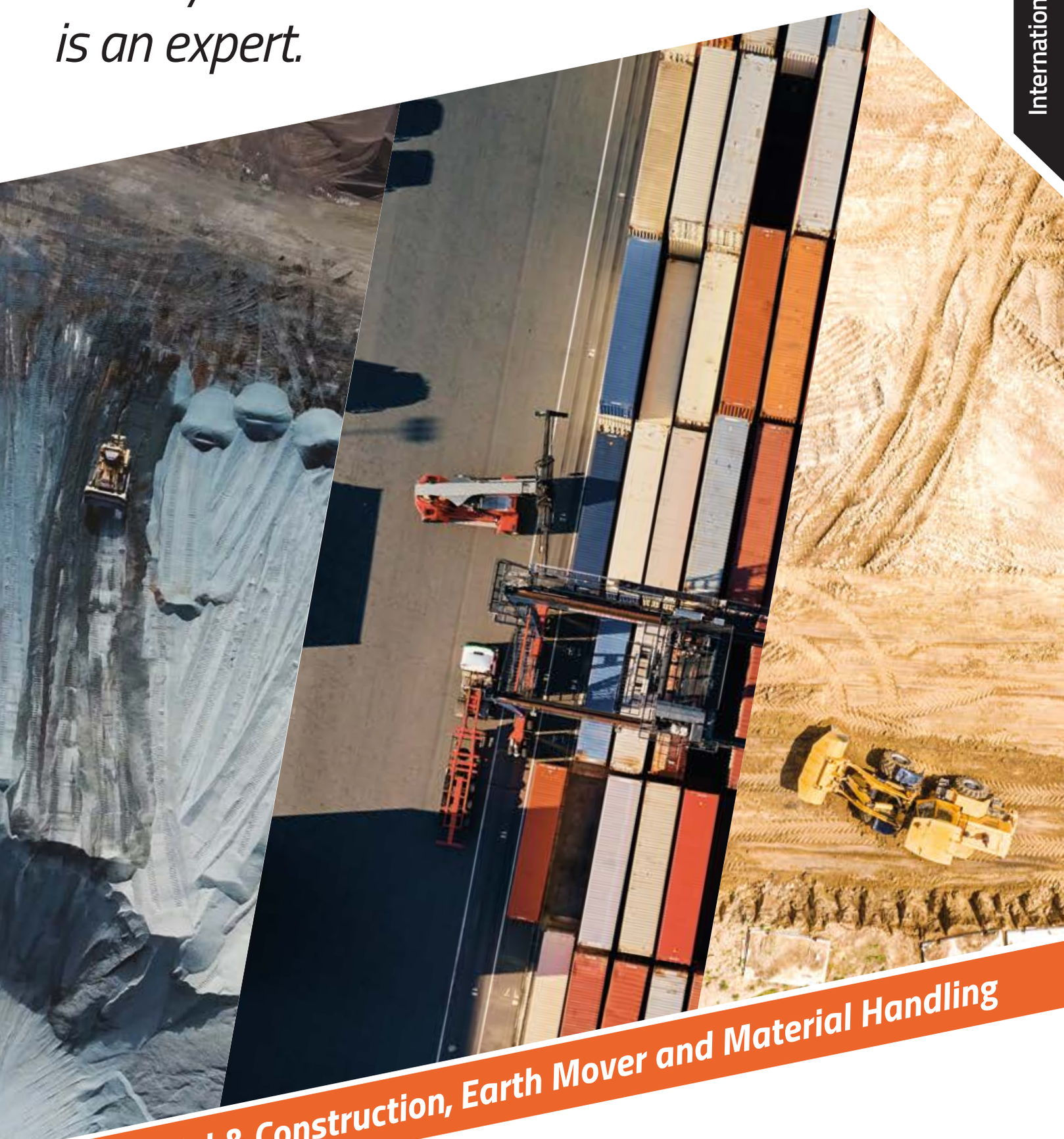
The journey becomes easy when your co-traveller is an expert.

International Range



Industrial & Construction, Earth Mover and Material Handling

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 tyres.

Designed keeping in mind absolutely everything: vehicle types, terrain, weather conditions and category needs. Our expertise comes from our vast experience in the tyre business.

We have a total experience of about three decades in the off-highway tyre business. Ascenso is our third off-highway tyre venture, after having launched two successful off-highway tyre 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
- Tyres for specific application
- Consistent quality

Our Core Values

Ownership

Respect

Agility

Never give up

Go getter, go together

Empathetic

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BIAS

Compact Loader

RADIAL

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BIAS

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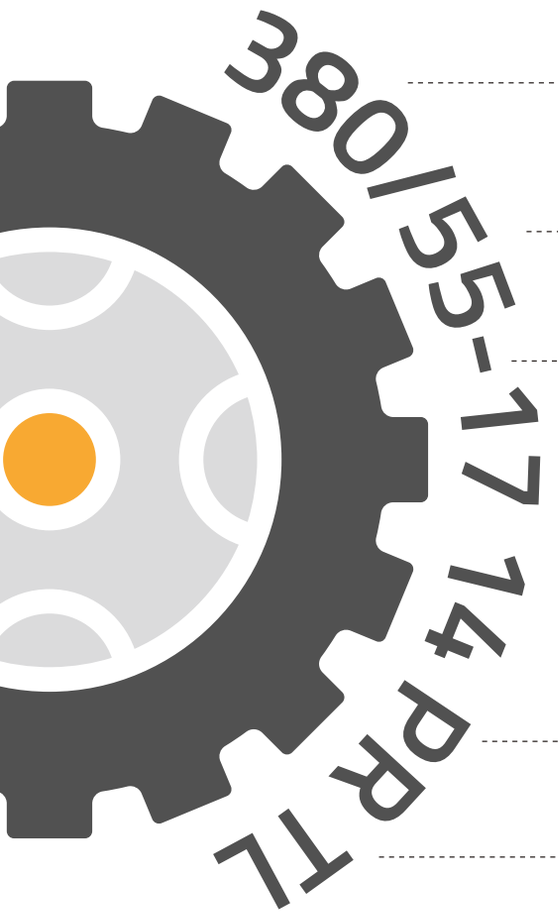
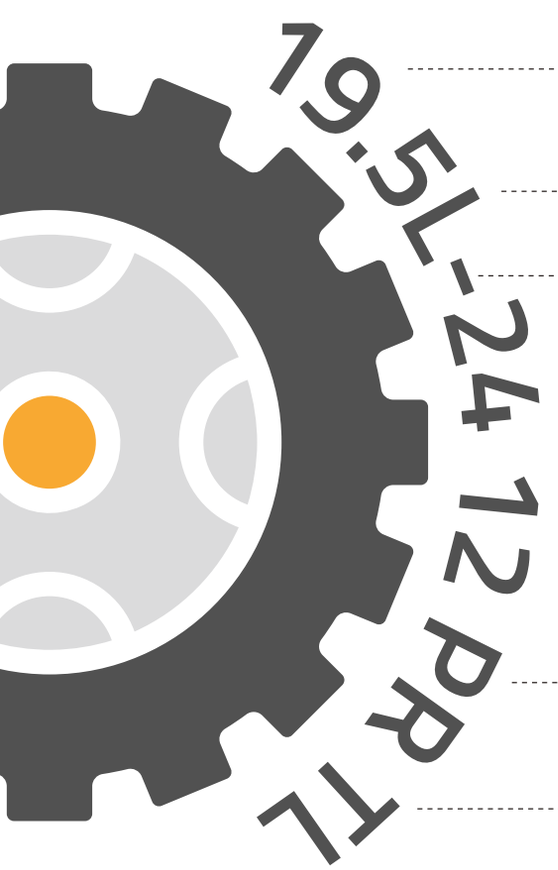
4. Tyre Size Markings

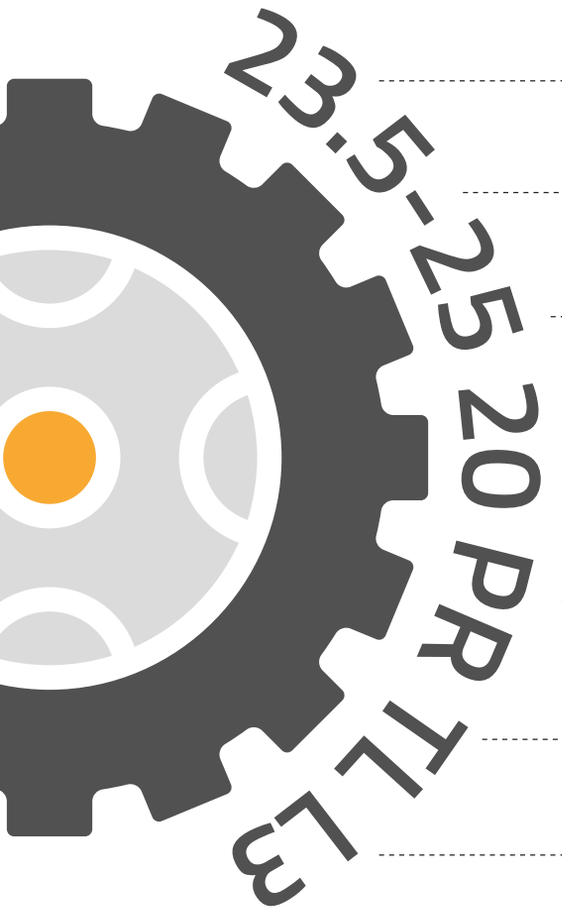


- **Nominal Section Width** (in mm)
- **Aspect Ratio (SH/SW) in %**
- **Type Construction (Bias)**
- **Nominal Rim Diameter** (in inches)
- **Ply Rating**
- **Tubeless**

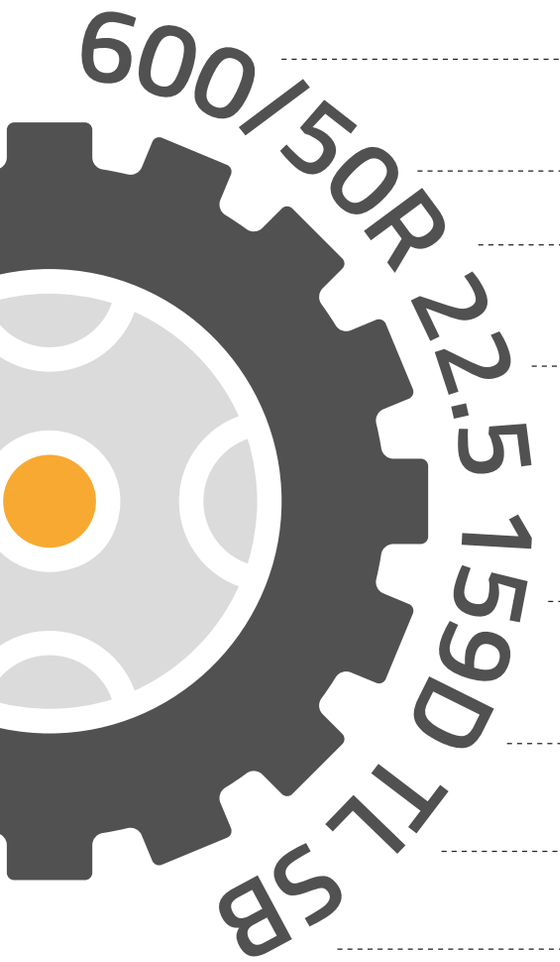


- **Nominal Section Width** (in inches)
- **Reduced Aspect Ratio**
- **Type Construction (Bias)**
- **Nominal Rim Diameter** (in inches)
- **Ply Rating**
- **Tubeless**

4. Tyre Size Markings

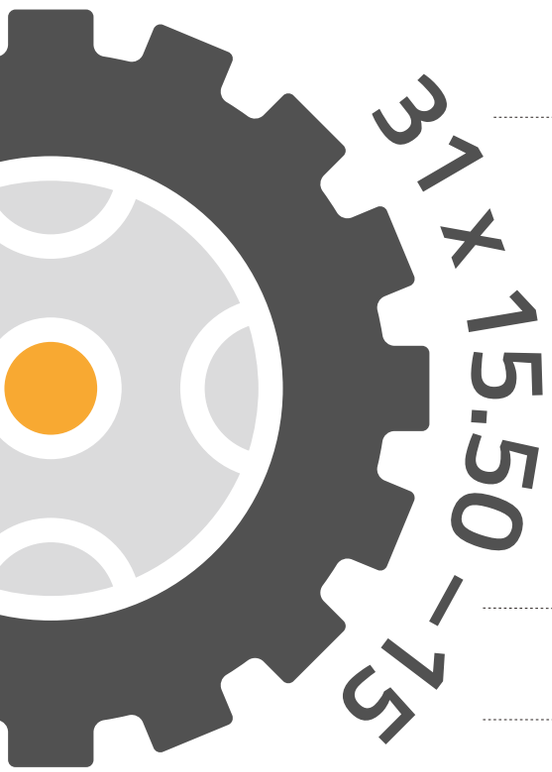


- **Nominal Section Width** (in inches)
- **Type Construction (Bias)**
- **Nominal Rim Diameter** (in inches)
- **Ply Rating**
- **Tubeless**
- **T&RA Code**



- **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**

4. Tyre Size Markings



Overall diameter
(in inches)

Nominal section width
(in inches)

Cross-ply construction

Nominal Rim Diameter
(in inches)

5. Load Index and Speed Symbols

ASCENSO

According to ETRTO (The European Tyre 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
50	190/419
51	195/430
52	200/441
53	206/454
54	212/467
55	218/481
56	224/494
57	230/597
58	236/520
59	243/536
60	250/551
61	257/567
62	265/584
63	272/600
64	280/617
65	290/639
66	300/662
67	307/667
68	315/695
69	325/717
70	335/739
71	345/761
72	355/783
73	365/805
74	375/827
75	387/853
76	400/882
77	412/908
78	425/937
79	437/964
80	450/992
81	462/1019
82	475/1047
83	487/1074
84	500/1103
85	515/1136
86	530/1169
87	545/1202
88	560/1235
89	580/1279

