Lug Pattern Provides Excellent Traction.



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
13.00-24		170 A2	14	TL	32.0	10	167.1	50.3	13.9	150.5	22.9	13200	77	7
14.00-24		177 A2	16	TL	32.0	10	194.7	53.1	14.8	158.7	24.0	16060	80	7
15.5-25		168 A2	12	TL	32.0	13	187.4	50.3	15.9	150.5	23.0	12320	59	7
17.5-25		177 A2	16	TL	34.0	14	225.5	53.0	17.5	158.5	24.1	16060	69	7

MIB 407 – [R-4]



Compact
Wheel loader
and Backhoe
Loader



Tread Design:

- Extra thick sidewall.
- Ensure Puncture resistance.
- Sidewall allows stability.

Enhanced Carcass Construction:

Ensures high load carrying capacity



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
400/80-24	15.5/80-24	162 A8	20	TL	36.5	DW13	181.0	49.2	16.3	147.2	22.4	10470	73	25
440/80-24	16.9-24	168 A8	22	TL	36.5	DW14L	224.2	51.7	17.8	154.7	23.4	12350	73	25



Robust Design : Steel Belted

- Improved Tread design-Provides better traction
- Enhanced Carcass- Stability for both On and Off-road operations.
- Excellent self-cleaning properties.
- Steel belted Construction for longer Tires life.



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
460/70R24	17.5LR24	159 A8/B		TL	49.1	DW15L	223.32	49.4	18.3	147.6	22.5	9640	58	40
500/70R24	19.5LR24	164 A8/B		TL	49.1	DW16L	250.88	51.6	19.8	154.3	23.4	11010	58	40
480/80R26	18.4R26	167 A8/B		TL	47.9	DW15L	288.14	56.2	18.9	168.1	25.5	12000	58	40
440/80R28	16.9R28	156 A8/B		TL	47.9	DW14L	264.55	55.7	17.4	166.6	25.4	8810	46	40

● Material Handling



● Port





Highly Versatile and Superior Design
Superior traction and excellent performance

Deep Wide Tread Grooves
Reduce risk of groove cracks and heat build up

Special Tread Compound
Minimizes wear and extends tire life significantly



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
14.00-24		188 A2	28	TL	39.7	10	310.2	53.9	14.8	161.3	24.4	22000	135	7



● Earth Mover

● Wheel Loader





Robust Tread Design:

Generates maximum traction and resistance to slippage

Strong Nylon Casing:

- Heavy load-carrying capacity
- Resistance to impacts



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
17.5-25		177A2	16	TL	34.0	14.00/1.5	253.5	53.1	17.5	158.7	24.1	16060	69	5
20.5-25		181A2	16	TL	37.8	17.00/2.0	374.8	58.7	20.5	175.7	26.5	18150	51	5
20.5-25		186A2	20	TL	37.8	17.00/2.0	374.8	58.7	20.5	175.7	26.5	20900	66	5
23.5-25		191A2	20	TL	40.3	19.5/1.5	529.1	63.7	23.5	190.4	28.5	23980	55	5

● Grader





Open Tread Design:

Optimum traction on soil, sand, rock and gravel

Reinforced Carcass:

Withstands grading operation

Abrasion Resistant Tread Compound:

Ensures longer service life and low operating cost



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed
13.00-24		143A8	12	TL	30.2	8	138.9	50.3	13.1	150.5	22.9	5995	44	25
13.00-24		149A8	16	TL	30.2	8	149.9	50.3	13.1	150.5	22.9	7150	59	25
14.00-24		147A8	12	TL	32.1	8	166.4	53.1	14.3	158.7	24.0	6765	40	25
14.00-24		153A8	16	TL	32.1	8	174.2	53.1	14.3	158.7	24.0	8030	55	25

● Forestry



● Agro Forestry





Robust Lug Design:

- Combination of robust lugs used in forestry applications & good self-cleaning properties

Flat and Wider Tread:

- Excellent stability during vehicle operation

Specially Designed Tread Compound:

- Ensures longer tire life in forestry application



Size	ALT Size	LI/SI	Ply/*	Type	Tread Depth (32 nds)	Preferred Rim	Wt (lbs)	OD inches	SW inches	RC inches	SLR inches	Max Load (lbs)	Psi	Max Speed (mph)
18.4-26		156A8	16	TL	46.6	16	228.3	57.1	18.4	170.7	25.8	8810	36	25

● Tire care & usage



- **Section Height:**

The height of a tire from the nominal rim diameter to the top of the tread.

- **Section Width:**

The width of a tire including normal sidewalls, but not including protective side ribs, bars, or other decorations.

- **Overall Diameter:**

Twice the section height (unloaded) plus the nominal rim diameter.

- **Rim Width:**

The measurement on the inside of the rim between the two flanges.

- **Rim Diameter Code:**

The nominal rim diameter in inches.

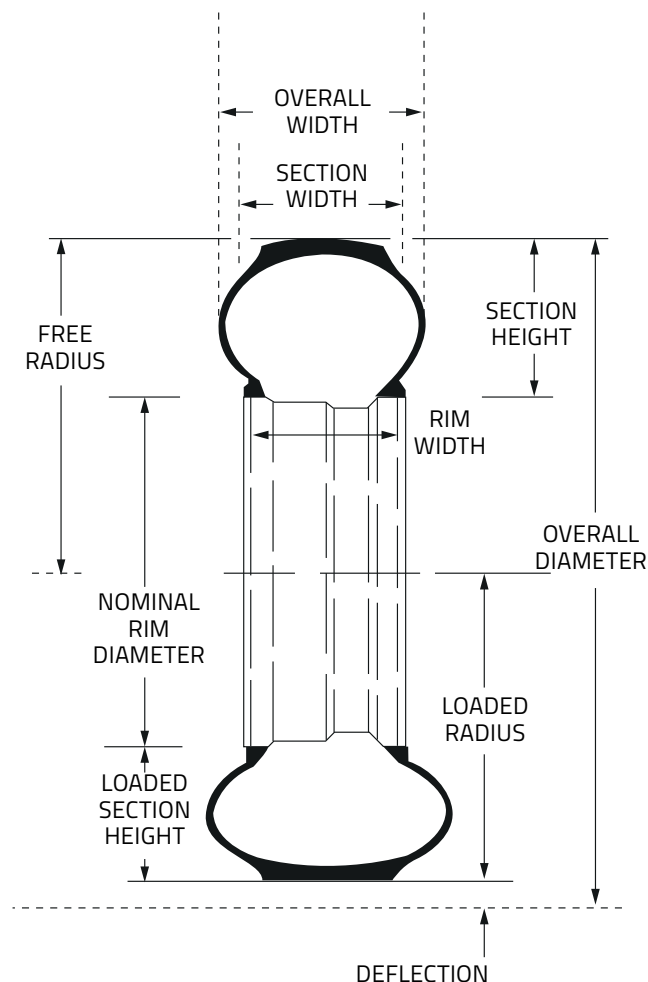
- **Rolling Circumference:**

The distance an inflated and loaded tire will roll in one revolution.

- **Aspect Ratio:**

Used to describe the ratio of tire "section height" to "section width."

A tire with an aspect ratio of 85 would have a tire height equal to 85% of the tire's width.



