

Due to continuous research specifications to change without notice.



CEAT

Head Office: CEAT Mahal, 463, Dr. Annie Besant Road, Worli, Mumbai 400 030. INDIA
Tel.: +91 22 24930621 • Fax: +91 22 24934229 • Website: www.ceat.in

June 2014

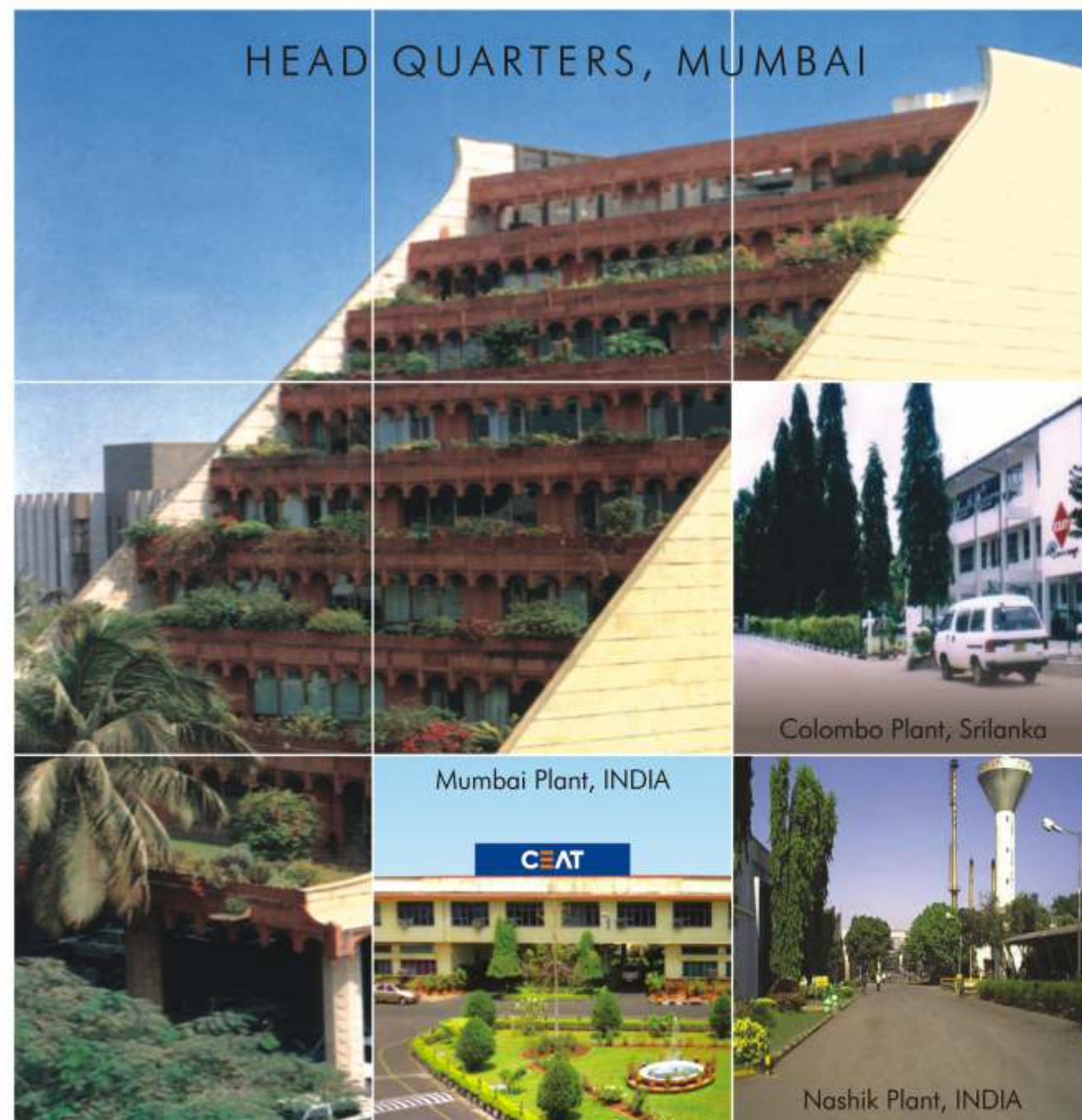
 **RPG**



CEAT

SPECIALITY TYRES

CEAT INDIA



I N D I A

**Corporate
CEAT Limited**

RPG House, 463, Dr Annie Besant Road, Worli, Mumbai - 400 030
Telephone: +91 22 2493 0621 • Fax: +91-22-2493 4229 • Website: www.ceat.in