Load Index	Load Kg / lbs
90	600/1323
91	615/1356
92	630/1389
93	650/1433
94	670/1477
95	690/1521
96	710/1566
97	730/1610
98	750/1654
99	775/1709
100	800/1765
101	805/1820
102	850 / 1874
103	875 / 1929
104	900 / 1984
105	925 / 2039
106	950 / 2094
107	975 / 2149
108	1000 / 2205
109	1030 / 2271
110	1060 / 2337
111	1090 / 2403
112	1120 / 2469
113	1150 / 2535
114	1180 / 2601
115	1215 / 2679
116	1250 / 2756
117	1285 / 2833
118	1320 / 2910
119	1360 / 2998
120	1400 / 3086
121	1450 / 3197
122	1500 / 3307
123	1550 / 3417
124	1600 / 3527
125	1650 / 3638
126	1700 / 3748
127	1750 / 3858
128	1800 / 3968
129	1850 / 4078

Load Index	Load Kg / lbs
130	1900 / 4189
131	1950 / 4299
132	2000 / 4409
133	2060 / 4541
134	2120 / 4670
135	2180 / 4806
136	2240 / 4938
137	2300 / 5071
138	2360 / 5203
139	2430 / 5357
140	2500 / 5511
141	2575 / 5677
142	2650 / 5842
143	2725 / 6007
144	2800 / 6173
145	2900 / 6393
146	3000 / 6614
147	3075 / 6779
148	3150 / 6944
149	3250 / 7165
150	3350 / 7385
151	3450 / 7606
152	3550 / 7826
153	3650 / 8047
154	3750 / 8267
155	3875 / 8543
156	4000 / 8818
157	4000 / 8818
158	4250 / 9369
159	4375 / 9645
160	4500 / 9921
161	4625 / 10196
162	4750 / 10472
163	4875 / 10747
164	5000 / 11023
165	5150 / 11354
166	5300 / 11684
167	5450 / 12015
168	5600 / 12346
169	5800 / 12787

Load Index	Load Kg / lbs
170	6000 / 13228
171	6150 / 13558
172	6300 / 13889
173	6500 / 14330
174	6700 / 14771
175	6900 / 15212
176	7100 / 15653
177	7300 / 16093
178	7500 / 16534
179	7750 / 17086
180	8000 / 17637
181	8250 / 18188
182	8500 / 18739
183	8750 / 19290
184	9000 / 19841
185	9250 / 20392
186	9500 / 20944
187	9750 / 21495
188	10000 / 22046
189	10300 / 22707
190	10600 / 23369
191	10900 / 24030
192	11200 / 24691
193	11500 / 25353
194	11800 / 26014
195	12150 / 26786
196	12500 / 27557
197	12850 / 28329
198	13200 / 29101
199	13600 / 29982
200	14000 / 30864
201	14500 / 31966
202	15000 / 33069
203	15500 / 34171
204	16000 / 35273
205	16500 / 36376
206	17000 / 37478
207	17500 / 38580
208	18000 / 39683
209	18500 / 40790

Speed Symbol	Kmph / mph
A1	5 / 3
A2	10 / 6
A3	15 / 9
A4	20 / 12
A5	25 / 16
A6	30 / 19
A7	35 / 22
A8	40 / 25
B	50 / 31
C	60 / 37
D	65 / 40
E	70 / 44
F	80 / 50
G	90 / 56
J	100 / 62
K	110 / 68
L	120 / 75
M	130 / 81
N	140 / 87
P	150 / 93
Q	160 / 99
R	170 / 106
S	180 / 112

6. Tyre Sidewall Markings

7. Product Nomenclature

Application	Category	Cat Code	Radial/ Bias	Design Number	Product Name
Industrial & Construction	BACHOE LOADER	BH	B	310	BHB 310
	BACHOE LOADER	BH	B	311	BHB 331
	BACHOE LOADER	BH	B	312	BHB 312
	BACHOE LOADER	BH	B	313	BHB 313
	BACHOE LOADER	BH	B	314	BHB 314
	BACHOE LOADER	BH	B	315	BHB 315
	BACHOE LOADER	BOSS BH	B	30	BOSS BH 30
	BACHOE LOADER	BOSS BH	B	31	BOSS BH 31
	BACHOE LOADER	BOSS BH	B	32	BOSS BH 32
	BACHOE LOADER	BOSS BH	B	33	BOSS BH 33
	COMPACT LOADER	CL	R	280	CLR280
	SKID STEER	SS	B	330	SSB 330
	SKID STEER	SS	B	331	SSB 331
	SKID STEER	SS	B	332	SSB 332
	SKID STEER	SS	B	333	SSB 333
	PAVING & COMPCTOR	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
	MULTI PURPOSE INDUSTRIAL	MI	R	221	MIR 221
	MULTI PURPOSE INDUSTRIAL	MP	B	400	MPB 400
	MULTI PURPOSE INDUSTRIAL	MP	B	401	MPB 401
	MULTI DRIVE	MD	R	1000	MDR 1000
	BOOMLIFT	BL	B	730	BLB 730
Material Handling	FORKLIFT	FL	B	680	FLB 680
	FORKLIFT	FL	B	681	FLB 681
	PORT	PE	B	720	PEB 720
	PORT	PE	B	721	PEB 721
	PORT	PE	B	722	PEB 722
	PORT	PE	B	723	PEB 723
Earth Mover	MINING & LOGGING	BOSS ML	B	35	BOSS ML 35
	MINING & LOGGING	BOSS ML	B	36	BOSS ML 36
	MINING & LOGGING	ML	B	460	MLB 460
	WHEEL LOADER	WL	B	550	WLB 550
	GRADER	TG	B	610	TGB 610
	MOTOR GRADER	TG	B	60	BOSS TG 60

8. Abbreviation

SR No.	Abbreviation	Fullform
1	(SH/SW)	(Section Height/Section Width)
2	PR	Ply rating
3	TRA	Tyre and Rim association
4	VF	Very-High Flexion
5	HD	Heavy Duty
6	SB	Steel Belted
7	SG	Stubble Guard
8	SL	Standard Load
9	DB	Dual Bead
10	CR	Cut Resistant
11	kg / lbs	kilogram/ Pound
12	kmph	kilometre per hour
13	mph	miles per hour
14	LI/SI	Load Index/Speed Index
15	2WD	2-wheel drive
16	4WD	4-wheel drive
17	OD	Overall Diameter
18	Psi	Pound per square inch
19	SLR	Static loaded Radius
20	FR	Free Rolling
21	DW	Drive Wheel
22	kPa	kilo Pascal
23	RC	Rolling Circumference
24	Cat Code	Category Code
25	TT	Tube Type
26	TL	Tube Less
27	Rec.	Recommended
28	Alt.	Alternate
29	V	Value Plus

Industrial & Construction

Backhoe Loader

BHB 310 - [R-4] [TL]

Backhoe Loader

ASCENSO

Robust Tread Design:

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

Strong Nylon Carcass:

Safeguards the tyre against failures

Thick Under Tread:

Ensures protection from cuts and punctures

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm	mm	mm	mm		Bar	40	50
		in	in	in	in		Psi	25	31
400/70-20	13	275	885	405	2647	16 PR 149 A8	4	3250	-
		10.8	34.8	15.9	104.2		59	7160	-
14.9-24	W13	378	1241	565	3712	12 PR 145 A8	2.9	2900	-
		14.8	48.8	22.2	146.1		43	6390	-
16.9-24	W15L	429	1309	594	3915	12 PR 149 A8	2.6	3250	-
		16.9	51.5	23.4	154.1		38	7160	-
17.5L-24	W15L	445	1241	566	3712	10 PR 144 A8	2.2	2800	-
		17.5	48.9	22.3	146.1		32	6170	-
18.4-24	W16L	467	1375	621	4113	12 PR 155 A8	2.5	3875	-
		18.4	54.1	24.4	161.9		37	8540	-
18.4-26	W16L	467	1426	647	4265	12 PR 156 A8	2.5	4000	-
		18.4	56.1	25.5	167.9		37	8810	-
18.4-26	W16L	467	1426	647	4265	14 PR 159 A8	2.9	4375	-
		18.4	56.1	25.5	167.9		43	9640	-
16.9-28	W15L	429	1410	644	4218	12 PR 152 A8	2.6	3550	-
		16.9	55.5	25.4	166.1		38	7820	-
16.9-30	W15L	429	1461	670	4370	12 PR 153 A8	2.7	3650	-
		16.9	57.5	26.4	172		40	8040	-
10.5/80-18	W9	404	1074	487	3212	12 PR 123 B	4.9	-	1550
		15.9	42.2	19.1	126.4		79	-	3410

Size	Rim	mm	mm	mm	mm		Bar	Static	10	20	25	30	40	Bar	Static	10	20	25	30	40
		in	in	in	in		Psi		6	12	16	19	25	Psi		6	12	16	19	25
12.5/80-18	9	308	987	448	2952	12 PR 142 A8 129 A8	3.7	4260	2310	2020	1960	1920	1850	3.7	6100	3310	2890	2810	2760	2650
		12.1	38.9	17.6	116.2		54	9380	5090	4450	4320	4230	4070	54	13440	7290	6370	6190	6080	5840
12.5/80-18	9	308	987	448	2952	12 PR 142 A8 129 A8	4.3	4600	2500	2180	2120	2080	2000	4.3	6670	3630	3160	3070	3020	2900
		12.1	38.9	17.6	116.2		62	10130	5510	4800	4670	4580	4410	62	14670	8000	6960	6760	6650	6390

BHB 310 HD - [R-4] [TL]

Backhoe Loader

ASCENSO

Robust Tread Design:

- Higher radial stiffness to reduce deflection in tyres enhances mobility
- Ideal mixed surfaces with heavy-duty serives

Strong Nylon Carcass:

- Helps to carry higher load, protects against sudden shock

Improved Compound:

- Which performs well in higher temperature application

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	40
		in	in	in	in		Psi	25
16.9-24 HD	W15L	429	1309	594	3915	12PR 149 A8	2.6	3250
		16.9	51.5	23.4	154.1		38	7160
18.4-26 HD	W16L	467	1426	647	4265	12PR 156 A8	2.5	4000
		18.4	56.1	25.5	167.9		37	8810
16.9-28 HD	W15L	429	1410	644	4218	12PR 152 A8	2.6	3550
		16.9	55.5	25.4	166.1		38	7820

Size	Rim	Unloaded Dimensions		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)						Inflation Pressure	Recommended load, kg (lbs)					
								Speed, km/h (mph)							Speed, km/h (mph)					
		SW	OD					Drive Wheel							Free Wheel					
		mm	mm	mm	mm		Bar	Static	10	20	25	30	40	Bar	Static	10	20	25	30	40
		in	in	in	in		Psi		6	12	16	19	25	Psi		6	12	16	19	25
12.5/ 80-18 HD	9	308	987	448	2952	14 PR 145 A8 132 A8	3.7	4260	2310	2020	1960	1920	1850	3.7	6100	3310	2890	2810	2760	2650
		12.1	38.9	17.6	116.2		54	9380	5090	4450	4320	4230	4070	54	13440	7290	6370	6190	6080	5840

Note: HD- Heavy Duty

BHB 311 - [IND] [TL]

Backhoe Loader

ASCENSO

Robust Lug Design:
Combination of robust lugs used in industrial applications & good self-cleaning properties

Flat and Wider Tread:
Excellent stability during vehicle operation

Special Tread Compound:
Ensures longer tyre life

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)			
								Speed, km/h (mph)			
		SW	OD					Agricultural Use-Field	Agricultural Use-Road Transport		
		mm	mm	mm	mm		Bar	10	20	30	40
		in	in	in	in		Psi	6	12	19	25
18.4-26	16	467	1450	656	4337	12 PR 156 A8	2.5	5000	4360	4160	4000
		18.4	57.1	25.8	170.7		36	11010	9600	9160	8810

BHB 312 - [R-4] [TL]

Backhoe Loader

ASCENSO

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	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	40
		in	in	in	in		Psi	25
19.5L-24	17	495	1314	596	3930	12 PR 151 A8	2.3	3450
		19.5	51.7	23.5	154.7		34	7600
21L-24	18	533	1378	622	4122	12 PR 151 A8	2.2	3875
		21.0	54.3	24.5	162.3		32	8540

BHB 313 - [F-3] [TL]

Backhoe Loader

ASCENSO

Robust Tread Design:

- Provides directional stability
- Increases flotation

Reinforced Sidewall:

Enhanced protection against cuts and damages

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommend load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	40
		in	in	in	in		Psi	25
11L-16	8	279	808	369	2417	10 PR 112 A8	3.6	1120
		11	31.8	14.5	95.2		53	2464

BHB 314 - [R-4] [TL]

Backhoe Loader

ASCENSO

Strong Carcass for Longer Service:

- Designed for stability while loading and unloading
- Optimum contact area ensures high traction
- Excellent wear resistance in severe conditions

Size	Rim	Unloaded Dimensions		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)					
								Speed, km/h(mph)					
		SW	OD					Mixed application					
		mm	mm	mm	mm		Bar	10	15	20	25	30	40
		in	in	in	in		Psi	6	9	12	16	19	25
480/80-26 (18.4-26)	DW15L	479	1428	647	4271	14 PR 158 A8	2.9	5310	4800	4630	4510	4420	4250
		18.9	56.2	25.5	168.1		42	11700	10570	10200	9930	9740	9360
340/80-18 (12.5/80-18)	11	343	1001	453	3006	14 PR 145 A8	4.3	3630	3280	3160	3070	3020	2900
		13.5	39.4	17.8	118.3		62	8000	7220	6960	6760	6650	6390