Conversion factors

1 millimetre (mm)	= 0.03937 inches	1 inch (")	= 25.4 millimetres
1 metre (m)	= 1.09361 yards	1 yard	= 0.9144 metres
1 kilometre (km)	= 0.62137 miles	1 mile (mi)	= 1.609344 kilometres
1 litre (l)	= 0.21997 gallons (UK)	1 gallon (UK)	= 4.5461 litres
1 litre (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 kilometre per hour (km/h)	= 0.62137 miles per hour	1 mile per hour (mph)	= 1.609344 kilometres 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 metre (N.m)	= 0.113 inch pound	1 inch pound (in-lb)	= 8.85 inch-pound

Pressure conversion table

PSI	BAR	KPA
10	0.7	70
11	0.8	80
12	0.8	80
13	0.9	90
14	1	100
15	1	100
16	1.1	110
17	1.2	120
18	1.2	120
19	1.3	130
20	1.4	140
21	1.4	140
22	1.5	150
23	1.6	160
24	1.7	170
25	1.7	170
26	1.8	180
27	1.9	190
28	1.9	190

PSI	BAR	KPA
29	2	200
30	2.1	210
31	2.1	210
32	2.2	220
33	2.3	230
34	2.3	230
35	2.4	240
36	2.5	250
37	2.6	260
38	2.6	260
39	2.7	270
40	2.8	280
41	2.8	280
42	2.9	290
43	3	300
44	3	300
45	3.1	310
46	3.2	320
47	3.2	320

PSI	BAR	KPA
48	3.3	330
49	3.4	340
50	3.4	340
51	3.5	350
52	3.6	360
53	3.7	370
54	3.7	370
55	3.8	380
56	3.9	390
57	3.9	390
58	4	400
59	4.1	420
60	4.1	410
61	4.2	420
62	4.3	430
63	4.3	430
64	4.4	440
65	4.5	450
66	4.5	450

Storage

- Keep the tires clean and away from heat, light, ozone or hydrocarbon sources.
- Avoid prolonged exposure of the tires to direct sunlight.
- Avoid any contact with grease, petrol, volatile solvents or other substances that may deteriorate the rubber.
- Avoid horizontal storage for tubeless tires, only small size tires may be stacked or stored flat (maximum 6 months).
- When tires are stored flat (horizontal), the position must be lug against lug.
- Reduce inflation pressure when tires are stored fitted on rims.
- Ensure there is no water or moisture inside the tire.
- Never store tires directly in contact with the ground for long periods.

Tire repairs

For safety reasons, repairs should only be carried out by specialists using the correct tools.

Proper use of tires

- When loading tires you have to consider the correlation between speed, inflation pressure and load capacity.
- Overloading results in premature tire failure. Use the technical documentation and inflation tables which show the load and pressure figures for different operating speeds.
- Underinflation results not only in incorrect tread wear but also in ply separation and eventually further damage to the ply. Overinflation makes the tire stiff and decreases its resistance against hits, leading to ply tear.

Demounting and mounting procedures can be dangerous, and should be performed only by trained and qualified staff, using proper tools and procedures. Failure to comply with these procedures may result in faulty positioning of the tire on the rim, and cause the tire to burst with explosive force leading to serious physical injury or death.

Fitting

01. Make sure that the rim, the tire and the tube are compatible.
02. Check that the tire is suitable for the machine. Use only rims recommended or permitted by the tire manufacturer.
03. Always use the proper specialised equipment and tools.
04. The rim must be clean and in perfect condition (no damage, etc.). If necessary, clean the rim thoroughly with a wire brush. Never fit a tire onto a rim that shows cracks, significant distortion, and evidence of welded repair.
05. Thoroughly inspect the inside as well as the outside of the tire in order to identify any damage which may be present. If the damage is considered to be beyond repair, the tire should be scrapped.
06. If fitting with a tube, always use the correct new tube and flap for the tire size. For fitting tubeless tires without tubes, on tubeless rims, always use a new tubeless valve.
07. Before fitting, lubricate the rim and the beads. Use only a suitable lubricant that will not damage the tire (never use silicone or petroleum-based products).
08. We recommend vertical fitting. In case of a horizontal fitting, it is impossible to see if the lower bead is correctly seated.
09. Fit the tire on the rim diametrically opposite to the valve hole (respect, if present, the rotation direction indicated by the arrows). With the help of a suitable lever and closely repeated applications, get the first bead over the rim flange. Then pose the lightly inflated talc coated tube (if fitted) inside the tire. Locate the valve, fitting the ferrule loosely. Fit the second bead, lever it progressively over the rim flange, finish at the valve.
10. For seating the beads and centring of the tire, remove the valve core. Slowly inflate to ensure correct seating of the beads. Ensure that the beads do not pinch the tube.
11. While inflating a tire keep at a safe distance and always use a safety cage. If possible, fasten the tire to the wall or use retaining chains. During pressure readings, ensure that no part of the body is within the possible trajectory of the valve mechanism or of the caps. It is recommended to use suitable pressure limitation gauges. Use a filter and dehumidifier on the compressed air line to avoid introducing humidity or dirt. Never use a hammer to make a tire bead seat by hitting it.
12. Continue inflation. Make sure that you do not inflate beyond 2.5 bar if the beads are not well seated and centered on the wheel.
13. If the beads are not correctly seated, deflate, lubricate and inflate again. Repeat these operations until the beads are correctly seated.

14. When all the previous operations have been correctly done, refit the valve core. Set the pressure according to the load: see tables in technical databook.
15. Make sure the valves do not touch the rims, the brake drums or other fixed mechanical parts.

Removing

- Never try to unseat the beads of an inflated tire.
- Always remove the valve core.
- Let the tire deflate, check before unseating that the tire is completely deflated. Never use tools that could damage the rims or the beads of the tire.

Recommendations to extend the lifespan of a tire

Tire pressure

Correct inflation pressure is important for performance, durability, comfort and traction. It is of crucial importance for the life expectancy of your tires that you adjust the tire pressure according to usage and check it regularly. To ensure accurate measurement, the pressure gauge must be calibrated once a year. Measurement of tire inflation pressure must be done when the tires are cold. If the pressure in a warm tire is correct, then it would be too low when the tire has cooled.

Inflation pressure too low

Underinflation can reduce the lifespan due to:

- Damaged carcass cord plies, which can render the tire unusable
- Increased wear
- Carcass damage close to the bead

Road use and operation in the field

These two kinds of usages require different tire inflation pressures. Allowance has been made for this in the tire pressure graphs. Radial and crossply tires must not be used on the same axle, as this can lead to unstable handling.

Visual check

Tires must be checked regularly for damage. Incision damage can be particularly harmful to the cord tissue layers of the tread.

Oil and grease

To avoid damage to the rubber, tires should not come in contact with oil and grease.

Frost protection

To protect against frost when water ballasting, sufficient calcium chloride should be added. Please consult your supplier of calcium chloride about the right ratio.

Slippage of the tire

The following can increase the likelihood of slippage of the tire on the rim:

- Tire pressure too low
- Faulty fitting of the tire bead on the rim
- Overuse of lubricant when fitting a tire
- Wrong rim size

The minimum tire pressure for high-traction work (for example, ploughing) is 11.6 Psi when using an inner tube. A lower pressure increases the chances of the tire turning on the rim and tearing off the valve.

Direction of steering wheels on four wheel drive tractors

When fitting or changing tires ensure that the directional arrow on the sidewall is pointing forward. It is possible to fit the front tires in such a way that the tread turns against the direction of rotation on four wheel drive tractors that are primarily used for transport activities. This will extend the lifespan of the tires. Such fitting is not recommended for field activities, as it radically reduces traction and self-cleaning properties.

Transport instructions



Rim and Wheel Discs

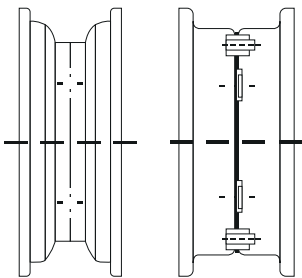
A wheel is made up of a rim and a wheel disc that are fixed to or detachable from each other and must exactly match. The rim size is of crucial importance to the tire/rim combination.

Size designations of rims

Two wheels are shown here with the associated meanings of the size indications.

Rim choice

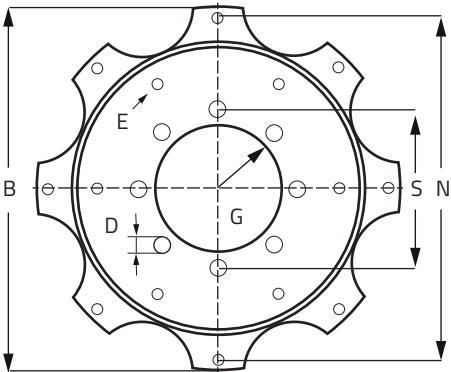
When using tubeless tires, tubeless rims should also be used. A protective flap must always be used when combining inner tubes with multipiece rims. This prevents damage to the inner tube.