Mr. Sandeep Gulati

Vice President Exports
Phone: +91-22-24930621
Direct: +91-22-66616270
Fax: +91 -22 - 2493 4229 / 2493 8933
Mobile: +91 9769005151
Email: sandeep.gulati@ceat.in

Mr. Amit Tolani

General Manager - Exports
Direct: +91 22 66616291
Fax: +91 22 24934229
Fax: +91 -22 - 2493 4229 / 2493 8933
Mobile: +91 9930598555
Email: amit.tolani@ceat.in

East Africa

Mr. Aklim Khan
Manager - Exports
Phone: +91-22-24930621
Direct: +91-22-66616219
Fax: + 91-22-2493 4229 / 2493 8933
Mobile: +91 8879280849
Email: aklim.khan@ceat.in

West Africa

Mr. Priyadarshini Paul
Senior Manager - Exports
Phone: +91-22-24930621
Direct: +91-22-66616219
Fax: + 91-22-2493 4229 / 2493 8933
Mobile: +91 8879280843
Email: priyadarshini.paul@ceat.in

Europe

Mr. Naveen Mendon
Senior Manager - Exports
Phone: +91-22-24930621
Direct: +91-22-66616223
Fax: + 91-22-2493 4229 / 2493 8933
Mobile: +91 9769005082
Email: naveen.mendon@ceat.in

Marketing

Mr. Ronak Ram
Manager International Marketing
Phone: +91-22-24930621
Direct: +91-22-66616224
Fax: +91-22 - 2493 4229 / 2493 8933
Mobile: +91 9930876586
Email: ronak.ram@ceat.in

South & North America

Mr. Salil Chowdhary
Manager - Exports
Direct: 0091 22 66616224
Fax: 0091 22 24934229
Fax: +91 -22 - 2493 4229 / 2493 8933
Mobile: 0091 8879116734
Email: salil.chowdhary@ceat.in

Far East 2 (SE Asia & Pacific)

Mr. Arjun Seth
Senior Manager - Exports
Phone: +91-22-24930621
Direct: +91-22-66616224
Fax: + 91-22-2493 4229 / 2493 8933
Mobile: +91 9833138843
Email: arjun.seth@ceat.in

Far East 1 (Indonesia & Singapore)

Mr. Narayan Ganesh
Senior Manager - Exports
Direct: (+62)-21 29398826
Fax: (+62)-21 29398827
Mobile: (+62)-81290070351
Email: ganesh.narayan@ceat.in

Middle East

Mr. Pawan Rana
General Manager - Exports
Direct: +97142314510
Fax: +97142314511
Mobile: +971559917108
Email: pawan.rana@ceat.in

Nepal

Mr. Surat Panigrahy
Manager - Exports
Mobile: 00977 9818214106
Email: surat.panigrahy@ceat.in


INDEX

Sr. No.	Topic	Page No.
1.	Company Profile	1
2.	Quality Systems & Certification	3
3.	General Information	4
	a. Agricultural Tyres	4
	b. Off The Road & Industrial Tyres	5
	c. Industry Codes	7
4.	Tyre Care & Maintenance Guidelines	9
5.	Definition of Terms for Off Road Tyres	12
6.	Earthmover Tyres	13
	a. Grip Master ND - Category E3 / L3 (Tubeless / Tube Type)	14
	b. Rock - XL - Category E3 / L3	14
	c. Trac - XL - Category E3 / L3 (Tubeless / Tube Type)	15
	d. Trac - XL - Category E3 / L3 (Tube Type)	15
	e. Rock - XL - Category E4 / L4 (Tubeless)	16
	f. Grip Master XL - Category E4 / L4 (Tubeless / Tube Type)	16
	g. Grip Master Grader-XL - Category G2 / L2 (Tubeless / Tube Type)	17
	h. Grip Master Loader-XL (Wide Base) - Category G2/ L2 (Tubeless / Tube Type)	17
	i. Grip Master Loader-XL (Wide Base) (Tubeless / Tube Type)	18
	j. Super Transport Lug	18
	k. Slick 413 - Category Underground Mining (Tube Type)	19
	l. Slick 404 - Category L5 S, Smooth Extra Deep Tread (Tubeless / Tube Type)	19
	m. Multi Purpose Tyre (MPT 602)	20
	n. Multi Purpose Tyre (MPT 800)	20