Size	Rim	Unloaded Dimensions		SLR	RC	PR or LI/SI	Inflation Pressure	Recommended load, kg (lbs)							
								Speed, km/h(mph)							
		SW	OD					Free Rolling				Drive Wheel			
		mm	mm	mm	mm		Bar	10	25	40	50	10	25	40	50
		in	in	in	in		Psi	6	16	25	31	6	16	25	31
340/80-18 (12.5/80-18)	11	343	1001	453	3006	12 142A8 FR 129A8 DW	3.7	3710	3150	2650	2390	2590	2200	1850	1670
		13.5	39.4	17.8	118.3		54	8160	6930	5830	5260	5700	4840	4070	3670
340/80-18 (12.5/80-18)	11	343	1001	453	3006	16 148A8 FR 135A8 DW	4.9	4410	3750	3150	2840	3050	2590	2180	1960
		13.5	39.4	17.8	118.3		71	9700	8250	6930	6250	6710	5700	4800	4310

BHB 315 - [IND] [TL]

Backhoe Loader

ASCENSO

Unique Tread Design:

- Wide and sturdy centre block gives high contact area and better stability
- High solid-to-void ratio gives long service life
- Superior compound provides ability to work in tough construction applications

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	40
		in	in	in	in		Psi	25
12.5/80-18	W9	308	965	438	2886	14 PR 132 A8	4.3	2000
		12.1	38.0	17.2	113.6		62	4410
19.5L-24	W16L	495	1314	595	3930	14 PR 154 A8	2.6	3750
		19.5	51.7	23.4	154.7		38	8260
18.4-26	W16L	467	1426	646	4265	14 PR 160 A8	2.9	4500
		18.4	56.1	25.4	167.9		42	9910
16.9-28	W15L	429	1410	644	4217	14 PR 156 A8	3.2	4000
		16.9	55.5	25.4	166.0		46	8810

BOSS BH 30 - [R-4] [TL/TT]

Backhoe Loader

ASCENSO

Unique XAD Pattern:

- Uniform wear
- Less slippage
- Improved fuel efficiency

Specially-designed CCR Compound:

Cut and chip-resistant compound provides excellent resistance to severe terrain conditions

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
16.9-24	14	TL	152A8	DW15L	429	16.9	1310	51.6	594	23.4	3934	154.9	40	25	3550	7820	3	44
17.5L-24	16	TL	153A8	DW15L	445	17.5	1241	48.9	565	22.2	3727	146.7	40	25	3650	8040	3.3	48
16.9-28	12	TT	152 A8	DW 15 L	429	16.9	1410	55.5	644	25.3	4217	166.0	40	25	3550	7820	2.6	38
16.9-28	14	TL	156 A8	DW 15L	429	16.9	1410	55.5	644	25.3	4217	166.0	40	25	4000	8820	3.2	47
18.4-26 IND	14	TT	159 A8	16	467	18.4	1450	57.1	656	25.8	4337	170.7	40	25	4375	9640	2.9	42

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
12.5/80-18	12	TT	142 A8/129A8	W9	308	12.1	965	38.0	438	17.2	2886	113.6	40	25	2650/1850	5840/4070	3.7	54
12.5/80-18	14	TL	145 A8/132A8	W9	308	12.1	965	38.0	438	17.2	2886	113.6	40	25	2900/2000	6390/4410	4.3	62

BOSS BH 31 - [E-3] [TT]

Backhoe Loader

ASCENSO

Unique XD Pattern:

- Higher mileage
- More load-carrying capacity
- Greater traction

Specially-designed CCR Compound:

Cut and chip-resistant compound provides excellent resistance to severe terrain conditions and improves re-treadability

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
14.00-25	20	TT	161 B	10.00	375	14.8	1368	53.9	620	24.4	4091	161.1	50	31	4625	10190	4.8	69
14.00-25	12	TT	150 B/172 A2	10.00	375	14.8	1368	53.9	620	24.4	4091	161.1	10	6	6300	13890	4.3	62
													50	31	3350	7385	2.8	40

BOSS BH 32 - [IND] [TT]

Backhoe Loader

ASCENSO

Unique 'U' Pattern:
Improved traction under heavy-duty service conditions

Specially-designed CCR Compound:
Cut and chip-resistant compound provides excellent resistance to severe terrain conditions

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
9.00-16	16	TT	149 A8	6.00G	248	9.8	912	35.9	412	16.2	2728	107.4	40	25	3230	7120	8.5	123

BOSS BH 33 - [IND] [TT]

Backhoe Loader

ASCENSO

Unique Tread Pattern Design:
Provides Improved traction under heavy-duty service conditions

Circumferential Grooves with Transverse slots at shoulder region:
Free Rolling characteristics & Minimizes Side slippage while in operation

Strong Nylon Casing:
High load carrying capacity

Specially-designed CCR Compound:
Cut & Chip Resistance compound provides Excellent resistance to severe terrain conditions

Tyre Size	PR	TT/ TL	Load Index/ Speed Symbol	Recom-mended Rim	Altern-ative Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Load-carrying Capacity			
						SW		OD						Max Load		Inflation Pressure	
						mm	in	mm	in	mm	in	mm	in	kg	lbs	bar	psi
9.00-16	16	TT	149 A8	6.50 H	6.00 G	248	9.8	912	35.9	412	16.2	2728	107.4	3230	7106	8.5	123

Compact Loader

CLR 280 - [IND] [TL]

Compact Loader | Steel Belted

ASCENSO

- CLR 280 is a multi-purpose radial tire designed for telehandlers and compact loaders in agro-industrial applications
- Wide non-directional tread design offers outstanding traction, control & handling stability on any surface, including industrial application on the harder surfaces
- Steel belt package for enhanced resistance to penetration and durability
- High Load-bearing capacity is ensured by robust carcass and a strong bead
- Special Tread compound offers superior resistance to cuts & chips, increased fuel efficiency, reduced heat build-up resulting in a longer service life
- Large centre tread blocks contribute to a smother, more comfortable ride

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Mixed application				
		mm	mm	mm	mm		Bar	10	20	30	40	50
		in	in	in	in		Psi	6	12	19	25	31
365/70R18 (SB)	11	360	969	440	2910	135 B	3.8	3000	2400	2310	2250	2180
		14.2	38.1	17.3	114.6	146 A2	54	6610	5290	5090	4960	4800
405/70R18 (SB)	13	407	1025	463	3078	141 B	3.8	3650	2830	2730	2650	2575
		16	40.4	18.2	121.2	153 A2	54	8040	6230	6010	5840	5670
335/80R20 (SB)	11	339	1044	475	3135	136 B	3.8	3075	2460	2370	2310	2240
		13.3	41.1	18.7	123.4	147 A2	54	6770	5420	5220	5090	4930
405/70R20 (SB)	13	407	1076	488	3231	143 B	3.8	3875	3000	2890	2810	2725
		16	42.4	19.2	127.2	155 A2	54	8540	6610	6370	6190	6000

Note: SB- Steel Belted

Skid Steer

SSB 330 - [R-4] [TL]

Skid Steer | Value

ASCENSO

Solid Centre Lug:

Provides wide contact and stability

Open Shoulder Design:

Increases traction on loose off-road surfaces

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	10
		in	in	in	in		Psi	6
10-16.5	8.25	264	773	356	2312	8 PR 130 A2	4.1	1880
							60	4140
		10.4	30.4	14.0	91.0	10 PR 134 A2	5.2	2140
							75	4710
12-16.5	9.75	307	831	380	2486	10 PR 140 A2	4.5	2550
							65	5600
		12.1	32.7	15.0	97.9	12 PR 145 A2	5.5	2900
							80	6393

SSB 331 - [R-4] [TL]

Skid Steer

ASCENSO

Deep Tread and Optimised 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	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended Load	Speed
		SW	OD						
		mm	mm	mm	mm		Bar	Kg	Kmph
		in	in	in	in		Psi	Lbs	Mph
23X8.50-12	7	213	574	263	1717	8 PR 87 A8	3.4	550	40
		8.4	22.6	10.4	67.6		49	1200	25
26X12.00-12	10.50	307	655	297	1967	12 PR 114 A8	5.4	1180	40
		12.1	25.8	11.7	77.4		78	2600	25
27x8.50-15	7	213	678	313	2028	8 PR 102 A8	4.2	850	40
		8.4	26.7	12.3	79.8		61	1870	25
27x10.50-15	8.5	259	691	318	2067	8 PR 105 A8	4.2	930	40
		10.2	27.2	12.5	81.4		61	2040	25
31X15.50-15	13	391	792	360	2369	10 PR 125 A8	4.2	1660	40
		15.4	31.2	14.2	93.3		61	3640	25
10-16.5	8.25	264	773	356	2312	8 PR 130 A2	4.1	1880	10
							60	4140	6
		10.4	30.4	14.0	91.0	10 PR 134 A2	5.2	2140	10
							75	4710	6
12-16.5	9.75	307	831	380	2486	10 PR 140 A2	4.5	2550	10
							65	5600	6
		12.1	32.7	15.0	97.9	12 PR 145 A2	5.5	2900	10
							80	6393	6
33X15.50-16.5	12	394	840	383	2522	12 PR 148 A2	4.1	3150	10
		15.5	33.1	15.1	99.3		59	6940	6
14-17.5	10.5	349	921	419	2755	10 PR 147 A2	3.8	3110	10
							55	6845	6
		13.7	36.3	16.5	108.5	14 PR 155 A2	5.5	3880	10
							80	8543	6
15-19.5	11.75	394	1019	464	3048	14 PR 146 A8	4.8	3000	40
		15.5	40.1	18.3	120.0		70	6600	25

SSB 332 - [R-4] [TL]

Skid Steer Premium

ASCENSO

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	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	10
		in	in	in	in		Psi	6
10-16.5	8.25	264	773	356	2312	10 PR 134 A2	5.2	2120
		10.4	30.4	14.0	91.0		75	4675
12-16.5	9.75	307	831	380	2486	12 PR 145 A2	5.5	2900
		12.1	32.7	15.0	97.9		80	6390

SSB 333 - [NHS] [TL]

Skid Steer | Premium

ASCENSO

High Tread Depth, Broad Lugs and Special Compound:
Makes it optimal for usage on hard & rough surfaces

Robust Casing:
Provides high durability with protection against punctures and damages

Rim Guard:
Protects the rim flange area against flats and wheel damage

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	10
		in	in	in	in		Psi	6
10-16.5	8.25	264	773	356	2312	10 PR 134 A2	5.2	2120
		10.4	30.4	14.0	91.0		75	4675
12-16.5	9.75	318	835	381	2497	12 PR 145 A2	5.5	2900
		12.5	32.9	15.0	98.3		80	6390

Paving & Compactor

PCB 360 - [R-3] [TL]

Paving & Compactor

ASCENSO

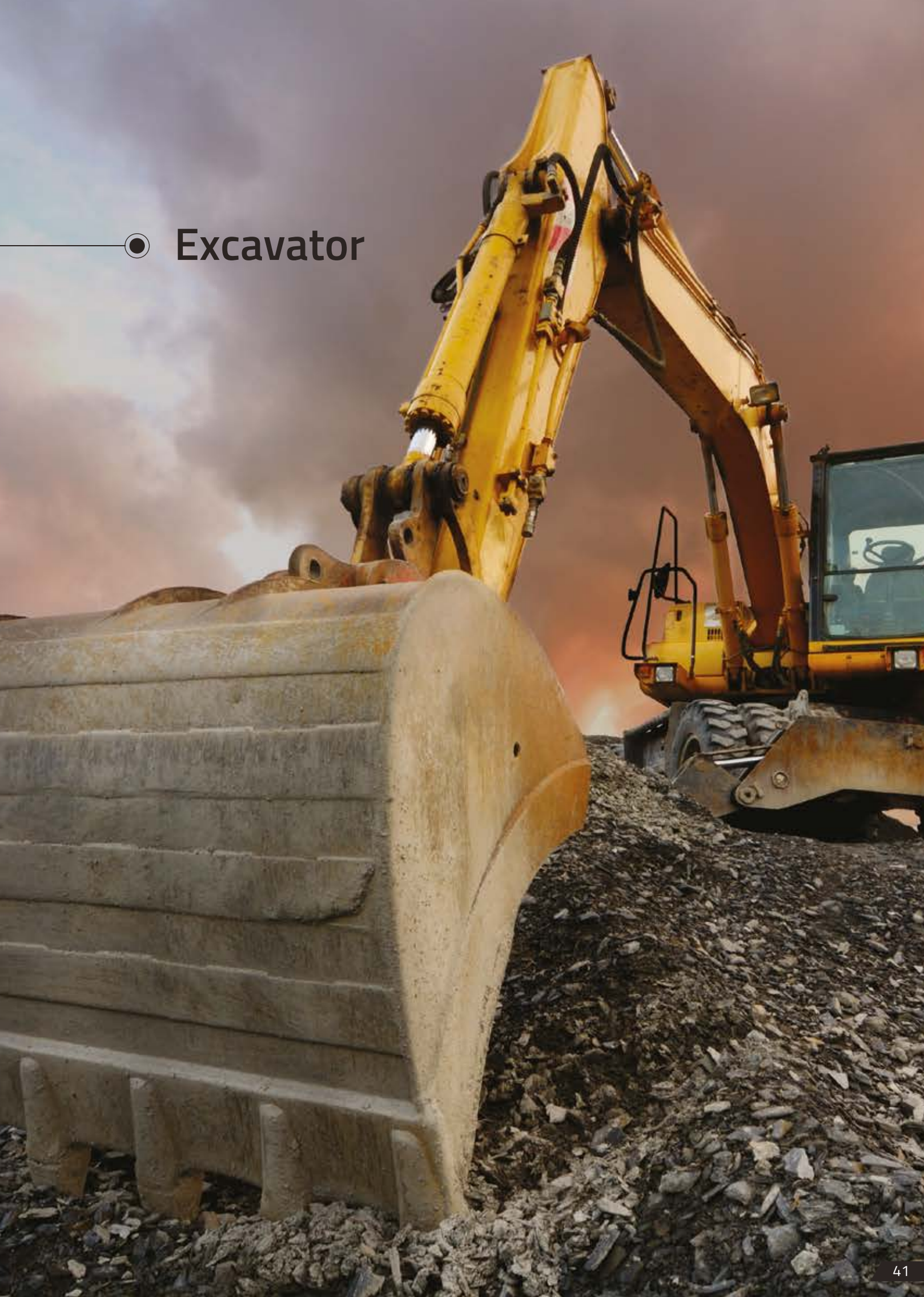
Large Tread Area:
Increases flotation and minimises ground disturbance in soil compaction operations