Single rim	Multi-piece rim
4.00 E x 16	13 - 508
This means: 4.00 = rim width code (inches) E = rim flange height x = one piece rim 16 = rim diameter code (inches)	This means: 13 = rim width code (inches) - = rim flange height 508 = rim diameter code (inches)

The most important size indications of wheel discs are the following:

- G = diameter of the central hole
- S = pitch circle diameter of the stud holes and number of stud holes
- N = diameter cleat circle and number of cleats
- D = diameter stud hole and stud hole shape
- E = extra stud holes in case of double fitting
- B = outside diameter disc



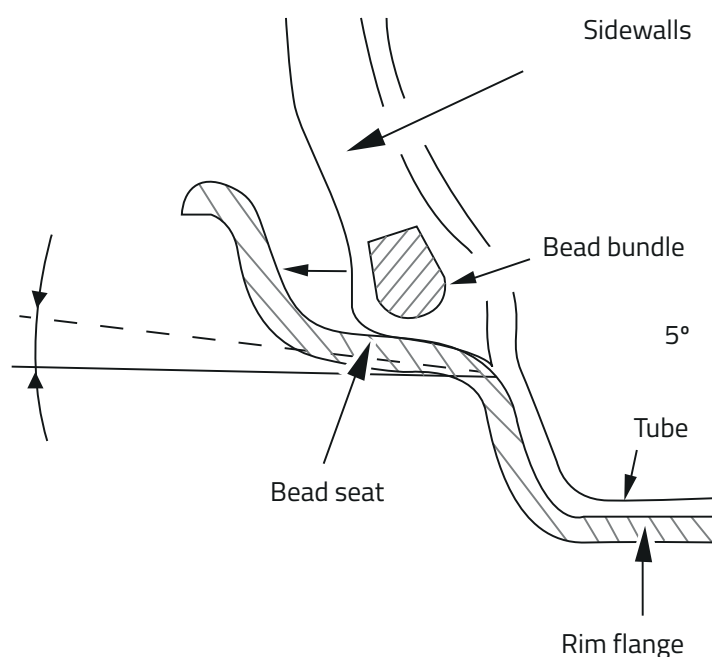
Warning

The diameter of different rim sizes may look very similar, but they're not equal as you can see in the table.

"Small" overall diameter		"Large" overall diameter	
Rim size code	Rim diameter D (mm)	Rim size code	Rim diameter D (mm)
430mm	430.9	17	436.6
15	380.2	15.3	388.3
508mm	508	20	512.8

Always use the rim stipulated

If you use a rim which is too narrow, the tread will be convex and, as is the case where tire pressure is too high, there will be excessive wear of the center of the tread. The fitting of a tire to the wrong rim can lead to highly dangerous consequences! Fitting a "large" tire (like 10.0/75-15.3) on a smaller rim (say rim size code 15) is dangerous. The tire is loose-fitting and in extreme conditions can "blow-off" the ring. Rim chafing can be the consequence. Fitting a "smaller" tire on a rim which is too large in overall diameter can also be dangerous! As the bead diameter of the tire is smaller than the base rim flange diameter, by inflating the tire, the chances of the bead breaking and the tire exploding are high.



Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	PR	Type	Page No.
1	3001010028	Tractor	15	5.00-15	TSB 110	6	TT	24
2	3001010018		16	4.50-16	TSB 111	6	TT	25
3	3001010001			5.50-16	TSB 110	6	TT	24
4	3001010032			5.00-16	TSB 111	6	TT	25
5	3001010019			5.50-16	TSB 111	6	TT	25
6	3001010002			6.00-16	TSB 110	6	TT	24
7	3001010003			6.00-16	TSB 110	8	TT	24
8	3001010020			6.00-16	TSB 111	8	TT	25
9	3001010029			6.50-16	TSB 110	6	TT	24
10	3001010021			6.50-16	TSB 111	8	TT	25
11	3001010017			7.50-16	TSB 110	8	TT	24
12	3001010022			7.50-16	TSB 111	8	TT	25
13	3001030050			8.00-16	TDB 120	10	TT	26
14	3001010005			9.00-16	TSB 110	6	TT	24
15	3001010015			10.00-16	TSB 110	10	TT	24
16	3001010027			7.50-16	TSB 110	10	TT	24
17	3001010016			11.00-16	TSB 110	10	TT	24
18	3001010008		18	7.50-18	TSB 110	8	TT	24
19	3001010023			7.50-18	TSB 111	8	TT	25
20	3001010030		19	4.00-19	TSB 110	4	TT	24
21	3001010010			6.00-19	TSB 110	6	TT	24
22	3001010024			6.00-19	TSB 111	8	TT	25
23	3001010025		20	6.50-20	TSB 111	8	TT	25
24	3001010011			7.50-20	TSB 110	8	TT	24
25	3001010026			7.50-20	TSB 111	8	TT	25
26	3001030051			8.3-20	TDB 120	6	TT	26
27	3001030052			9.5-20	TDB 120	6	TT	26
28	3001030055			11.2-20	TDB 120	8	TT	26
29	3001030001		24	8.3-24	TDB 120	8	TT	26
30	3001030002			9.5-24	TDB 120	8	TT	26
31	3001030003			11.2-24	TDB 120	8	TT	26
32	3001030004			12.4-24	TDB 120	8	TT	26
33	3001030007			13.6-24	TDB 120	8	TT	26
34	3001030009			14.9-24	TDB 120	8	TT	26
35	3001030033			14.9-24	TDB 120	12	TT	26
36	3001030014			16.9-24	TDB 120	8	TT	26
37	3001030034			16.9-24	TDB 120	12	TT	26
38	3001030056		26	14.9-26	TDB 120	10	TT	26
39	3001030057			16.9-26	TDB 120	10	TT	26
40	3001030049			23.1-26	TDB 123	12	TL	27
41	3001030024			23.1-26	TDB 123	16	TT	27
42	3001030010		28	11.2-28	TDB 120	8	TT	26
43	3001030011			12.4-28	TDB 120	8	TT	26
44	3001030012			13.6-28	TDB 120	8	TT	26
45	3001030013			14.9-28	TDB 120	8	TT	26
46	3001030015			16.9-28	TDB 120	8	TT	26

Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	PR	Type	Page No.
47	3001030058	Tractor	30	7.2-30	TDB 120	6	TT	26
48	3001030053			9.5-30	TDB 120	6	TT	26
49	3001030059			14.9-30	TDB 120	8	TT	26
50	3001030016			16.9-30	TDB 120	8	TT	26
51	3001030035			16.9-30	TDB 120	12	TT	26
52	3001030019			18.4-30	TDB 120	8	TT	26
53	3001030030			18.4-30	TDB 120	12	TT	26
54	3001030031		32	8.3-32	TDB 120	8	TT	26
55	3001030054			9.5-32	TDB 120	6	TT	26
56	3001030005			12.4-32	TDB 120	8	TT	26
57	3001030017		34	16.9-34	TDB 120	8	TT	26
58	3001030020			18.4-34	TDB 120	8	TT	26
59	3001030006		36	12.4-36	TDB 120	8	TT	26
60	3001030008			13.6-36	TDB 120	8	TT	27
61	3001030047		38	13.6-38	TDB 120	8	TT	27
62	3001030022			15.5-38	TDB 120	8	TT	27
63	3001030018			16.9-38	TDB 120	8	TT	27
64	3001030021			18.4-38	TDB 120	8	TT	27
65	3001030048			20.8-38	TDB 123	8	TT	28
66	3001050062	Implement	12	10.0/80-12	IMB 160	12	TL	35
67	3001050039		14	9.5L-14	IMB 163	8	TL	38
68	3001050040		15	7.60-15	IMB 163	10	TL	38
69	3001050025			9.5L-15SL	IMB 163	8	TL	38
70	3001050026			9.5L-15SL	IMB 163	12	TL	38
71	3001050027			11L-15SL	IMB 163	8	TL	38
72	3001050037			11L-15SL	IMB 163	12	TL	38
73	3001050029			12.5L-15SL	IMB 163	12	TL	38
74	3001050001		15.3	10.0/75-15.3	IMB 160	10	TL	35
75	3001050002			10.0/75-15.3	IMB 160	14	TL	35
76	3001050050			12.5/80-15.3	IMB 160	18	TL	35
77	3001050045			11.5/80-15.3	IMB 160	10	TL	35
78	3001050003			11.5/80-15.3	IMB 160	14	TL	35
79	3001050004			11.5/80-15.3	IMB 160	16	TL	35
80	3001050006			12.5/80-15.3	IMB 160	14	TL	35
81	3001050011			260/70-15.3	IMB 161	10	TL	36
82	3001050012			260/70-15.3	IMB 161	14	TL	36
83	3001050023			10.0/75-15.3	IMB 162	10	TL	37
84	3001050051			10.0/75-15.3	IMB 162	14	TL	37
85	3001050052			10.0/75-15.3	IMB 162	18	TL	37
86	3001050053			11.5/80-15.3	IMB 162	14	TL	37
87	3001050024			11.5/80-15.3	IMB 162	12	TL	37
88	3001050046		15.5	400/60-15.5	IMB 161	14	TL	36
89	3001050014			400/60-15.5	IMB 161	16	TL	36
90	3001050047			400/60-15.5	IMB 161	18	TL	36
91	3001050030		16	12.5L-16SL	IMB 163	14	TL	38
92	3001050015			340/55-16	IMB 161	12	TL	36

Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	PR	Type	Page No.
93	3001050041	Implement	16	340/55-16	IMB 161	18	TL	36
94	3001050044		17	380/55-17	IMB 161	10	TL	36
95	3001050016			380/55-17	IMB 161	14	TL	36
96	3001050042			380/55-17	IMB 161	18	TL	36
97	3001050017			480/45-17	IMB 161	14	TL	36
98	3001050043			480/45-17	IMB 161	18	TL	36
99	3001050018			500/50-17	IMB 161	10	TL	36
100	3001050019			500/50-17	IMB 161	14	TL	36
101	3001050020			500/50-17	IMB 161	18	TL	36
102	3001050048			19.0/45-17	IMB162	10	TL	37
103	3001050008		18	13.0/65-18	IMB 160	16	TL	35
104	3001050009			15.0/70-18	IMB 160	16	TL	35
105	3001050032			12.5/80-18	IMB 160	16	TL	35
106	3001050054		20	400/70-20	IMB 161	16	TL	36
107	3001050021			500/55-20	IMB 161	10	TL	36
108	3001050022			500/55-20	IMB 161	12	TL	36
109	3001070001	Flotation	15.5	400/60-15.5	FTB 190	14	TL	40
110	3001070007			400/60-15.5	FTB 190	16	TL	40
111	3001070010		17	500/50-17	FTB190	14	TL	40
112	3001070014			500/50-17	FTB190	18	TL	40
113	3001070012		22.5	700/40-22.5	FTB 190	16	TL	40
114	3001070002			500/45-22.5	FTB 190	16	TL	40
115	3001070003			500/60-22.5	FTB 190	16	TL	40
116	3001070004			550/45-22.5	FTB 190	16	TL	40
117	3001070008			550/45-22.5	FTB 190	20	TL	40
118	3001070005			550/60-22.5	FTB 190	16	TL	40
119	3001070009			550/60-22.5	FTB 190	20	TL	40
120	3001070006			600/50-22.5	FTB 190	16	TL	40
121	3001070015			600/55-22.5	FTB 190	16	TL	40
122	3001070011			700/50-22.5	FTB 190	16	TL	40
123	3001070013		26.5	600/55-26.5	FTB 190	16	TL	40
124	3001070016			700/50-26.5	FTB 190	16	TL	40
125	3001070017			800/45-26.5	FTB 190	16	TL	40
126	3001150001	IRRIGATION	24	11.2-24	IRB 260	6	TL	43
127	3001150002			14.9-24	IRB 260	8	TL	43
128	3001150003		38	11.2-38	IRB 260	6	TL	43
129	3001120001	AGRO INDUSTRIAL	20	405/70-20	THB 230	14	TL	45
130	3001120002		24	405/70-24	THB 230	14	TL	45
131	3001120003			15.5/80-24	THB 230	12	TL	45
132	3001120004			15.5/80-24	THB 230	16	TL	45
133	3002140003	MULTI PURPOSE INDUSTRIAL	24	13.00-24	MIB 405	12	TL	63
134	3002140001			13.00-24	MIB 405	16	TL	63
135	3002140013			13.00-24	MIB 406	14	TL	64
136	3002140014			14.00-24	MIB 406	16	TL	64
137	3002140004			14.00-24	MIB 405	12	TL	63
138	3002140002			14.00-24	MIB 405	16	TL	63

Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	PR	Type	Page No.
139	3002140009	MULTI PURPOSE INDUSTRIAL	24	400/80-24	MIB 407	20	TL	65
140	3002140010			440/80-24	MIB 407	22	TL	65
141	3002140006		25	15.5-25	MIB 405	12	TL	63
142	3002140005			15.5-25	MIB 405	16	TL	63
143	3002140011			15.5-25	MIB 406	12	TL	64
144	3002140012			17.5-25	MIB 406	16	TL	64
145	3002140007			17.5-25	MIB 405	16	TL	63
146	3002140008			20.5-25	MIB 405	16	TL	63
147	3002020013	BACKHOE LOADER	16	11L-16	BHB 313	10	TL	51
148	3002020030		18	10.5/80-18	BHB 310	12	TL	48
149	3002020015			12.5/80-18	BHB 310	12	TL	48
150				12.5/80-18	BHB 310	14	TL	48
151	3002020029		20	16.0/70-20	BHB 310	16	TL	48
152	3002020028		24	14.9-24	BHB 310	12	TL	48
153	3002020018			16.9-24	BHB 310	12	TL	48
154	3002020019			17.5L-24	BHB 310	10	TL	48
155	3002020026			18.4-24 R4	BHB 310	12	TL	48
156	3002020011			19.5L -24	BHB 312	12	TL	50
157	3002020012			21L-24	BHB 312	12	TL	50
158	3002020007		26	18.4-26	BHB 310	12	TL	48
159				18.4-26	BHB 310	14	TL	48
160	3002020010			18.4-26	BHB 311	12	TL	49
161	3002020008		28	16.9-28	BHB 310	12	TL	48
162	3002020009		30	16.9-30	BHB 310	12	TL	48
163	3002040015	SKID STEER	12	23x8.50-12	SSB 331	8	TL	54
164	3002040016		15	27x8.50-15	SSB 331	8	TL	54
165	3002040017			27x10.50-15	SSB 331	8	TL	54
166	3002040018			31x15.50-15	SSB 331	10	TL	54
167	3002040001		16.5	10-16.5	SSB 330	8	TL	53
168	3002040002			10-16.5	SSB 330	10	TL	53
169	3002040003			12-16.5	SSB 330	10	TL	53
170	3002040004			12-16.5	SSB 330	12	TL	53
171	3002040005			10-16.5	SSB 331	8	TL	54
172	3002040006			10-16.5	SSB 331	10	TL	54
173	3002040007			12-16.5	SSB 331	10	TL	54
174	3002040008			12-16.5	SSB 331	12	TL	54
175	3002040013			10-16.5	SSB 332	10	TL	55
176	3002040014			12-16.5	SSB 332	12	TL	55
177	3002040010		17.5	14-17.5	SSB 331	14	TL	54
178	3002040019		19.5	15-19.5	SSB 331	14	TL	54
179	3002070003	COMPACTOR	26	23.1-26	PCB 360	8	TL	57
180	3002070001			23.1-26	PCB 360	12	TT	57
181	3002070002			23.1-26	PCB 360	16	TT	57
182	3002070004			28L-26	PCB 360	16	TT	57
183	3002090001	EXCAVATOR	20	8.25-20	EXB 380	14	TT	59
184	3002090002			9.00-20	EXB 380	14	TL	59