INDEX

Sr. No.	Topic	Page No.
7.	Industrial Tyres	21
a.	Eleveta (Forklift) (Tube Type)	22
b.	Slick 413	22
c.	Skid Steer - Grip Master Loader (Tubeless)	23
d.	Grip Master Loader H.D. (Tubeless)	23
e.	Tyrocks Super - Drive Wheel R4 (Tube Type / Tubeless)	24
f.	Tyrocks - Industrial Tractor R4	25
g.	Slick 431 - Category L4 S (IND)	26
h.	Slick 404 - Category L5 S Smooth Extra Deep Tread (Tubeless / Tube Type)	26
i.	Port Pro SL - IND 4 Smooth Extra Deep Tread (Tubeless)	27
j.	Port Pro SL - IND 5 Smooth Extra Deep Tread	27
k.	Port Pro RX - Category IND 4 (Tubeless)	28
l.	Port Pro RX - Category IND 4 (Tubeless)	28
m.	Port Pro RX - Category IND 3 (Tubeless)	29
n.	Port Pro TX - Category IND 3 (Tubeless)	29
o.	Rock - XL - 12.00-24 (Tube Type)	30
p.	Rock - XL - E3 (IND) Tubeless	30
q.	Grip Master ND - Category E3 (Tubeless / Tube Type)	31
r.	Grip Master XL - Category E4 (Tubeless)	31
s.	Grip Master - 12.00-20 20 PR (Tube Type)	32
t.	C 305 - Drive Wheel R3 (Tube Type / Tubeless)	32
8.	Farm Tyres	33
a.	Samrat - Drive Wheel R1 (Tube Type)	34
b.	Samrat Plus - Drive Wheel R1 (Tube Type)	34
c.	Samrat Super - Drive Wheel R1 (Tube Type)	35
d.	Aayushmaan Rice Special - Drive Wheel R2 (Tube Type)	35
e.	Farmax - Tractor Rear R1 (Tube Type)	36
f.	Irr-O-Gator - Drive Wheel R1 (Tube Type / Tubeless)	37
g.	Samrat - Tractor Front F2 (Tube Type)	37
h.	Samrat Super - Tractor Front F2 (Tube Type)	38
i.	Farmax - Tractor Front F2 (Tube Type)	38
j.	Flotation Implement Flotation Plus - Tubeless	39
k.	Flotation Implement - Flotation T422	39
l.	Flotation Implement - Flotation T422 (Tubeless)	40
m.	Traction Implement - Traction TR 800 (Tubeless)	41
n.	Farm Implement I-1	41
o.	Aayushmaan (R1) - Tubetype	42
p.	Aayushmaan (F2) - Tubetype	42
q.	Harvestor - Tubetype	43
r.	Samraat Turbo Lug - Tractor trailer - Tubetype	43

		HARVESTOR TUBETYPE <ul style="list-style-type: none"> • Double angle wide lugs, Strong nylon casing, Wear & cut resistant tread compound • High traction, Self cleaning, Better grip in both in field & road. Excellent for harvester application. 									
Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circumference	PR	Load Index	Speed Symbol	Infl. Pressure	Load Carrying Capacity- Kg	Tread Depth
		SW	OD								
		mm in	mm in	SLR mm in	RC mm in				Bar Psi		mm in
18.4-30	W16L	488 19.2	1575 62.0	725 28.5	4650 183.1	14	151/147	A6/A8	38	3450 @ A6/3075 @ A8	43 1.7

		TRACTOR TRAILER SAMRAAT TURBO LUG TUBETYPE <ul style="list-style-type: none"> • 3 Rib design with solid centre rib, Strong nylon casing, Cut resistant tread compound. • Longer tyre life, Improved puncture resistance. 									
Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circumference	PR	Load Index	Speed Symbol	Infl. Pressure	Load Carrying Capacity- Kg	Tread Depth
		SW	OD								
		mm in	mm in	SLR mm in	RC mm in				Bar Psi		mm in
9.00-16	6.50H	263 10.4	925 36.4	426 16.8	2683 105.6	16	NA	NA	7.3 105	2290	20 0.8