Optimised Diamond Lug Pattern with Sipes:
Reduces groove cracks and minimises slippage

Good Rubber Coverage on Tread Base:
Ensures puncture and impact resistance, thereby reducing downtime

Size	Rim	Unloaded Dimensions		SLR	RC	LI/SI Or Pr	Inflation Pressure	Recommended load, kg (lbs)								
								Speed, km/h(mph)								
								Drive Wheel					Free Rolling			
		SW	OD													
		mm	mm	mm	mm		Bar	10	25	40	50	Static	10	25	40	50
		in	in	in	in		Psi	6	16	25	31		6	16	25	31
23.1-26	20	587	1581	710	4729	8 PR 145 A8	1.1	3630	3070	2900	2640	7340	3990	3380	3190	2900
		23.1	62.2	28	186.2		16	7986	6754	6380	5808	16148	8778	7436	7018	6380
23.1-26	20	587	1581	710	4729	12 PR 162 A8	1.7	5940	5040	4750	4320	12020	6530	5540	5225	4750
		23.1	62.2	28	186.2		25	13068	11088	10450	9504	26444	14366	12188	11495	10450
23.1-26	20	587	1581	710	4729	16 PR 168 A8	2.3	7000	5940	5600	5100	14170	7700	6530	6160	5610
		23.1	62.2	28	186.2		33	15400	13068	12320	11220	31174	16940	14366	13552	12342
28L-26	25	714	1591	715	4759	16 PR 173 A8	2.2	8130	6890	6500	5920	16450	8940	7580	7150	6510
		28.1	62.6	28.1	187.4		32	17886	15158	14300	13024	36190	19668	16676	15730	14322

Excavator



EXB 380 - [E-2] [TT]

Excavator

ASCENSO

Optimised 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	Rim	Unloaded Dimensions		SLR	RC	PR or LI/SI	Inflation Pressure	Recommended load, kg (lbs)								
		SW	OD					Speed, km/h(mph)								
		mm	mm	mm	mm		Bar	Static	5	10	20	25	30	40	45	50
		in	in	in	in		Psi		3	6	12	16	19	25	28	31
8.25-20	6.5	230	962	442	2878	14 PR 133 B	6.8	4120	2880	2410	2330	2290	2270	2180	2100	2060
		9.1	37.9	17.4	113.3		98	9070	6340	5310	5130	5040	5000	4800	4630	4540
9.00-20	7	258	1018	465	3045	14 PR 140 B	7.0	5000	3500	2930	2830	2780	2750	2650	2550	2500
		10.2	40.1	18.3	119.9		102	11010	7710	6450	6230	6120	6060	5840	5620	5510
10.00-20	7.5	275	1052	479	3147	16 PR 146 B	7.5	6000	4200	3510	3390	3330	3300	3180	3060	3000
		10.8	41.4	18.9	123.9		109	13220	9250	7730	7470	7330	7270	7000	6740	6610
11.00-20	8	286	1082	491	3237	16 PR 149 B	7.2	6500	4550	3800	3670	3610	3580	3450	3320	3250
		11.3	42.6	19.3	127.4		104	14320	10020	8370	8080	7950	7890	7600	7310	7160

EXB 386 - [IMP] [TL]

Excavator

ASCENSO

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

Superior Carcass Construction:
High load-carrying capacity and directional stability

Special Tread Compound:
Longer tyre life and puncture resistance

Size	Rim	Unloaded Dimensions		SLR	RC	PR or LI/SI	Inflation Pressure	Recommended load, kg (lbs)							
								Speed, km/h(mph)							
								Free Rolling				Drive Wheel			
		SW	OD												
		mm	mm	mm	mm		Bar	10	25	40	50	10	25	40	50
		in	in	in	in		Psi	6	16	25	31	6	16	25	31
550/60-22.5	16.00DC	553	1240	562	3709	18 PR 165A8 FR 161B 153A8 DW 149B	3.2	8120	6900	5800	5220	5600	4760	4000	3600
		21.8	48.8	22.1	146.0		46	17864	15180	12760	11484	12320	10472	8800	7920
500/60-22.5	16.00DC	503	1172	553	3505	18 PR 169A8 FR 165B 156A8 DW 152B	3.6	7210	6130	5150	4640	5110	4340	3650	3290
		19.8	46.1	21.8	138.0		52	15860	13490	11330	10210	11240	9550	8030	7240

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)					
		SW	OD					Speed, km/h (mph)					
		mm	mm	mm	mm		Bar	10	15	20	25	30	40
		in	in	in	in		Psi	6	9	12	16	19	25
600/40-22.5	20.00DC	600	1070	491	3200	18 PR 173 A6 169 A8	6	8390	7870	7410	6960	6500	5800
		23.6	42.1	19.3	126		87	18460	17310	16300	15310	14300	12760
600/40-22.5(SB)	20.00DC	600	1070	491.4	3200.2	20 PR 175 A6 171 A8	7	8900	8350	7870	7380	6900	6150
		23.6	42.1	19.3	126		102	19580	18370	17310	16240	15180	13530
700/40-22.5 (DB)	24.00 DC	700	1130	516	3380	18 PR 177 A6 173 A8	6	9420	8830	8320	7810	7300	6500
		27.6	44.5	20.3	133.1		87	20720	19430	18300	17180	16100	14300
650/45-22.5	20.00DC	645	1158	527.7	3463.3	18 PR 173 A6 169 A8	6	8390	7870	7410	6960	6500	5800
		25.4	45.6	20.8	136.4		87	18460	17310	16300	15310	14300	12760
650/45-22.5(SB)	20.00DC	645	1158	527.7	3463.3	20 PR 175 A6 171 A8	7	8900	8350	7870	7380	6900	6150
		25.4	45.6	20.8	136.4		102	19580	18370	17310	16240	15180	13530
600/50-22.5	AG20.00	611	1172	533.5	3505.2	18 PR 174 A6 170 A8	6	8640	8110	7640	7170	6700	6000
		24.1	46.1	21	138		87	19010	17840	16810	15770	14740	13200

Note: SB- Steel Belted, DB-Dual Bead

Multi-Purpose Industrial

Telehandler/Loader

MIB 405 - [L-2/G-2] [TL]

Telehandler, Loader, Grader

ASCENSO

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	Rim	Unloaded Dimensions		SLR	RC	LI/SI Or PR	Recommended Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Telehandler)	
		SW	OD				Inflation Pressure	Speed, km/h (mph)	Inflation Pressure	Speed, km/h (mph)
		mm	mm	mm	mm		Bar	40	Bar	10
		in	in	in	in		Psi	25	Psi	6
13.00-24	10	351	1278	581	3823	16 PR/174A2	4	3250	6	6650
		13.8	50.3	22.8	150.5		59	7150	88	14630
14.00-24	10	375	1348	610	4032	16 PR/177A2	3.8	3650	5.5	7300
		14.7	53	24	158.7		55	8030	80	16060
15.5-25	12	394	1277	583	3820	12 PR/168A2	2.3	2650	4	5600
							33	5830	59	12320
		15.5	50.3	23	150.4	16 PR/175A2	3.2	3000	5.5	6900
							46	6600	80	15180
17.5-25	14	445	1348	612	4032	16 PR/177A2	2.8	3350	4.8	7300
		17.5	53.1	24.1	158.7		40	7370	69	16060
20.5-25	17	520	1492	672	4463	16 PR/181A2	2.3	4000	3.5	8250
		20.5	58.7	26.5	175.7		33	8800	51	18150

MIB 406 - [L-2/G-2] [TL]

Telehandler, Loader, Grader

ASCENSO

Robust Solid Centre Block Pattern:

- Provides maximum ground contact
- Ensures even load distribution
- Suitable for rugged terrains
- The open shoulder lug pattern provides excellent traction

Size	Rim	Unloaded Dimensions		SLR	RC	LI/SI Or PR	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm	mm	mm	mm		Bar	10	40
		in	in	in	in		Psi	6	25
13.00-24	10	353	1278	581	3822	14 PR/170 A2	5.3	6000	3000
		13.9	50.3	22.9	150.5		77	13200	6600
14.00-24	10	377	1348	610	4032	16 PR/177 A2	5.5	7300	3650
		14.8	53.1	24.0	158.7		80	16060	8030
15.5-25	13	404	1278	583	3822	12 PR/168 A2	4	5600	2650
		15.9	50.3	23.0	150.5		59	12320	5830
17.5-25	14	445	1346	611	4026	16 PR/177 A2	4.8	7300	3350
		17.5	53.0	24.1	158.5		69	16060	7370

MIB 407 - [IND] [TL]

Compact
Wheel Loader,
Backhoe Loader

ASCENSO

Tread Design:

- Extra thick sidewall
- Ensure puncture resistance
- Sidewall allows stability

Enhanced Carcass Construction:

Ensures high load-carrying capacity

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)				
								Speed, km/h (mph)				
		SW	OD					Mixed application				
		mm	mm	mm	mm		Bar	Static	10	20	30	40
		in	in	in	in		Psi	Kmph	6	16	19	25
400/80-24	DW13	414	1250	569	3738	20 PR	5	10930	5940	5040	4940	4750
		16.2	49.2	22	147	162 A8	73	24100	13100	11110	10890	10470
440/80-24	DW14L	451	1314	595	3930	22 PR	5	12880	7000	5940	5820	5600
		17.7	51.7	23.4	154.7	168 A8	73	28400	15430	13100	12830	12350

MPB 400 - [MPT] [TL]

Telehandler, Truck Tyre

ASCENSO

Specially Designed for Multi-purpose Applications:

- Wider centre lug for comfort & smooth ride
- Designed for better grip & traction
- Increased carcass strength for durability

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
								Mixed application							
		SW	OD					Free Rolling				Drive Wheel			
		mm	mm	mm	mm		Bar	10	25	40	50	10	25	40	50
		in	in	in	in		psi	6	16	25	31	6	16	25	31
10.0/75-15.3	9	264	760	348	2274	18 PR 135 A8 FR 123 A8 DW	7.1	3050	2590	2180	1960	2170	1840	1550	1400
		10.4	29.9	13.7	89.5		103	6710	5700	4800	4310	4770	4050	3410	3080
11.5/80-15.3	9	290	845	383	2528	18 PR 143 A8 FR 130 A8 DW	6.0	3820	3240	2725	2450	2660	2260	1900	1710
		11.4	33.3	15.1	99.5		87	8400	7130	6000	5390	5850	4970	4180	3760

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Static	5	10	20	25	30	40	45	50
		mm	mm	mm	mm		Bar									
		in	in	in	in		psi		3	6	12	16	19	25	28	31
18-19.5	14	457	1096	495	3278	16 PR 160 B	6	9040	6290	5270	5090	5000	4950	4770	4590	4500
							87	19930	13870	11620	11220	11030	10910	10520	10120	9920
		18.0	43.1	19.5	129.1	18 PR 165 B	7.25	10340	7190	6030	5820	5720	5670	5460	5250	5150
							105	22800	15850	13300	12830	12610	12500	12040	11580	11360

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)						
								Speed, km/h (mph)						
		SW	OD					Static	10	20	30	40	50	
		mm	mm	mm	mm		Bar							
		in	in	in	in		Psi		6	12	19	25	31	
12.5-20	11	325	1040	473	3110	16 PR 143 B	4.5	6270	4580	3760	3080	2810	2725	
		12.8	40.9	18.6	122.5		65.25	13830	10100	8290	6790	6200	6010	

MPB 400 - [MPT] [TL]

Telehandler,
Truck Tyre

ASCENSO

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
								Mixed application								
		SW	OD													
		mm	mm	mm	mm		Bar	15	20	30	40	50	60	70	80	90
		in	in	in	in		psi	9	12	19	25	31	37	43	50	56
10.5-18	9	270	905	413	2707	12 PR 130 G	4.5	3140	2850	2380	2190	2130	2090	2030	1980	1900
		10.6	35.6	16.3	106.6		65	6920	6280	5240	4820	4690	4600	4470	4360	4190
12.5-18	11	325	990	448	2961	12 PR 131 G	3.5	3220	2930	2440	2240	2180	2150	2090	2030	1950
		12.8	39.0	17.6	116.6		51	7090	6450	5370	4930	4800	4740	4600	4470	4300
10.5-20	9	270	955	438	2856	12 PR 131 G	4.3	3220	2930	2440	2240	2180	2150	2090	2030	1950
		10.6	37.6	17.2	112.4		62	7090	6450	5370	4930	4800	4740	4600	4470	4300
12.5-20	11	325	1040	473	3110	12 PR 132 G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		12.8	40.9	18.6	122.4		51	7270	6610	5510	5070	4930	4850	4710	4580	4410
14.5-20	11	355	1095	496	3275	14 PR 139 G	3.5	4010	3650	3040	2790	2720	2670	2600	2530	2430
		14.0	43.1	19.5	128.9		51	8830	8040	6700	6150	5990	5880	5730	5570	5350
16.0/70-20	13SDC	407	1076	488	3218	14 PR 145 G	3.5	4790	4350	3630	3340	3250	3190	3100	3020	2900
		16.0	42.4	19.2	126.7		51	10550	9580	8000	7360	7160	7030	6830	6650	6390

MPB 401 - [MPT] [TL]

Telehandlers, Compact Wheel Loader

ASCENSO

- Unique tread design for **multi-purpose vehicles**
- Carcass and compound designed & validated for **high-speed and tough working conditions**

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)								
								Speed, km/h (mph)								
		SW	OD					Mixed application								
		mm	mm	mm	mm		Bar	15	20	30	40	50	60	70	80	90
		in	in	in	in		psi	9	12	19	25	31	37	43	50	56
12.5-20	11	325	1040	473	3110	12 PR 132 G	3.5	3300	3000	2500	2300	2240	2200	2140	2080	2000
		12.8	40.9	18.6	122.5		51	7270	6610	5510	5070	4930	4850	4710	4580	4410

MIR 220 - [IND] [TL]