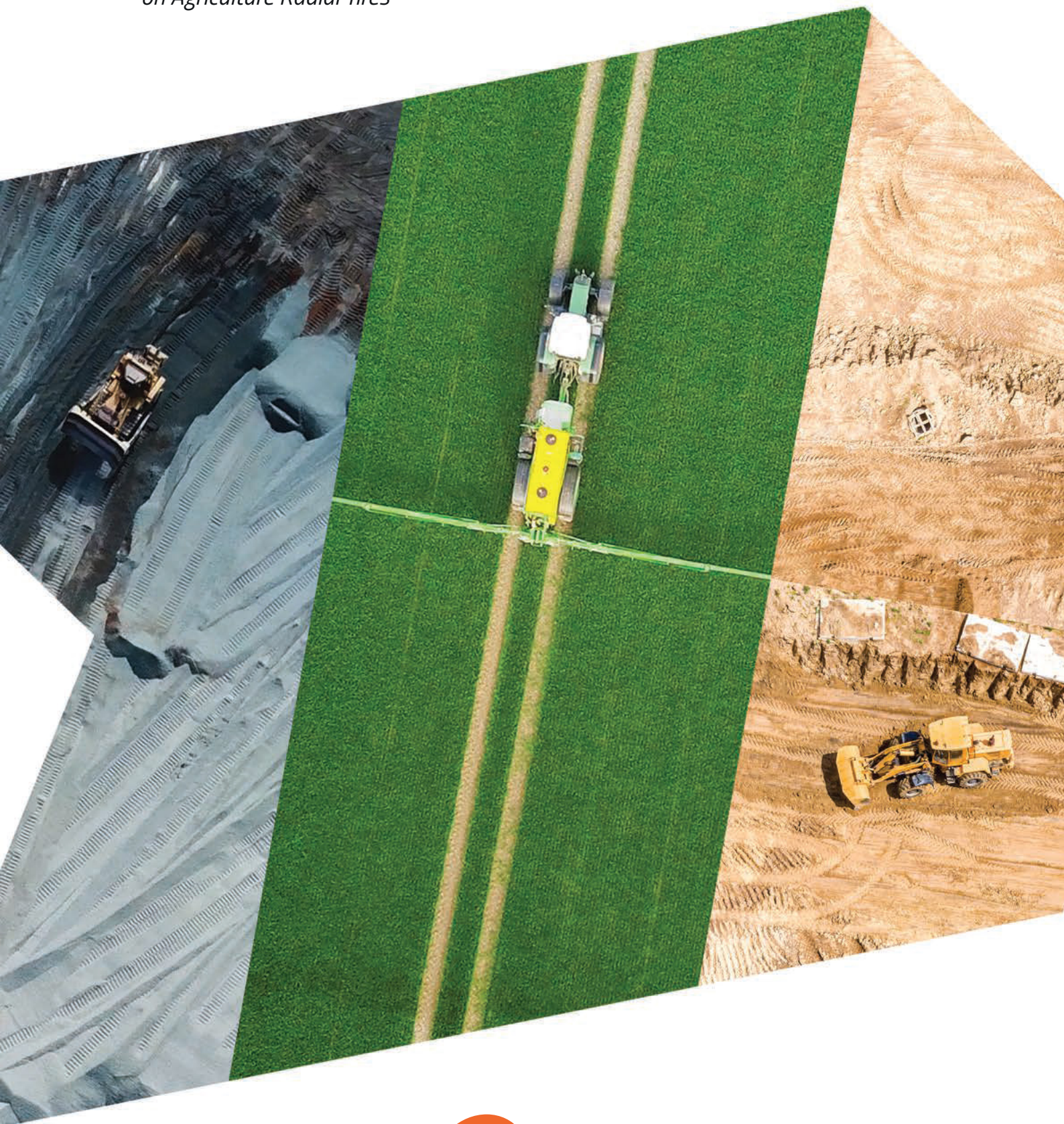
Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	PR	Type	Page No.
185	3002090003	EXCAVATOR	20	10.00-20	EXB 380	16	TL	59
186	3002090004			11.00-20	EXB 380	16	TL	59
187	3002100002		22.5	550/60-22.5	EXB 386	18	TL	60
188	3004060001	PORT	24	14.00-24	PEB 720	28	TL	69
189	3003110001	WHEEL LOADER	25	17.5-25	WLB 550	16	TL	72
190	3003110002			20.5-25	WLB 550	16	TL	72
191	3003110004			20.5-25	WLB 550	20	TL	72
192	3003110003			23.5-25	WLB 550	20	TL	72
193	3003160001	GRADER	24	13.00-24	TGB 610	12	TL	74
194	3003160003			13.00-24	TGB 610	14	TL	74
195	3003160002			14.00-24	TGB 610	12	TL	74
196	3003160004			14.00-24	TGB 610	16	TL	74
197	3005040001	FORESTRY	26	18.4-26	AFB 820	16	TL	77

Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	LI/SI	Type	Page No.
1	3001040122	TRACTOR	24	250/85R24	TDR 850	109D	TL	33
2	3001040081			280/85R24	TDR 850	115D	TL	33
3	3001040083			320/85R24	TDR 850	122D	TL	33
4	3001040087			340/85R24	TDR 850	125D	TL	33
5	3001040090			380/85R24	TDR 850	131D	TL	33
6	3001040092			420/85R24	TDR 850	137D	TL	33
7	3001040082		28	280/85R28	TDR 850	118D	TL	33
8	3001040084			320/85R28	TDR 850	124D	TL	33
9	3001040088			340/85R28	TDR 850	127D	TL	33
10	3001040091			380/85R28	TDR 850	133D	TL	33
11	3001040093			420/85R28	TDR 850	139D	TL	33
12	3001040113		30	380/85R30	TDR 850	135D	TL	33
13	3001040094			420/85R30	TDR 850	140D	TL	33
14	3001040097			460/85R30	TDR 850	145D	TL	33
15	3001040085		32	320/85R32	TDR 850	126D	TL	33
16	3001040114		34	380/85R34	TDR 850	137D	TL	33
17	3001040095			420/85R34	TDR 850	142D	TL	33
18	3001040098			460/85R34	TDR 850	147D	TL	33
19	3001040086		36	320/85R36	TDR 850	128D	TL	33
20	3001040089			340/85R36	TDR 850	132D	TL	33
21	3001040124		38	320/85R38	TDR 850	143D	TL	33
22	3001040123			340/85R38	TDR 850	133D	TL	33
23	3001040096			420/85R38	TDR 850	144D	TL	33
24	3001040099			460/85R38	TDR 850	149D	TT	33
25	3001040101			520/85R38	TDR 850	155D	TL	33
26	3001040103		42	520/85R42	TDR 850	157D	TT	33
27	3001040115			520/85R42	TDR 850	165D	TL	33
28	3001040105		46	520/85R46	TDR 850	158D	TL	33
29	3001040116			520/85R46	TDR 850	169D	TL	33
30	3001040061		24	320/70R24	TDR 700	116D	TL	31
31	3001040062			360/70R24	TDR 700	122D	TL	31
32	3001040063			380/70R24	TDR 700	125D	TL	31
33	3001040064			420/70R24	TDR 700	130D	TL	31
34	3001040065			480/70R24	TDR 700	138D	TL	31
35	3001040066		28	360/70R28	TDR 700	125D	TL	31
36	3001040067			380/70R28	TDR 700	127D	TL	31
37	3001040068			420/70R28	TDR 700	133D	TL	31
38	3001040069			480/70R28	TDR 700	140D	TL	31
39	3001040070		30	420/70R30	TDR 700	134D	TL	31
40	3001040071			480/70R30	TDR 700	141D	TL	31
41	3001040072		34	480/70R34	TDR 700	143D	TL	31
42	3001040073			520/70R34	TDR 700	148D	TL	31
43	3001040074		38	480/70R38	TDR 700	145D	TL	31
44	3001040075			520/70R38	TDR 700	150D	TL	31