AAYUSHMAAN (R1)

TUBETYPE

- Double angle design lugs, Strong nylon casing, Cut resistant tread compound
- Higher Non Skid Depth, Dual angle lugs; Mud ejectors, Strong nylon casing
- High traction, Self cleaning, Excellent for haulage & field, Longer tyre life

Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circumference	PR	Load Index	Speed Symbol	Infl. Pressure	Load Carrying Capacity- Kg	Tread Depth
		SW	OD								
		mm in	mm in								
12.4-28	W11	325 12.8	1276 50.2	590 23.2	3780 148.8	12	125/122	A6 / A8	36	1650 @ A6 /1500 @ A8	38 1.5
13.6-28	W12	356 14.0	1320 52.0	613 24.1	3930 154.7	12	128/124	A6 / A8	33	1800 @ A6 /1600 @ A8	40 1.6
14.9-12	W13	386 15.2	1380 54.3	639 25.2	4095 161.2	12	134/130	A6 / A8	33	2120 @ A6 /1900 @ A8	40.5 1.6
11.2-24	W10	292 11.5	1115 43.9	510 20.1	2450 96.5	8	116/112	A6 / A8	35	1250 @ A6 /1120 @ A8	28 1.1
16.9-28	W15L	442 17.4	1450 57.1	672 26.5	4305 169.5	12	143/139	A6 / A8	35	2725 @ A6 /2430 @ A8	40 1.6
9.5-24	W8	241 9.5	1055 41.5	487 19.2	0 0.0	8	112	A6	41	1120	28 1.1



FARM 2

AAYUSHMAAN (F2)

TUBETYPE

- 3 Rib design with solid centre rib, High Non Skid Depth, Stone ejectors, Strong nylon casing
- Longer tyre life, Improved puncture resistance


Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circumference	PR	Load Index	Speed Symbol	Infl. Pressure	Load Carrying Capacity- Kg	Tread Depth
		SW	OD								
		mm in	mm in								
6.00-16	4.50E	170 6.7	745 29.3	343 13.5	2196 86.5	8	94	A6	4.4 64	670	24 0.9

INDEX-SIZE WISE

Bead Dia	Size	Tread Pattern	Page
9"	6.00-9	Eleveta	22
	6.90-9	Eleveta	22
10"	6.50-10	Eleveta	22
12"	7.00-12	Slick 413	19
	7.00-12	Eleveta	22
	7.00-12	Slick 413	22
	14.9-12	Aayushmaan (R1)	42
15"	8.25-15	Eleveta	22
	7.60-15 SL	Farm Implement	41
	9.5L-15 SL	Farm Implement	41
	11L-15 SL	Farm Implement	41
	12.5L-15 SL	Farm Implement	41
15.5"	400/60-15.5	Traction TR 800	41
16"	6.00-16	Samraat	37
	7.50-16	Samraat	37
	6.00-16	Samraat Super	38
	10.00-16	Farmax	38
	11.00-16	Farmax	38
	6.00-16	Aayushmaan (F2)	42
16.5"	9.00-16	Samraat Turbo Lug	43
	10-16.5	Grip Master Loader	23
	12-16.5	Grip Master Loader	23
	10-16.5 HD	Grip Master Loader H.D.	23
	12-16.5 HD	Grip Master Loader H.D.	23
17"	480/45-17	Flotation Implement Flotation Plus	39
	500/50-17	Flotation Implement Flotation Plus	39
18"	12.5-18	MPT 602	20
	12.5/ 80-18	Tyrock	25
20"	14.00-20	Trac - XL	15
	9.00-20	CT Super	18
	10.00-20	Trac - XL	18
	11.00-20	Rock-XL	18
	9.00-20	Slick 413	19
	12.00-20	Slick 404	19
	10.00-20	MPT 602	20
	12.5-20	MPT 602	20
	14.5-20	MPT 602	20
	405/70-20	MPT 602	20
	405/70-20	MPT 800	20
	12.00-20	Slick 404	26
	12.00-20	Grip Master	32
	6.50-20	Samraat	37
22.5"	550/60-22.5	Flotation Implement	39
	550/45-22.5	Flotation T422	40
	500/60-22.5	Flotation T422	40
	550/60-22.5	Flotation T422	40
	600/50-22.5	Flotation T422	40
	600/55-22.5	Flotation T422	40
	700/50-22.5	Flotation T422	40
	700/40-22.5	Flotation T422	40
24"	14.00-24	Grip Master ND	14
	13.00-24	Grader-XL	17
	14.00-24	Grader-XL	17
	12.00-24	Rock-XL	18
	12.00-24	Trac - XL	18
	12.00-24	Slick 404	19
	14.00-24	Slick 404	19
	405/70-24	MPT 602	20
	405/70-24	MPT 800	20
	19.5L-24	Tyrock 80	24
	14.00-24	Slick 404	26
	12.00-24	Port Pro RX	28
	12.00-24	Rock-XL	30
	14.00-24	Gripmaster ND	31
	9.5-24	Samraat Super	35
	12.4-24	Samrat Super	35
	14.9-24	Farmax	36