Compact Wheel Loaders, Backhoe Loader, Telehandler

Steel Belted

ASCENSO

Robust Design: Steel Belted

- Improvised tread design- Provides better traction
- Enhanced carcass- Stability for both on and off-road operations
- Excellent self-cleaning properties
- Steel-belted construction for longer tyre life

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
								Constant Load						Cyclic Applications	
		SW	OD												
		mm	mm	mm	mm		Bar	Static	10	25	30	40	50	10	15
		in	in	in	in		Psi	Kmph	6	16	19	25	31	6	9
340/80R18 (SB)	11	343	1001	453	2994	143 A8/B	4	6270	3410	2890	2830	2725	2725	4090	3650
		13.5	39.4	17.8	117.9		58	13810	7510	6370	6230	6000	6000	9010	8040
400/70R20 (SB)	13	404	1068	485	3194	149 A8/B	4	7480	4060	3450	3380	3250	3250	4880	4360
		15.9	42	19.1	125.7		58	16480	8940	7600	7440	7160	7160	10750	9600
400/80R24 (SB)	DW13	404	1250	569	3738	162 A8/B	5	10930	5940	5040	4940	4750	4750	7130	6370
		15.9	49.2	16.1	147.2		73	24070	13080	11100	10880	10460	10460	15700	14030
440/80R24 (SB)	DW14L	441	1314	595	3930	168 A8/B	5	12880	7000	5940	5820	5600	5600	8400	7500
		17.4	51.7	23.4	154.7		73	28370	15420	13080	12820	12330	12330	18500	16520
460/70R24 (SB)	DW15L	465	1254	571	3750	159 A8/B	4	10060	5470	4640	4550	4375	4375	6560	5860
		18.3	49.4	22.5	147.6		58	22160	12050	10220	10020	9640	9640	14450	12910
500/70R24 (SB)	DW16L	503	1310	594	3918	164 A8/B	4	11500	6250	5300	5200	5000	5000	7500	6700
		19.8	51.6	23.4	154.3		58	25330	13770	11670	11450	11010	11010	16520	14760
480/80R26 (SB)	DW15L	479	1428	647	4271	167 A8/B	4	12540	6810	5780	5670	5450	5450	8180	7300
		18.9	56.2	25.5	168.1		58	27620	15000	12730	12490	12000	12000	18020	16080
440/80R28 (SB)	DW14L	441	1415	646	4232	156 A8/B	3.2	9200	5000	4240	4160	4000	4000	6000	5360
		17.4	55.7	25.4	166.6		46	20260	11010	9340	9160	8810	8810	13220	11810

Note: SB- Steel Belted

MIR 221 - [IND] [TL]

Compact Wheel Loaders, Backhoe Loader, Telehandler

Steel Belted

ASCENSO

Robust Design: Steel Belted

- Optimised tread design
- Provides high durability and grip
- Enhanced carcass-stability for both on and off-road operations

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)							
								Speed, km/h (mph)							
								Constant Load						Cyclic Applications	
		SW	OD												
		mm	mm	mm	mm		Bar	Static	10	25	30	40	50	10	15
		in	in	in	in		Psi	Kmph	6	16	19	25	31	6	9
340/80R18 (SB)	W11	343	1001	453	2994	143 A8/B	4	6270	3410	2890	2830	2725	2725	4090	3650
		13.5	39.4	17.8	117.9		58	13810	7510	6370	6230	6000	6000	9010	8040
460/70R24 (SB)	DW15L	465	1254	571	3750	159 A8/B	4	10060	5470	4640	4550	4375	4375	6560	5860
		18.3	49.4	22.5	147.6		58	22160	12050	10220	10020	9640	9640	14450	12910
500/70R24 (SB)	DW16L	503	1310	594	3918	164 A8/B	4	11500	6250	5300	5200	5000	5000	7500	6700
		19.8	51.6	23.4	154.3		58	25330	13770	11670	11450	11010	11010	16520	14760
480/80R/26 (SB)	DW15L	479	1428	647	4271	167 A8/B	4	12540	6810	5780	5670	5450	5450	8180	7300
		18.9	56.2	25.5	168.1		58	27620	15000	12730	12490	12000	12000	18020	16080
440/80R28 (SB)	DW14L	441	1415	646	4232	163 A8/B	4	11210	6090	5170	5070	4875	4875	7310	6530
		17.4	55.7	25.4	166.6		58	24690	13410	11390	11170	10740	10740	16100	14380

Note: SB- Steel Belted

MDR 1000 - [IND] [TL]

Backhoe Loader
Telehandler
Excavator

ASCENSO

Multi-block tread design with Wider footprint:

- Tread design gives wider footprint and gives excellent grip on/off road application even winter condition
- Offset shoulder block design gives stable and comfortable driving response both ON/OFF road

Unique Center Lug:

Provides Stability and a smooth, comfortable ride on hard surfaces, soft conditions even in mud and snow

High number of blocks with high rubber-to-void ratio:

Provides low tire vibration and stable ride

Extra Strong Casing Equipped with Steel Belts:

Higher load-carrying capacity in all applications & Improved Puncture resistance

Special Tread Compound:

Longer Tire Life and provides even wear both on the road and in the field

Size	Rim	Unloaded Dimensions		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)									
								Speed, km/h(mph)									
								Constant Load								Cyclic Applications	
		SW	OD														
		mm	mm	mm	mm		Bar	Static	10	25	30	40	50	65	70	10	15
		in	in	in	in		Psi		6	16	19	25	31	40	43	6	9
400/80R24 (14.9R24) (SB)	DW13	404	1250	569	3739	149A8/ 144D	3.2	7390	4060	3450	3380	3250	2960	2800	2550	4880	4360
		15.9	49.2	22.4	147.2		46	16280	8940	7600	7440	7160	6520	6170	5620	10750	9600
440/80R24 (16.9R24) (SB)	DW14L	441	1314	595	3930	154A8/ 149D	3.2	8580	4690	3980	3900	3750	3410	3250	2960	5630	5030
		17.4	51.7	23.4	154.7		46	18900	10330	8770	8590	8260	7510	7160	6520	12400	11080
400/80R28 (14.9R28) (SB)	DW13	404	1351	620	4041	151A8/ 146D	3.2	7920	4310	3660	3590	3450	3140	3000	2730	5180	4620
		15.9	53.2	24.4	159.1		46	17440	9490	8060	7910	7600	6920	6610	6010	11410	10180
440/80R28 (16.9R28) (SB)	DW14L	441	1415	646	4232	156A8/ 151D	3.2	9110	5000	4240	4160	4000	3640	3450	3140	6000	5360
		17.4	55.7	25.4	166.6		46	20070	11010	9340	9160	8810	8020	7600	6920	13220	11810
480/65R28 (SB)	DW15L	479	1335	613	3993	154A8/ 149D	3.2	8580	4690	3980	3900	3750	3410	3250	2960	5630	5030
		18.9	52.6	24.1	157.2		46	18900	10330	8770	8590	8260	7510	7160	6520	12400	11080
540/65R28 (SB)	W18L	540	1413	645	4226	160A8/ 155D	3.2	10230	5630	4770	4680	4500	4100	3875	3530	6750	6030
		21.3	55.6	25.4	166.4		46	22530	12400	10510	10310	9910	9030	8540	7780	14870	13280
440/80R30 (16.9R30) (SB)	DW14L	441	1466	671	4385	157A8/ 153D	3.2	9640	5160	4370	4290	4125	3750	3650	3320	6190	5530
		17.4	57.7	26.4	172.6		46	21230	11370	9630	9450	9090	8260	8040	7310	13630	12180
440/80R34 (16.9R34) (SB)	DW14L	441	1568	722	4690	159A8/ 155D	3.2	10230	5470	4640	4550	4375	3980	3875	3530	6560	5860
		17.4	61.7	28.4	184.6		46	22530	12050	10220	10020	9640	8770	8540	7780	14450	12910
480/80R34 (18.4R34)(SB)	DW15L	479	1632	749	4881	164A8/ 159D	3.2	11550	6250	5300	5200	5000	4550	4375	3980	7500	6700
		18.9	64.3	29.5	192.2		46	25440	13770	11670	11450	11010	10020	9640	8770	16520	14760
480/80R38 (18.4R38) (SB)	DW15L	479	1733	800	5183	166A8/ 161D	3.2	12210	6630	5620	5510	5300	4820	4625	4210	7950	7100
		18.9	68.2	31.5	204.1		46	26890	14600	12380	12140	11670	10620	10190	9270	17510	15640

Note: SB- Steel Belted

Boom Lift

BLB 730 - [NHS] [TL]

Boom Lift

ASCENSO

Reinforced lug design with longer shoulder:
Ensures excellent traction, stability and less chance of tipping while operating at height

Rim Guard Protector with Extra Heavy-Duty Sidewall:
Safeguards the tire against damages

Extra Strong Casing:
Higher load-carrying capacity in all applications & Improved Stability

Special Rubber compound:
Longer Tire Life-reduced downtime and higher productivity

Optimized inner volume:
- For low tire fill consumption
- Can be filled with foam to eliminate chances of flat

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	10
		in	in	in	in		Psi	6
IN315/55D20	11x20	321	828	386	2486	12 PR 151 A2	5.5	3450
		12.6	32.6	15.2	97.9		80	7610
IN355/55D625	11.75x24.5	351	938	441	2817	14 PR 157 A2	5.2	4125
		13.82	36.93	17.36	110.91		75	9090
IN445/50D710	15	435	1185	551	3558	18 PR 177 A2	6.9	7300
		17.1	46.7	21.7	140.1		100	16090
15-625	15x24.5	388	1035	481	3108	16 PR 168 A2	6.9	5600
		15.3	40.7	18.9	122.4		100	12350
18-625	15x24.5	436	1028	479	3087	16 PR 175 A2	6.9	6900
		17.2	40.5	18.9	121.5		100	15210

Material Handling

Forklift

FLB 680 - [NHS] [TT]

Unique Block Pattern Design:

- Ensures high traction
- Optimum load distribution and wide footprint for higher stability
- Enhanced performance in both indoor and outdoor areas

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Load Wheel	Steer Wheel
		mm	mm	mm	mm		Bar	15	25
		in	in	in	in		Psi	9	16
5.00-8	3.00DX8	131	469	211	1403	10	10	1250	-
		5.2	18.5	8.3	55.2		145	2750	-
18X7-8	4.33RX8	168	465	210	1391	16	10	2130	1640
		6.6	18.3	8.3	54.8		145	4690	3610
6.00-9	4.00EX9	160	545	245	1630	10	8.5	1685	1280
		6.3	21.5	9.6	64.2		123	3710	2820
6.00-9	4.00EX9	160	545	245	1630	12	10	1875	1425
		6.3	21.5	9.6	64.2		145	4135	3140
21X8-9	6.00EX9	203	533	240	1594	14	9.0	2350	1785
		8.0	21.0	9.4	62.8		131	5180	3930
6.50-10	5.00FX10	178	597	268	1785	12	9.0	2150	1635
		7.0	23.5	10.6	70.3		131	4740	3600
7.00-12	5.00SX12	192	683	308	2042	12	8.5	2720	2065
		7.6	26.9	12.1	80.4		125	5990	4550
7.00-12	5.00SX12	192	683	308	2042	14	9.0	2790	2120
		7.6	26.9	12.1	80.4		125	6151	4674
300-15	8.0X15	300	840	380	2512	20	9.0	6575	4990
		11.8	33.1	15.0	98.9		131	14480	10990
7.00-15	6.00X15	203	762	348	2279	12	8.6	3150	2395
		8.0	30.0	13.7	89.7		125	6940	5280
7.50-15	6.00X15	215	808	367	2417	12	8.0	3490	2650
		8.5	31.8	14.4	95.2		116	7690	5840
8.25-15	6.50X15	236	847	383	2533	14	8.0	4255	3235
		9.3	33.3	15.1	99.7		116	9370	7130
28X9-15	7.00X15	221	706	325	2111	14	10	3415	2595
		8.7	27.8	12.8	83.1		145	7520	5720

FLB 681 - [NHS] [TT]

Forklifts

ASCENSO

Specially Designed Tread:

- Ensures optimum load distribution with wide footprint for better stability

Unique Block Pattern:

- Ensures resistance against abrasions, punctures, and impacts
- Strong casing for high load applications

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD					Load Wheel	Steer Wheel
		mm	mm	mm	mm		Bar	25	25
		in	in	in	in		Psi	16	16
10.00-20 (HD)	7.5	284	1074	487	3212	18	10	6890	5300
		11.2	42.3	19.2	126.5		145	15190	11685
12.00-20 (HD)	8.5	315	1146	517	3427	20	10	9230	7100
		12.4	45.1	20.4	134.9		145	20349	15653

Note: HD- Heavy Duty

Port

PEB 720 - [IND-3] [TL]

Empty Container Handler

ASCENSO

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:
Minimises wear and extends tyre life significantly

Size	Rim	Unloaded Dimensions		SLR	RC	LI/SI Or PR	Recommend Load Capacity (For Grader)		Recommended Load Capacity (For Loader/Telehandler)	
		SW	OD				Inflation Pressure	Speed, km/h (mph)	Inflation Pressure	Speed, km/h (mph)
		mm	mm	mm	mm		Bar	50	Bar	10
		in	in	in	in		Psi	31	Psi	6
14.00-24	10	375	1370	619	4098	28 PR 188 A2	6.5	5600	9.25	10000
		14.7	53.9	24.3	161.3		95	12320	135	22000

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm	mm	mm	mm		Bar	25	10
		in	in	in	in		Psi	16	6
16.00-25	11.25/2.0	465	1485	666	4441	32	10	15625	16875
		18.3	58.5	26.2	174.9		145	34450	37210

PEB 721 - [IND-4] [TT]

Reach Stacker
Empty Container
Handler

ASCENSO

High Rubber Distribution provides:
Higher traction and better load carrying capacity

Optimized Tread Design:
Quick heat dissipation and cooler running on hard concrete surfaces

Specially Formulated Tread Compound:
Better Mileage and a Longer tire life, Resistant to cut & snags with optimized wear