Sr.No	SKU Code	Application	Rim Diameter	Tire Size	Pattern	LI/SI	Type	Page No.
45	3001040076	TRACTOR	38	580/70R38	TDR 700	155D	TL	31
46	3001040106			580/70R38	TDR 700	180D	TL	31
47	3001040125			380/80R38	TDR 800	142D	TL	32
48	3001040107		42	480/80R42	TDR 800	156D	TL	32
49	3001040079		46	480/80R46	TDR 800	158D	TL	32
50	3001040080		50	480/80R50	TDR 800	159D	TL	32
51	3001040117			480/80R50	TDR 800	165D	TL	32
52	3001040040		24	440/65R24	TDR 650	135D	TL	30
53	3001040041			480/65R24	TDR 650	140D	TL	30
54	3001040042			540/65R24	TDR 650	146D	TL	30
55	3001040043		28	480/65R28	TDR 650	142D	TL	30
56	3001040044			540/65R28	TDR 650	149D	TL	30
57	3001040045		30	540/65R30	TDR 650	150D	TL	30
58	3001040046		34	540/65R34	TDR 650	152D	TL	30
59	3001040047			600/65R34	TDR 650	157D	TL	30
60	3001040048		38	540/65R38	TDR 650	153D	TL	30
61	3001040050			600/65R38	TDR 650	159D	TL	30
62	3001040108			650/65R38	TDR 650	163D	TL	30
63	3001040109		42	650/65R42	TDR 650	165D	TL	30
64	3001040049		28	600/65R28	XLR 880	154D	TL	29
65	3001040118			600/70R28	XLR 880	161D	TL	29
66	3001040037		30	600/70R30	XLR 880	152D	TL	29
67	3001040038		38	710/70R38	XLR 880	172D	TL	29
68	3001040111			710/70R38	XLR 880	178D	TL	29
69	3001040121			800/70R38	XLR 880	178D	TL	29
70	3001040120			650/85R38	XLR 880	173D	TL	29
71	3001040119		42	620/70R42	XLR 880	166D	TL	29
71	3001040112			710/70R42	XLR 880	173D	TL	29
73	3001040126			710/75R42	XLR 880	175D	TL	29
74	3001080011	FLOTATION	22.5	560/45R22.5	FTR 170	152D	TL	41
75	3001080010			560/60R22.5	FTR 170	164D	TL	41
76	3001080015		26.5	710/50R26.5	FTR 170	170D	TL	41
77	3001080013			600/55R26.5	FTR 170	165 D	TL	41
78	3001080014			650/55R26.5	FTR 170	170D	TL	41
79	3002160001	MULTI PURPOSE INDUSTRIAL	24	460/70R24	MIR 220	159A8/B	TL	66
80	3002160002			500/70R24	MIR 220	164A8/B	TL	66
81	3002160005		26	480/80R26	MIR 220	167A8/B	TL	66
82	3002160006		28	440/80R28	MIR 220	156A8/B	TL	66

DRIVE ON **7**^{★★★★★★}**YEAR** WARRANTY

on Agriculture Radial Tires



 **ASCENSO**
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Ascenso International Warranty Policy for Agriculture Radial Tires

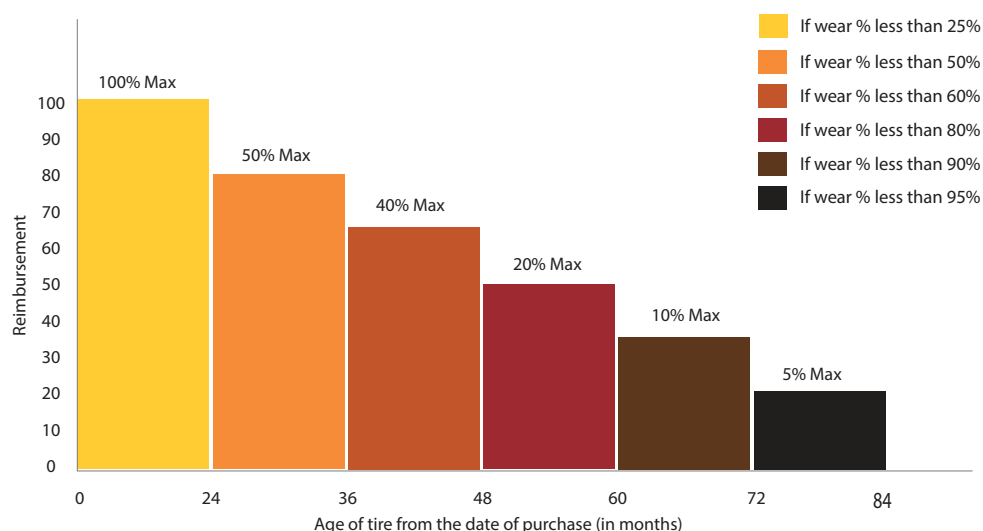
This limited warranty covers ASCENSO branded Agriculture Radial tires that are sold in the USA and Canada Markets, are manufactured on or after April 1, 2020 and meet the following criteria:

1. Tires that bear the name ASCENSO and the complete week codes, molded on the sidewall.
2. Products with at least 2 (32nds) of tread remaining.
3. The replacement percentage will be multiplied by the original purchase price of the tire (excluding any taxes or duties) to determine the amount of reimbursement to be applied. Such reimbursement must be applied towards the purchase price of the replacement tire in effect at the time of adjustment.
4. Tires that are not more than 7 years old. The years will be counted from the date of invoice (dealer's invoice to the end user) or from the month of production in case of non-availability of an invoice.
5. Tires that were used strictly in accordance with the recommendations of the applicable vehicle manufacturer and ASCENSO standard maintenance and safety recommendations, in normal agricultural service.
6. Defects established by ASCENSO personnel will only qualify for warranty and it will cease once the tires are repaired.
7. The customer will be responsible for all other charges including taxes, mounting, field service and other charges such as applicable freight.
8. The age of a tire will be determined by a sales invoice showing the date of purchase. If a proof of purchase is not available, the age of a tire will be determined from the date of manufacture, molded on the sidewall.
9. This warranty coverage is for tires used in normal applications and any use outside specifications automatically voids this warranty.
10. All adjusted tires will be disabled, and their week codes will be removed. The customer will be responsible for disposal of the adjusted tires.
11. If a tire in normal agricultural services becomes unserviceable within the time or tread-wear periods shown below, it will be replaced with a comparable new ASCENSO tire according annexure A mentioned below

Scope of warranty

Annexure-A

The limited warranty is available within certain age limits i.e. within certain number of month(s) from production or sale. Any adjustment will be based on the remaining tread depth or services life whichever is less, this warranty policy covers product described under the eligibility criteria.



* If a tire's purchase month or service cannot be accurately determined, then the date of manufacture will be considered for replacement.

* Agriculture Tires include Tractor Radial, Flotation Radial and Agro Industrial Radials.

* If the tire wear is more than above mentioned for each period, % credit will be calculated on pro-rata basis of the remaining tread depth.

Field Hazard / Stubble Damage Policy

For stubble damage claims, the percentage of allowance will be based on the manufacture's evaluation of the fulfillment of the customer's obligations for stubble damage warranty as set out below. If a Tire running under normal agricultural service becomes completely unserviceable and non-repairable due to field hazard or stubble damage, the Customer will receive a replacement credit towards the purchase of a replacement tire equal to the % shown below:

Period	Tire Tread Depth Remaining	% Credit Allowance
up to 12 months	75 % or more	Up to 75%
up to 24 months	50 % or more	Up to 50%
up to 36 months	25% or more	Up to 25%
No credit allowed after 36 months or less than 25% tread depth remaining		

Limitations

1. This limited warranty is applicable to the original purchaser and is not assignable to any subsequent owner.
2. Any tire, no matter how well manufactured, may fail in service or become unserviceable due to conditions beyond our control.
3. This limited warranty is under no circumstances a representation that a tire failure cannot occur.
4. No ASCENSO dealer, agent, or representative has the authority to make any representation, promise, or agreement which, in any way, varies, alters or enhances the terms of this warranty.
5. This warranty ceases once the tires are repaired.

Failures not covered

This warranty does not cover:

1. Damage resulting from misuse, improper mounting, misapplication, use of non-approved rims, improper inflation, improper repair, overloading, running on a flat tire, misalignment or imbalance of wheels/rims, defective brakes or shock absorbers, abuse, wilful damage, oil, chemical reaction, fire or other externally-generated heat, use of studs, water or other materials trapped inside the tire.
2. Claims for irregular or rapid tread-wear
3. Full service rendered, repaired or retread tires
4. Any modifications to the tire (like added buttress shoulders, retreading, regrooving)

Any material added to the tire (like tire fill, sealer, balancer) is not covered by this limited warranty and will not be compensated for under the provisions of this warranty.

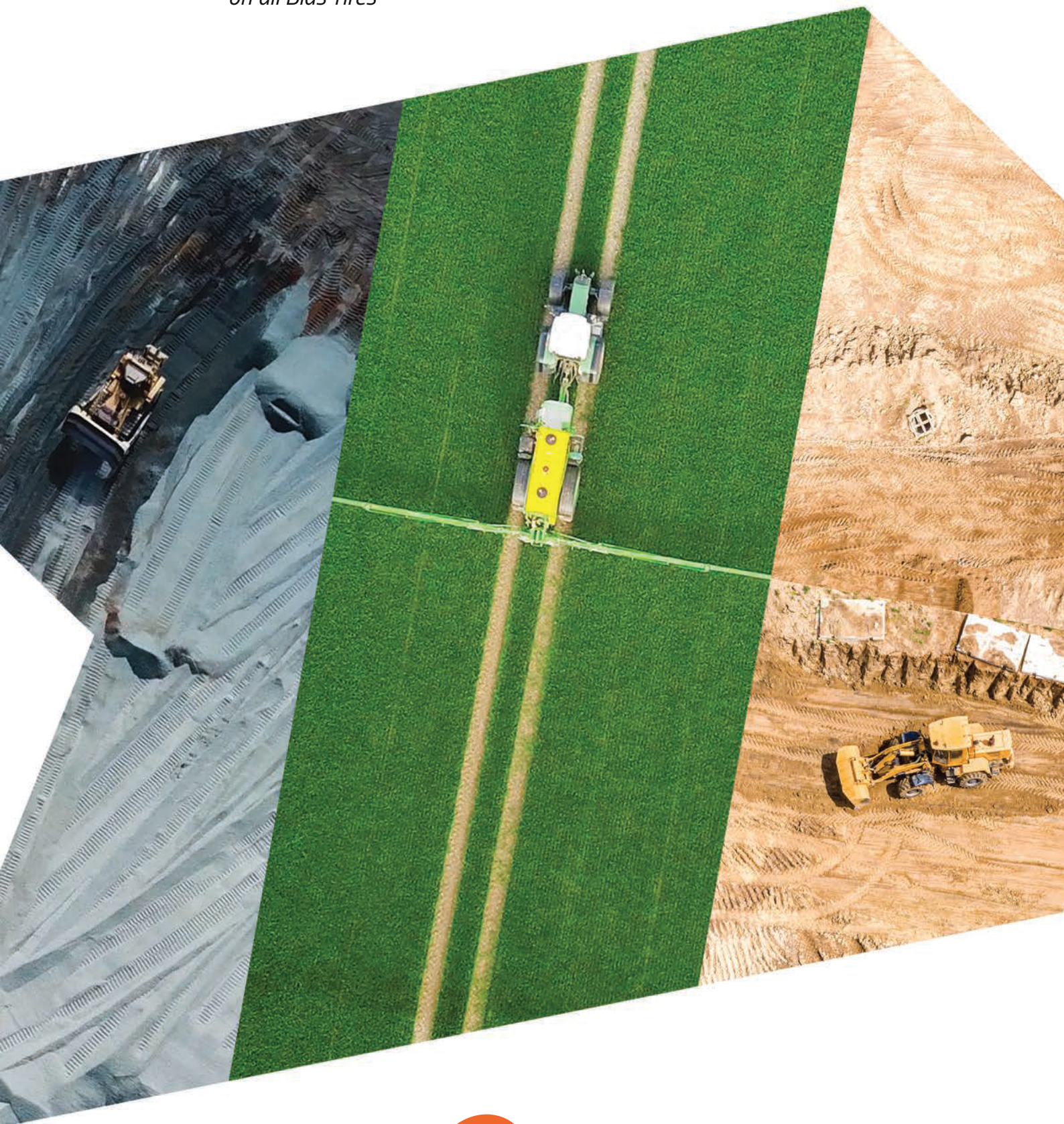


Disclaimer & right to change the policy

When detailed information and/or decisions are required in order to implement/ interpret this policy, Ascenso can add and/or change such detailed information and/or decisions to this policy as "conditions" at any time. Ascenso reserves the right to change policy term and conditions from time to time at its sole direction.

DRIVE ON **5^{★★★★★} YEAR** **WARRANTY**

on all Bias Tires



 **ASCENSO**
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Ascenso International Warranty Policy for all Bias tires

Limited warranty

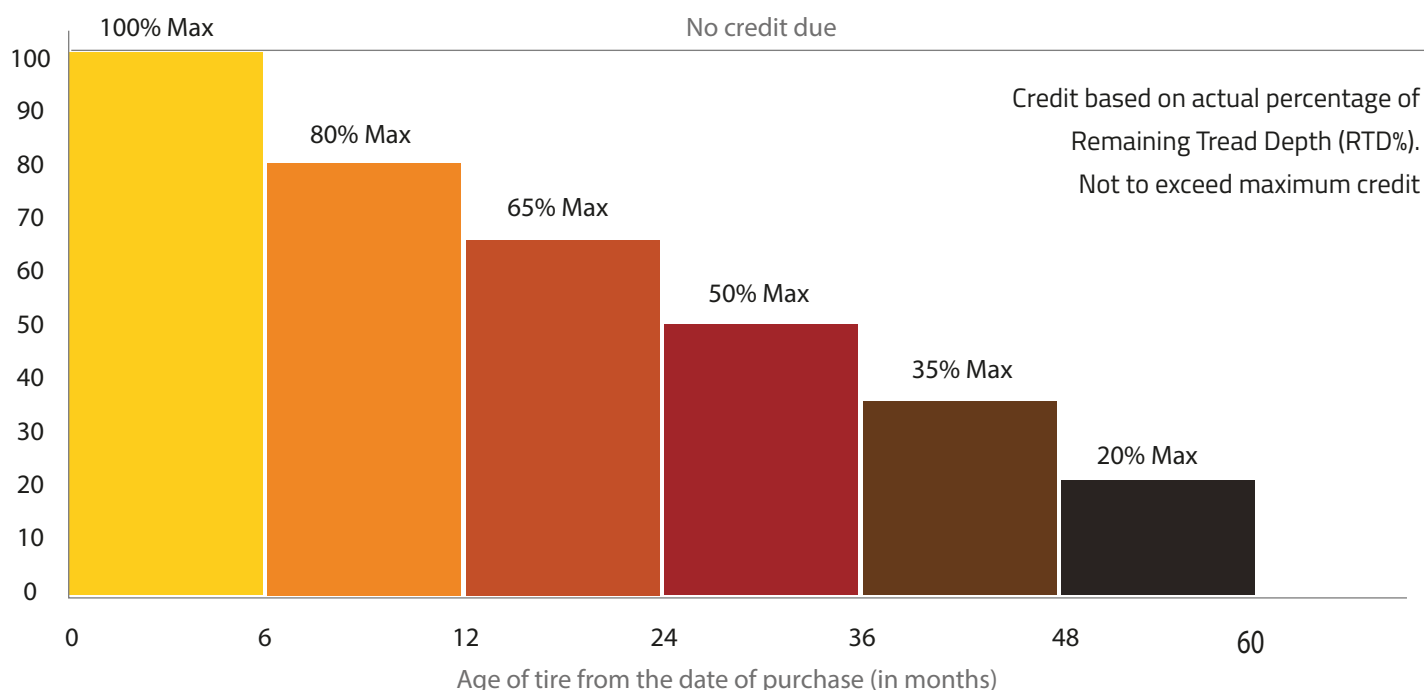
This limited warranty covers ASCENSO branded Bias tire that are sold in the USA and Canada Markets, are manufactured on or after April 1, 2020 and meet the following criteria:

Eligibility

- Every tire bearing the name ASCENSO and with a complete week codes molded in the sidewall is warranted to be free from manufacturing defects within the manufacturer's control.
- Products with at least 2 (32nds) of tread remaining.
- The replacement percentage will be multiplied by the original purchase price of the tire (excluding any taxes or duties) to determine the amount of reimbursement to be applied. Such reimbursement must be applied towards the purchase price of the replacement tire in effect at the time of adjustment.
- All adjusted tires will be disabled, and the week codes will be removed. The customer is responsible for the disposal of all adjusted tires.
- This warranty coverage is for tires used within published design specifications for ASCENSO tires. Any use outside such specifications automatically voids the warranty. Please consult ASCENSO data books or maintenance manuals for design specifications.
- This warranty does not apply to used or 'NA' (not adjustable) tires.
- If an examination by an authorized ASCENSO representative shows that any such tire failed as a result of manufacturing defects, either it will be, at the option of ASCENSO, repaired at no charge or a reimbursement will be issued towards the purchase price of a replacement tire being comparable with the ASCENSO product. This reimbursement will be determined by applying the lesser of the percentage of remaining tread depth (RTD%) and the maximum age-based reimbursement shown in the graph displayed below.

Bias Agriculture, Industrial & Earthmover tires:

amount of credit to customer for manufacturing defects



Time period

This warranty applies to a maximum period of 5 years (60 months) from the date of purchase of a tire. If no invoice or documentation of the purchase can be provided, the date of manufacture will be used to determine the warranty.

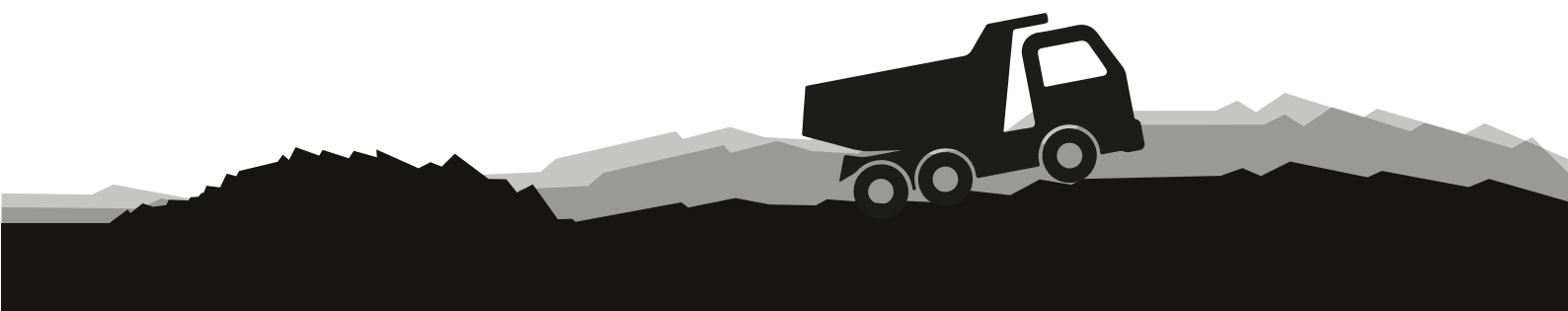
Limitations

- This limited warranty is applicable to the original purchaser and is not assignable to subsequent purchasers.
- No ASCENSO dealer, agent, or representative has the authority to make or imply any representation, promise or agreement which in any way varies or extends the terms of this warranty.
- Any tire, no matter how well manufactured, may fail in service or become unserviceable due to conditions beyond the control of the manufacturer.
- This limited warranty is under no circumstances a representation that a tire failure cannot occur.
- To the extent that the provisions of any applicable legislation expressly replace, eliminate, amend or prohibit any term or terms contained herein, such term or terms shall be accordingly replaced, eliminated, amended or extended, as the case may be, in accordance with such legislation.

Limited warranty exclusions

All tire warranties are subject to the following exclusions:

1. Tires purchased after 60 months from the date of manufacture.
2. Tires for which alternative warranties or guarantees have been negotiated.
3. Tires used under chains. ASCENSO does recognize that in many applications tire chains provide enhanced tire protection and may extend the tire life. In these cases, ASCENSO may extend special negotiated warranties. Please consult your ASCENSO Off Road Tire Division representative for details.
4. Damage resulting from misuse, improper mounting, misapplication, use of non-approved rims, improper inflation, overloading, running on a flat tire, misalignment or imbalance of wheels/rims, defective brakes or shock absorbers, abuse, wilful damage, oil, chemical action, fire or other externally-generated heat, use of studs, water or other material trapped inside the tire, vehicle damage or road hazards (such as rock cuts, punctures, cut separations, impacts, flex breaks).
5. Claims for irregular wear or rapid tread wear.
6. Any tire which is operated above its ton-mile-per hour (TMPH) or ton-kilometre-per hour (TKPH) rating.
7. Tires mounted with non-approved tubes or O-rings.
8. Used, repaired or retread tires.
9. Any modifications to the tire (like added buttress shoulders, regrooving, relugging).
10. Any material added to the tire (like tire fill, sealer, balancer).
11. Use of a solid type fill (such as urethane).



Limited warranty exclusions

12. Any costs associated with the repair of tires (unless previously approved by ASCENSO).
13. Costs of mounting and balancing following pro-rated replacement or repair of tires or tubes, and applicable federal, state, provincial, and local taxes.
14. Cost of disposal of warranted tires. Disposal of tires is the sole responsibility of the customer.
15. All other warranties, including the implied warranties of merchantability and fitness for a particular purpose, are expressly disclaimed to the extent permitted by law.
16. All obligations or liabilities for indirect, incidental, punitive or consequential damage are hereby excluded to the extent permitted by law, including economic loss, loss of profit, loss of use of vehicle, loss of time, personal injury or death.

Some jurisdictions do not allow limitations in how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages; so the above limitations or exclusions may not apply to you.

To obtain the warranty service:

1. Contact an authorized ASCENSO dealer or representative. Please be prepared to provide a proof of purchase of the product and a purchase date.
2. The authorized dealer or representative will contact ASCENSO to arrange the inspection of the tire in question and processing of your claim. The dealer has no authority or responsibility to make the determination as to eligibility for coverage under this warranty.



Disclaimer & right to change the policy

When detailed information and/or decisions are required in order to implement/ interpret this policy, Ascenso can add and/or change such detailed information and/or decisions to this policy as "conditions" at any time. Ascenso reserves the right to change policy term and conditions from time to time at its sole direction.



Our philosophy to conserve and protect natural resources
for future generations through environmental stewardship



Mahansaria Tyres Pvt. Ltd.
612, 6th Floor, Maker Chambers IV, Nariman Point,
Mumbai 400021, Maharashtra, India
T: +91 22 4348 1600
E: enquiry@ascensotyres.com
W: www.ascensotyres.com



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