Strong Casing/Carcass:
Used in Heavy duty applications,& it ensures maximum operating efficiency and exceptional stability in lift mode

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
		SW	OD					Speed, km/h (mph)	
		mm	mm	mm	mm		Bar	10	25
		in	in	in	in		Psi	6	16
12.00-24	8.5	315	1265	575	3783	20	9.9	9320	8630
		12.4	49.8	22.6	149		144	20550	19030
18.00-25	13.00/2.5	528	1675	747	5010	40	10.3	22950	21250
		20.8	65.9	29.4	197.2		150	50600	46860

PEB 722 - [IND-4.5] [TL]
(Deep Tread)

Reach Stacker

ASCENSO

Strong Casing with Sturdy Tread Design:
Used in Heavy duty applications

High Rubber Mass at Tread Centre:
Higher traction and better load carrying capacity

Specially Formulated Tread Compound:
Quick heat dissipation and cooler running and
Longer service life on concrete surfaces

Reinforced Bead Bundle:
Minimizes chances of bead failure

Extra Deep Tread with Higher Base Cover:
Higher Mileage

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD						
		mm	mm	mm	mm		Bar	10	25
		in	in	in	in		Psi	6	16
18.00-25	13.00/2.5	528	1675	747	5010	40	10.3	22950	21250
		20.8	65.9	29.4	197.2		150	50600	46860

PEB 723 - [L4-S] [TL]

Reach Stacker

Flat Tread with Larger width:
Offers better stability and easy maneuvering for applications like reach stackers and empty container handlers

Reinforced Sidewall:
Resistance to damage

Specially formulated Tread compound:
Improved heat resistance, Quick heat dissipation and cooler running on hard concrete surfaces

Strong Casing/Carcass with Special Compound :
Used in Heavy duty applications

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)	
								Speed, km/h (mph)	
		SW	OD						
		mm	mm	mm	mm		Bar	10	25
		in	in	in	in		Psi	6	16
18.00-25	13.00/2.5	528	1650	736	4935	40	10.3	22950	21250
		20.8	65	29	194.3		150	50600	46860

Earth Mover

Wheel Loader

WLB 550 - [E-3/L-3] [TL]

Wheel Loader

ASCENSO

Robust Tread Design:

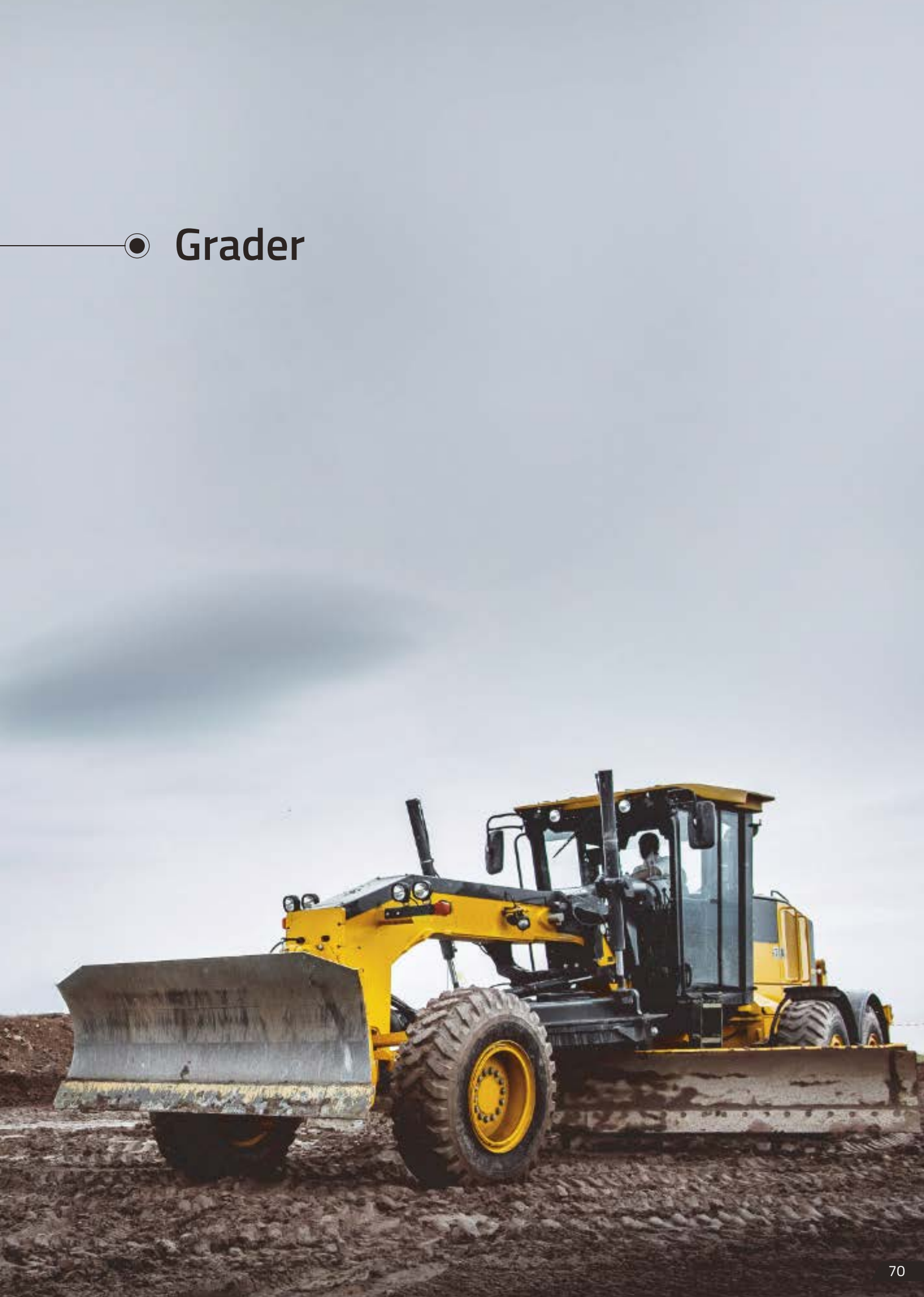
Generates maximum traction and resistance to slippage

Strong Nylon Casing:

- Heavy load-carrying capacity
- Resistance to impacts

Size	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	10
		in	in	in	in		Psi	6
15.5-25	12.00/1.3	394	1278	583	3838	12 PR 168 A2	4	5600
		15.5	50.3	23.0	151.1		58	12350
17.5-25	14.00/1.5	445	1348	612	4032	16 PR 177 A2	4.8	7300
		17.5	53.1	24.1	158.7		69	16060
17.5-25	14.00/1.5	445	1348	612	4032	20 PR 181 A2	5.8	8250
		17.5	53.1	24.1	158.7		84	18150
17.5-25	14.00/1.5	445	1348	612	4032	24 PR 188 A2	7	10000
		17.5	53.1	24.1	158.7		102	22000
20.5-25	17.00/2.0	520	1492	672	4463	16 PR 181A2	3.5	8250
		20.4	58.7	26.4	175.7		51	18150
20.5-25	17.00/2.0	520	1492	672	4463	20 PR 186A2	4.5	9500
		20.4	58.7	26.4	175.7		66	20900
23.5-25	19.5/1.5	597	1617	723	4837	20 PR 191 A2	3.6	10900
		23.5	63.7	28.5	190.4		55	23980
26.5-25	22.0/3.0	673	1750	777	5234	28 PR 203 A2	4.8	15500
		26.5	68.9	30.6	206.1		69	34100

Grader



TGB 610 - [G-2] [TL]

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	Rim	Unloaded Dimension		SLR	RC	LI/SI or PR	Inflation Pressure	Recommended load, kg (lbs)
		SW	OD					Speed, km/h (mph)
		mm	mm	mm	mm		Bar	40
		in	in	in	in		Psi	25
13.00-24	8.00 TG	333	1278	581	3823	12 PR 143 A8	3	2725
							44	5995
		13.1	50.3	22.8	150.5	16 PR 149 A8	4	3250
							59	7150
14.00-24	8.00 TG	362	1348	610	4032	12 PR 147 A8	2.8	3075
							40	6765
		14.2	53	24	158.7	16 PR 153 A8	3.8	3650
							55	8030

BOSS TG 60 - [G-3] [TL]

(Sea wave pattern)

Motor Grader

- Universal design suitable for different underfoot conditions
- Specially designed carcass provides better roadability and manoeuvring
- Robust compound provides suitability for heavy duty applications like Graders

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
14.00-24	16	TL	153 A8	10.00 VA/5°	375	14.8	1368	53.9	620	24.4	4091	161.1	40	25	3650	8050	3.5	51

Tipper

BOSS ML 35 - [ML] [TT]

Tipper

ASCENSO

Non-directional Tread Design

Provides best traction and stability in reverse & forward direction

Specially-designed CPR compound:

- Cooler running to prevent tread separation
- Provides excellent puncture resistance
- Ensures superior re-treadability

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
10.00-20	18	TT	144 G	7.5	278	10.9	1073	42.2	487	19.2	3209	126.3	90	56	2800	6170	7.6	110
11.00-20	18	TT	146 G	8.0	293	11.5	1104	43.5	500	19.7	3302	130	90	56	3000	6610	7.6	110
12.00-20	18	TT	150 F	8.5	315	12.4	1146	45.1	517	20.4	3427	134.9	80	50	3350	7385	7.3	105

BOSS ML 36 - [ML] [TT]

Tipper

Non-directional Tread Design

Provides best traction and stability in reverse & forward direction

Specially-designed CPR compound:

- Cooler running to prevent tread separation
- Provides excellent puncture resistance
- Ensures superior re-treadability

Tyre Size	PR	TT/TL	Load Index/ Speed Symbol	Rim	Unloaded Inflation Dimension				Static Loaded Radius		Rolling Circumference		Max Speed		Load-carrying Capacity			
					SW		OD								Max Load		Inflation Pressure	
					mm	in	mm	in	mm	in	mm	in	kmph	mph	kg	lbs	bar	psi
12.00-24	20	TT	155 F	8.5	315	12.4	1247	49.1	568	22.4	3730	146.8	80	50	3875	8540	7.9	115

MLB 460 - [TT]

Tipper

Wide Centre Rib Pattern:
Excellent Road Grip & ease in steering

Transverse Tread Design:
Reduce stone trapping & better safety

Special Shoulder Design:
Helps for cooler running

Cooler Running Tread Compound:
Better Mileage and a Longer tire life

Extra Strong Casing:
High Load carrying capacity at high speeds

Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circumference	PR / Load Index Speed Symbol	Recommended Load		Inflation Pressure	Speed
		SW	OD				Single	Dual		
		mm	mm	mm	mm		kg	kg	Bar	Km/h
		in	in	in	in		lbs	lbs	Psi	mph
295/95D20	7.5	278	1073	487	3209	152/148J	3550	3150	8.6	100
		10.9	42.2	19.2	126.3		7830	6945	125	62

Tyre Care & Usage

Tyre Description

- **Section Height:**
The height of a tyre from the nominal rim diameter to the top of the tread.

- **Section Width:**
The width of a tyre including normal sidewalls, but not including protective side ribs, bars, or other decorations.

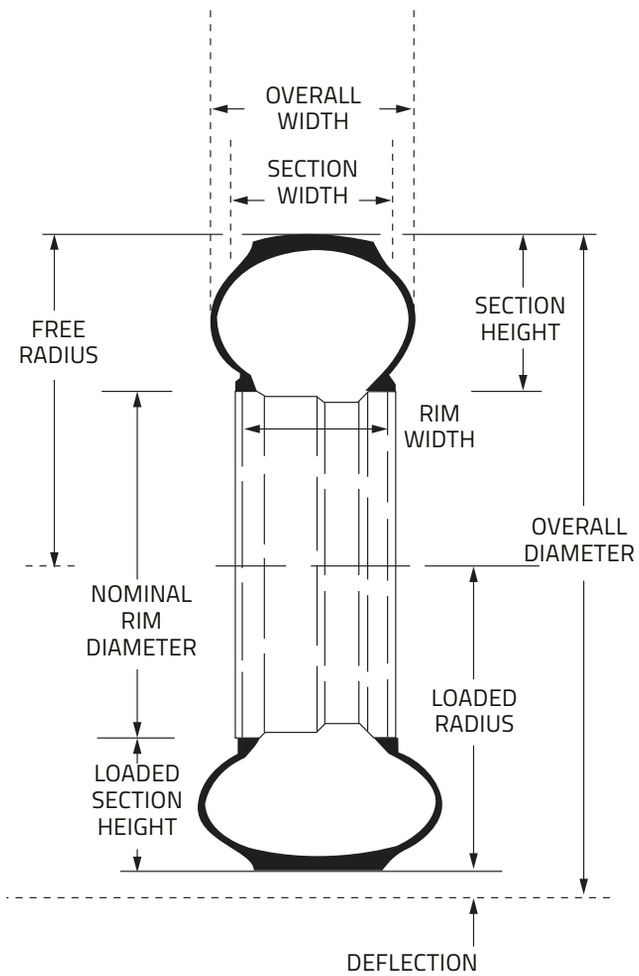
- **Overall Diameter:**
Twice the section height (unloaded) plus the nominal rim diameter.

- **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 tyre will roll in one revolution.

- **Aspect Ratio:**
Used to describe the ratio of tyre "section height" to "section width."
A tyre with an aspect ratio of 85 would have a tyre section height equal to 85% of the tyre's width.



Conversion Table

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	0.9	90
13	0.8	80
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	2.2	220
32	2.1	210
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	3.5	350
51	3.4	340
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 tyres clean and away from heat, light, ozone or hydrocarbon sources.
- Avoid prolonged exposure of the tyres to direct sunlight.
- Avoid any contact with grease, petrol, volatile solvents or other substances that may deteriorate the rubber.
- Avoid horizontal storage for tubeless tyres, only small size tyres may be stacked or stored flat (maximum 6 months).
- When tyres are stored flat (horizontal), the position must be lug against lug.
- Reduce inflation pressure when tyres are stored fitted on rims.
- Ensure there is no water or moisture inside the tyre.
- Never store tyres directly in contact with the ground for long periods.

Tyre repairs

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

Proper use of tyres

- When loading tyres you have to consider the correlation between speed, inflation pressure and load capacity.
- Overloading results in premature tyre 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 tyre stiff and decreases its resistance against hits, leading to ply tear.

Fitting and Removal Instructions

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 tyre on the rim, and cause the tyre to burst with explosive force leading to serious physical injury or death.

Fitting

01. Make sure that the rim, the tyre and the tube are compatible.
02. Check that the tyre is suitable for the machine. Use only rims recommended or permitted by the tyre 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 tyre 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 tyre in order to identify any damage which may be present. If the damage is considered to be beyond repair, the tyre should be scrapped.
06. If fitting with a tube, always use the correct new tube and flap for the tyre size. For fitting tubeless tyres 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 tyre (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 tyre 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 tyre. 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 tyre, 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 tyre keep at a safe distance and always use a safety cage. If possible, fasten the tyre 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 tyre 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 centred 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.

Fitting and Removal Instructions

Removing

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

Parameter for Extending Tyre Life

Recommendations to extend the lifespan of a tyre

Tyre pressure

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

Inflation pressure too low

Underinflation can reduce the lifespan due to:

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

Road use and operation in the field

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

Visual check

Tyres 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, tyres 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 tyre

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

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

The minimum tyre 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 tyre turning on the rim and tearing off the valve.

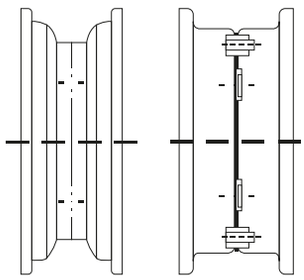
Direction of steering wheels on four wheel drive tractors

When fitting or changing tyres ensure that the directional arrow on the sidewall is pointing forward. It is possible to fit the front tyres 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 tyres. 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 tyre/rim combination.



Size designations of rims

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

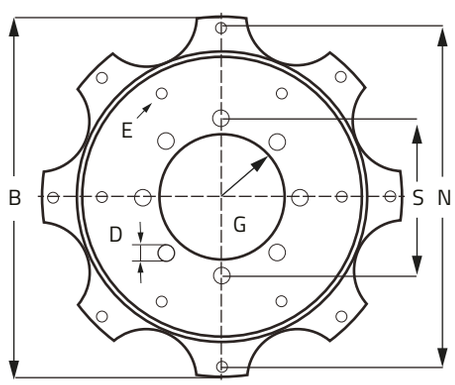
Single rim	Multi-piece rim
4.00 E x 16	13 - 508
This means: 4.00 = rim width code (inches) E = rim flange height x = one piece rim 16 = rim diameter code (inches)	This means: 13 = rim width code (inches) - = rim flange height 508 = rim diameter code (inches)

Rim choice

When using tubeless tyres, 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.

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



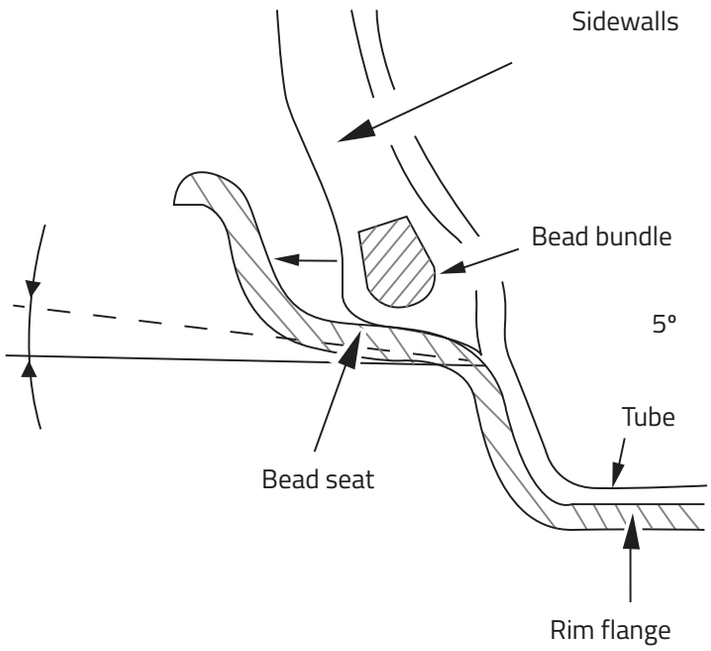
Warning

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



EAN Number: Bias

Sr. No	EAN Number	Application	Rim Diameter	Tyre Size	Pattern	PR	Type	Page No.
1	8904365500712	MULTI PURPOSE INDUSTRIAL	24	13.00-24	MIB 405	12	TL	47
2	8904365500729			13.00-24	MIB 405	16	TL	47
3	8904365503157			13.00-24	MIB 406	14	TL	48
4	8904365503164			14.00-24	MIB 406	16	TL	48
5	8904365500736			14.00-24	MIB 405	12	TL	47
6	8904365500743			14.00-24	MIB 405	16	TL	47
7	8904365502877			400/80-24	MIB 407	20	TL	49
8	8904365502884			440/80-24	MIB 407	22	TL	49
9	8904365500750		25	15.5-25	MIB 405	12	TL	47
10	8904365501276			15.5-25	MIB 405	16	TL	47
11	8904365503133			15.5-25	MIB 406	12	TL	48
12	8904365503140			17.5-25	MIB 406	16	TL	48
13	8904365500767			17.5-25	MIB 405	16	TL	47
14	8904365500774			20.5-25	MIB 405	16	TL	47
15	8904365503980		15.3	10.0/75-15.3	MPB 400	18	TL	50
16	8904365504017			11.5/80-15.3	MPB 400	18	TL	50
17	8904365503997		18	10.5-18	MPB 400	12	TL	50
18	8904365504024			12.5-18	MPB 400	12	TL	50
19	8904365504062		19.5	18-19.5	MPB 400	16	TL	50
20	8904365503973			18-19.5	MPB 400	18	TL	50
21	8904365504000		20	10.5-20	MPB 400	12	TL	50
22	8904365504031			12.5-20	MPB 400	12	TL	50
23	8904365505649			12.5-20	MPB 400	16	TL	50
24	8904365504048			14.5-20	MPB 400	14	TL	50
25	8904365504055			16.0/70-20	MPB 400	14	TL	50
26	8904365504765		20	12.5-20	MPB 401	12	TL	52
27	8904365500781	BACKHOE LOADER	16	11L-16	BHB 313	10	TL	25
28	8904365505083			9.00-16	BOSS BH 32	16	TT	30
29	8904365506196			9.00-16	BOSS BH 33	16	TT	31
30	8904365503171		18	10.5/80-18	BHB 310	12	TL	21
31	8904365500798			12.5/80-18	BHB 310	12	TL	21
32	8904365505892			12.5/80-18 HD	BHB 310	12	TL	22
33	8904365501504			12.5/80-18	BHB 310	14	TL	21
34	8904365504703			12.5/80-18	BHB 315	14	TL	27
35	8904365505755			340/80-18 (12.5/80-18)	BHB 314	12	TL	26
36	8904365504321			340/80-18 (12.5/80-18)	BHB 314	14	TL	26
37	8904365505762			340/80-18 (12.5/80-18)	BHB 314	16	TL	26
38	8904365506042			12.5/80-18	BOSS BH 30	12	TT	28
39	8904365502013			12.5/80-18	BOSS BH 30	14	TL	28
40	8904365503126		20	400/70-20 (16.0/70-20)	BHB 310	16	TL	21
41	8904365503096		24	14.9-24	BHB 310	12	TL	21
42	8904365500804			16.9-24	BHB 310	12	TL	21
43	8904365505816			16.9-24	BOSS BH 30	14	TL	28
44	8904365505809			16.9-24 HD	BHB 310	12	TL	22
45	8904365500811			17.5L-24	BHB 310	10	TL	21
46	8904365505823			17.5L-24	BOSS BH 30	16	TL	28
47	8904365502570			18.4-24 R4	BHB 310	12	TL	21
48	8904365500828			19.5L -24	BHB 312	12	TL	24
49	8904365506226			19.5L -24	BHB 315	14	TL	27
50	8904365500835			21L-24	BHB 312	12	TL	24
51	8904365504734		25	14.00-25	BOSS BH 31	12	TT	29

EAN Number: Bias

Sr. No	EAN Number	Application	Rim Diameter	Tyre Size	Pattern	PR	Type	Page No.
52	8904365502389	BACKHOE LOADER	25	14.00-25	BOSS BH 31	20	TT	29
53	8904365500842		26	18.4-26	BHB 310	12	TL	21
54	8904365505885			18.4-26 HD	BHB 310	12	TL	22
55	8904365501498			18.4-26	BHB 310	14	TL	21
56	8904365500859			18.4-26	BHB 311	12	TL	23
57	8904365504338			480/80-26 (18.4-26)	BHB 314	14	TL	26
58	8904365504444			18.4-26	BHB 315	14	TL	27
59	8904365501528			18.4-26	BOSS BH 30	14	TT	28
60	8904365500866		28	16.9-28	BHB 310	12	TL	21
61	8904365504994			16.9-28	BOSS BH 30	12	TT	28
62	8904365502020			16.9-28	BOSS BH 30	14	TL	28
63	8904365505878			16.9-28 HD	BHB 310	12	TL	22
64	8904365504451			16.9-28	BHB 315	14	TL	27
65	8904365500873		28	16.9-30	BHB 310	12	TL	21
66	8904365503102	SKID STEER	12	23x8.50-12	SSB 331	8	TL	36
67	8904365506103			26X12.00-12	SSB 331	12	TL	36
68	8904365502891		15	27x8.50-15	SSB 331	8	TL	36
69	8904365502907			27x10.50-15	SSB 331	8	TL	36
70	8904365502914			31x15.50-15	SSB 331	10	TL	36
71	8904365500057		16.5	10-16.5	SSB 330	8	TL	35
72	8904365500880			10-16.5	SSB 330	10	TL	35
73	8904365500088			12-16.5	SSB 330	10	TL	35
74	8904365500583			12-16.5	SSB 330	12	TL	35
75	8904365500040			10-16.5	SSB 331	8	TL	36
76	8904365500064			10-16.5	SSB 331	10	TL	36
77	8904365500071			12-16.5	SSB 331	10	TL	36
78	8904365500590			12-16.5	SSB 331	12	TL	36
79	8904365501900			10-16.5	SSB 332	10	TL	37
80	8904365501917			12-16.5	SSB 332	12	TL	37
81	8904365504215			10-16.5	SSB 333	10	TL	38
82	8904365504222			12-16.5	SSB 333	12	TL	38
83	8904365506110			33X15.50-16.5	SSB 331	12	TL	36
84	8904365500613		17.5	14-17.5	SSB 331	14	TL	36
85	8904365502921		19.5	15-19.5	SSB 331	14	TL	36
86	8904365502112	PAVING & COMPACTOR	26	23.1-26	PCB 360	8	TL	40
87	8904365500620			23.1-26	PCB 360	12	TL	40
88	8904365502693			28L-26	PCB 360	16	TL	40
89	8904365501542			23.1-26	PCB 360	16	TL	40
90	8904365500002	EXCAVATOR	20	8.25-20	EXB 380	14	TT	42
91	8904365500019			9.00-20	EXB 380	14	TT	42
92	8904365500026			10.00-20	EXB 380	16	TT	42
93	8904365500033			11.00-20	EXB 380	16	TT	42
94	8904365504697		22.5	500/60-22.5	EXB 386	18	TL	43
95	8904365501887			550/60-22.5	EXB 386	18	TL	43
96	8904365504680			600/40-22.5	EXB 386	18	TL	43
97	8904365505625			600/40-22.6 Steel Belted	EXB 386	20	TL	43
98	8904365502419			700/40-22.5 Dual Beed	EXB 386	18	TL	43
99	8904365504956			600/50-22.5	EXB 386	18	TL	43
100	8904365504673			650/45-22.5	EXB 386	18	TL	43
101	8904365505632			650/45-22.5 Steel Belted Dual Beed	EXB 386	20	TL	43
102	8904365504246	FORKLIFT	8	5.00-8	FLB 680	10	TT	60
103	8904365504277			18x7-8	FLB 680	16	TT	60
104	8904365504253		9	6.00-9	FLB 680	10	TT	60
105	8904365504741			6.00-9	FLB 680	12	TT	60

EAN Number: Bias

Sr. No	EAN Number	Application	Rim Diameter	Tyre Size	Pattern	PR/LSI	Type	Page No.
106	8904365504284	FORKLIFT	9	21x8-9	FLB 680	14	TT	60
107	8904365504260		10	6.50-10	FLB 680	12	TT	60
108	8904365504475		12	7.00-12	FLB 680	14	TT	60
109	8904365503669			7.00-12	FLB 680	12	TT	60
110	8904365503713		15	300-15	FLB 680	20	TT	60
111	8904365503676			7.00-15	FLB 680	12	TT	60
112	8904365503683			7.50-15	FLB 680	12	TT	60
113	8904365503706			28x9-15 (8.15-15)	FLB 680	14	TT	60
114	8904365503690			8.25-15	FLB 680	14	TT	60
115	8904365504369		20	10.00-20 HD	FLB 681	18	TT	61
116	8904365504376			12.00-20 HD	FLB 681	20	TT	61
117	8904365505526	PORT	24	12.00-24	PEB 721	20	TT	64
118	8904365501894			14.00-24	PEB 720	28	TL	63
119	8904365505519		25	16.00-25	PEB 720	32	TL	63
120	8904365506264			18.00-25	PEB 721	40	TL	64
121	8904365506240			18.00-25	PEB 722	40	TL	65
122	8904365506257			18.00-25	PEB 723	40	TL	66
123	8904365506059	BOOMLIFT	20	IN315/55D20	BLB 730	12	TL	57
124	8904365506066		24.5	IN355/55D625	BLB 730	14	TL	57
125	8904365506073			15-625	BLB 730	16	TL	57
126	8904365506080			18-625	BLB 730	16	TL	57
127	8904365506202		28	445/50D-710	BLB 730	18	TL	57
128	8904365506219	WHEEL LOADER	25	15.5-25	WLB 550	12	TL	69
129	8904365500637			17.5-25	WLB 550	16	TL	69
130	8904365505694			17.5-25	WLB 550	20	TL	69
131	8904365505700			17.5-25	WLB 550	24	TL	69
132	8904365500644			20.5-25	WLB 550	16	TL	69
133	8904365500651			20.5-25	WLB 550	20	TL	69
134	8904365500668			23.5-25	WLB 550	20	TL	69
135	8904365505274			26.5-25	WLB 550	28	TL	69
136	8904365500675	GRADER	24	13.00-24	TGB 610	12	TL	71
137	8904365500682			13.00-24	TGB 610	16	TL	71
138	8904365500699			14.00-24	TGB 610	12	TL	71
139	8904365500705			14.00-24	TGB 610	16	TL	71
140	8904365505717			14.00-24	BOSS TG 60	16	TL	72
141	8904365506233	MINING & LOGGING	20	295/95D20	MLB 460	152/148J	TT	76
142	8904365505045			10.00-20	BOSS ML 35	18	TT	74
143	8904365505052			11.00-20	BOSS ML 35	18	TT	74
144	8904365505069			12.00-20	BOSS ML 35	18	TT	74
145	8904365505076		24	12.00-24	BOSS ML 36	20	TT	75

EAN Number: Radial

Sr. No	EAN Number	Application	Rim Diameter	Tyre Size	Pattern	PR/LSI	Type	Page No.
1	8904365505960	COMPACT LOADER	18	365/70R18 Steel Belted	CLR 280	135B/146A2	TL	31
2	8904365505977			405/70R18 Steel Belted	CLR 280	141B/153A2	TL	31
3	8904365505984		20	335/80R20 Steel Belted	CLR 280	136B/147A2	TL	31
4	8904365505991			405/70R20 Steel Belted	CLR 280	143B/155A2	TL	31
5	8904365503010	MULTI PURPOSE INDUSTRIAL	18	340/80R18 Steel Belted	MIR 220	143A8/B	TL	53
6	8904365504659			340/80R18 Steel Belted	MIR 221	143A8/B	TL	54
7	8904365503027		20	400/70R20 Steel Belted	MIR 220	149A8/B	TL	53
8	8904365504291		24	400/80R24 Steel Belted	MIR 220	162A8/B	TL	53
9	8904365504345			440/80R24 Steel Belted	MIR 220	168A8/B	TL	53
10	8904365502990			460/70R24 Steel Belted	MIR 220	159A8/B	TL	53
11	8904365503003			500/70R24 Steel Belted	MIR 220	164A8/B	TL	53
12	8904365504482			460/70R24 Steel Belted	MIR 221	159A8/B	TL	54
13	8904365504499			500/70R24 Steel Belted	MIR 221	167A8/B	TL	54
14	8904365503034		26	480/80R26 Steel Belted	MIR 220	167A8/B	TL	53
15	8904365504666			480/80R26 Steel Belted	MIR 221	167A8/B	TL	54
16	8904365503041		28	440/80R28 Steel Belted	MIR 220	156A8/B	TL	53
17	8904365504505			440/80R28 Steel Belted	MIR 221	163A8/B	TL	54
18	8904365506356	BACKHOE, EXCAVATOR, TELEHANDLER	24	400/80R24 Steel Belted	MDR 1000	149A8/144D	TL	55
19	8904365506295			440/80R24 Steel Belted	MDR 1000	154A8/149D	TL	55
20	8904365506332		28	400/80R28 Steel Belted	MDR 1000	151A8/146D	TL	55
21	8904365506301			440/80R28 Steel Belted	MDR 1000	156A8/151D	TL	55
22	8904365506349			480/65R28 Steel Belted	MDR 1000	154A8/149D	TL	55
23	8904365506363			540/65R28 Steel Belted	MDR 1000	160A8/155D	TL	55
24	8904365506318		30	440/80R30 Steel Belted	MDR 1000	157A8/153D	TL	55
25	8904365506325		34	440/80R34 Steel Belted	MDR 1000	159A8/155D	TL	55
26	8904365506271			480/80R34 Steel Belted	MDR 1000	164A8/159D	TL	55
27	8904365506288		38	480/80R38 Steel Belted	MDR 1000	166A8/161D	TL	55

DRIVE ON 7 YEAR WARRANTY

on Agriculture Radial Tyres

ASCENSO

never stop rising

Ascenso International Warranty Policy for Agriculture Radial Tyres

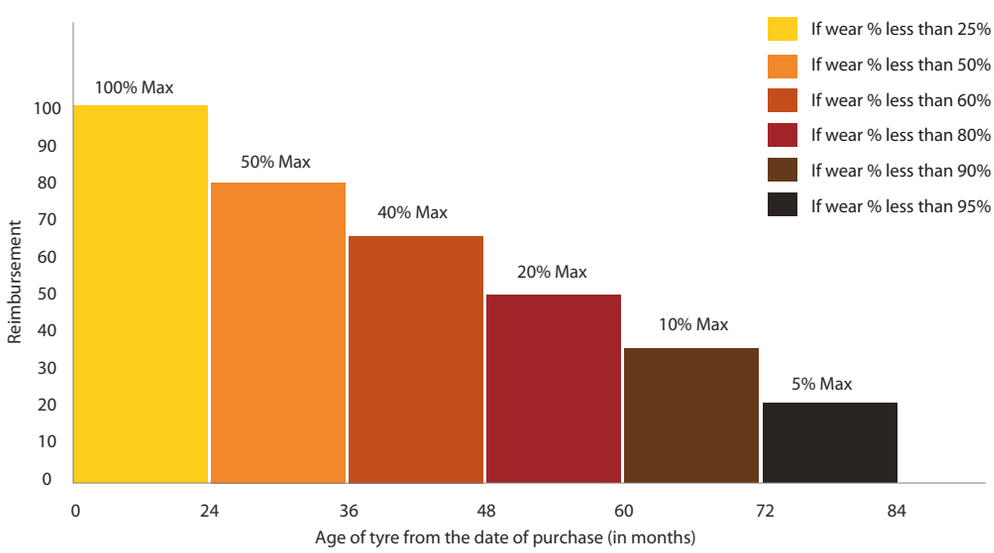
This limited warranty covers ASCENSO branded Agriculture Radial tyres that are sold in Europe, Australia, New Zealand, Asia Pacific, Middle East, Africa and Latin America Markets, are manufactured on or after April 1, 2020 and meet the following criteria:

1. Tyres that bear the name ASCENSO and the complete DOT codes, molded on the sidewall.
2. Products with at least 2mm of tread remaining.
3. The replacement percentage will be multiplied by the original purchase price of the tyre (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 tyre in effect at the time of adjustment.
4. Tyres 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. Tyres 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 tyres 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 tyre will be determined by a sales invoice showing the date of purchase. If a proof of purchase is not available, the age of a tyre will be determined from the date of manufacture, moulded on the sidewall.
9. This warranty coverage is for tyres used in normal applications and any use outside specifications automatically voids this warranty.
10. All adjusted tyres will be disabled, and their DOT codes will be removed. The customer will be responsible for disposal of the adjusted tyres.
11. If a tyre in normal agricultural services becomes unserviceable within the time or tread-wear periods shown below, it will be replaced with a comparable new ASCENSO tyre 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 tyre's purchase month or service cannot be accurately determined, then the date of manufacture will be considered for replacement.
* Agriculture Tyres include Tractor Radial, Flotation Radial and Agro Industrial Radials.
* If the tyre wear is more than above mentioned for each period, % credit will be calculated on pro-rata basis of the remaining tread depth.

Limitations

1. This limited warranty is applicable to the original purchaser and is not assignable to any subsequent owner.
2. Any tyre, 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 tyre 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 tyres 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 tyre, 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 tyre.
  2. Claims for irregular or rapid tread-wear
  3. Full service rendered, repaired or retread tyres
  4. Any modifications to the tyre (like added buttress shoulders, retreading, regrooving)

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

DRIVE ON 5 YEAR WARRANTY

on all Bias Tyres

ASCENSO

never stop rising

Ascenso International Warranty Policy for all Bias Tyres

Limited warranty

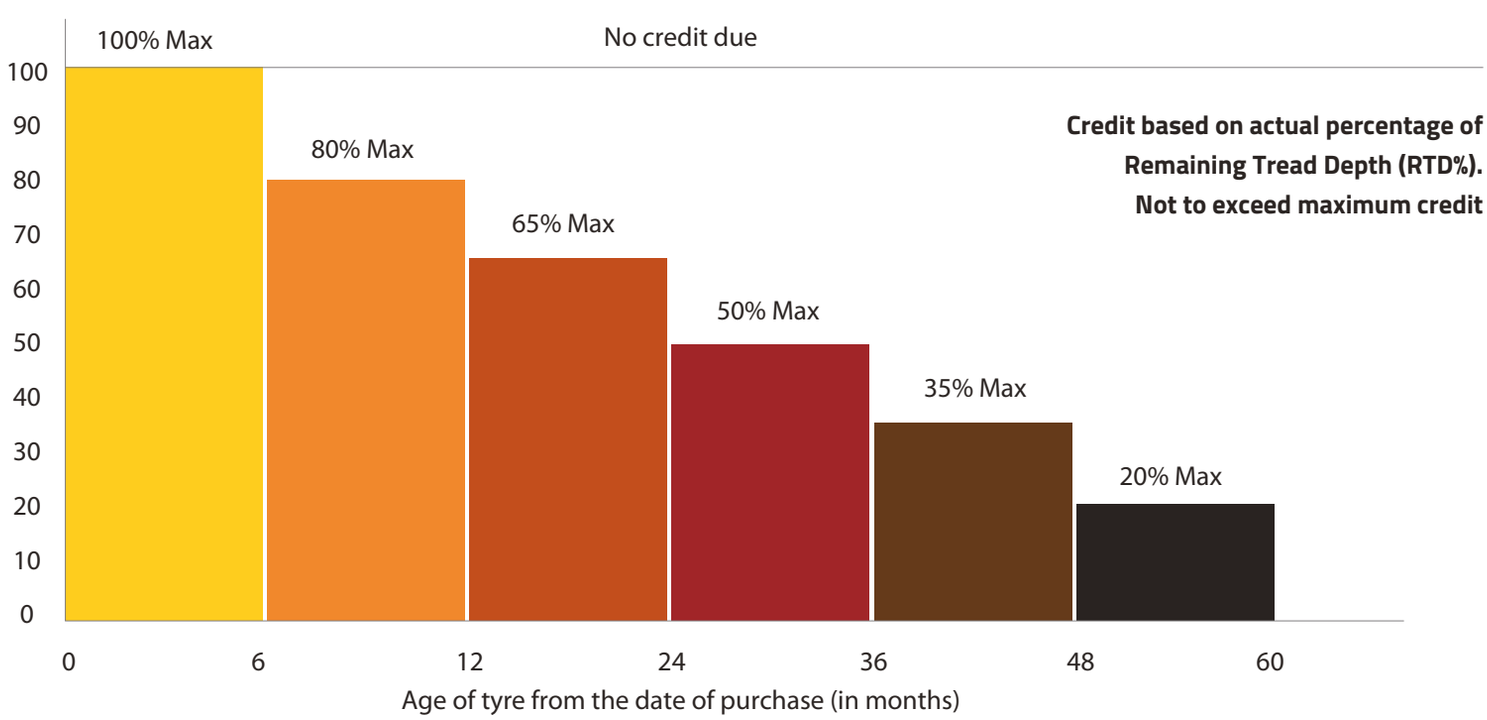
This limited warranty covers ASCENSO branded Bias tyres that are sold in Europe, Australia, New Zealand, Asia Pacific, Middle East, Africa and Latin America Markets, are manufactured on or after April 1, 2020 and meet the following criteria:

Eligibility

- Every tyre bearing the name ASCENSO and with a complete DOT codes moulded in the sidewall is warranted to be free from manufacturing defects within the manufacturer's control.
- Products with at least 2 mm of tread remaining.
- The replacement percentage will be multiplied by the original purchase price of the tyre (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 tyre in effect at the time of adjustment.
- All adjusted tyres will be disabled, and the DOT codes will be removed. The customer is responsible for the disposal of all adjusted tyres.
- This warranty coverage is for tyres used within published design specifications for ASCENSO tyres. 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) tyres.
- If an examination by an authorized ASCENSO representative shows that any such tyre 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 tyre 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 tyre. 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 tyre, 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 tyre 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 tyre warranties are subject to the following exclusions:

1. Tyres purchased after 60 months from the date of manufacture.

2. Tyres for which alternative warranties or guarantees have been negotiated.

3. Tyres used under chains. ASCENSO does recognize that in many applications tyre chains provide enhanced tyre protection and may extend the tyre life. In these cases, ASCENSO may extend special negotiated warranties. Please consult your ASCENSO Off Road Tyre Division representative for details.

4. Damage resulting from misuse, improper mounting, misapplication, use of non-approved rims, improper inflation, overloading, running on a flat tyre, 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 tyre, 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 tyre which is operated above its ton-mile-per hour (TMPH) or ton-kilometre-per hour (TKPH) rating.

7. Tyres mounted with non-approved tubes or O-rings.

8. Used, repaired or retread tyres.

9. Any modifications to the tyre (like added buttress shoulders, regrooving, relugging).

10. Any material added to the tyre (like tyre fill, sealer, balancer).

11. Use of a solid type fill (such as urethane).

Limited warranty exclusions

12. Any costs associated with the repair of tyres (unless previously approved by ASCENSO).

13. Costs of mounting and balancing following pro-rated replacement or repair of tyres or tubes, and applicable federal, state, provincial, and local taxes.

14. Cost of disposal of warranted tyres. Disposal of tyres 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 tyre 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.

Tread Green
Towards a zero carbon footprint

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

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Please sign and stamp inside the box

Distributor/Dealer

Version: July 2023