INDEX-SIZE WISE

Bead Dia	Size	Tread Pattern	Page
	16.9-24	Farmax	36
	12.4-24	Farmax	36
	11.2-24	Irr-O-Gator	37
	11.2-24	Aayushmaan (R1)	42
	9.5-24	Aayushmaan (R1)	43
25"	14.00-25	Grip Master ND	14
	16.00-25	Rock-XL	14
	21.00-25	Rock-XL	14
	17.5-25	Trac - XL	15
	20.5-25	Trac - XL	15
	23.5-25	Trac - XL	15
	26.5-25	Trac - XL	15
	18.00-25	Rock-XL	16
	18.00-25	Grip Master XL	16
	15.5-25	Loader-XL	17
	17.5-25	Loader-XL	17
	20.5-25	Loader-XL	18
	14.00-25	Slick 404	19
	17.5-25	Slick 404	19
	18.00-25	Slick 404	19
	16.00-25	Slick 431	26
	18.00-25	Slick 404	26
	18.00-25	Port Pro SL	27
	18.00-25	Port Pro SL	27
	18.00-25	Port Pro RX	28
	21.00-25	Port Pro Rx	29
	18.00-25	Port Pro Tx	29
	21.00-25	Port Pro Tx	29
	16.00-25	Rock-XL	30
	21.00-25	Rock-XL	30
	18.00-25	GripMaster ND	31
	18.00-25	GripMaster XL	31
26"	23.1-26	C 305	32
	18.4-26	Farmax	36
26.5"	700/50-26.5	Flotation Implement Flotation T422	39
	600/55-26.5	Flotation T422	40
	700/50-26.5	Flotation T422	40
	800/45-26.5	Flotation T422	40
28"	16.9-28	Tyrock Super	24
	16.9-28	Samrat Plus	34
	12.4-28	Samrat Super	35
	13.6-28	Samrat Super	35
	14.9-28	Samrat Super	35
	12.4-28	Aayushmaan - Rice Special	35
	11.2-28	Farmax	36
	14.9-28	Farmax	36
	16.9-28	Farmax	36
	12.4-28	Aayushmaan (R1)	42
	13.6-28	Aayushmaan (R1)	42
	16.9-28	Aayushmaan (R1)	42
30"	16.9-30	Samrat	34
	18.4-30	Samrat Super	35
	18.4-30	Farmax	36
	16.9-30	Farmax	36
	18.4-30	Harvestor	43
33"	18.00-33	Rock-XL	16
	18.00-33	Port Pro SL	27
	18.00-33	Port Pro RX	28
34"	18.4-34	Farmax	36
35"	21.00-35	Rock-XL	16
	24.00-35	Rock-XL	16
	21.00-35	Port Pro TX	29
36"	13.6-36	Farmax	36
38"	13.6-38	Farmax	36
	15.5-38	Farmax	36
	16.9-38	Farmax	36
	18.4-38	Farmax	36

TRACTION IMPLEMENT											
TRACTION TR 800											
TUBELESS											
			<ul style="list-style-type: none"> ALTURA Traction TR 800 pattern is designed to carry high load for both off and on road use, implement and industrial / construction applications. Tread pattern is engineered to provide excellent traction to drive wheel, thus making the tyre suitable for free rolling as well as drive wheel applications. 								
			Free Rolling Wheel				Drive Wheel				
Size	Rim inches	Outer Diameter mm	Section Width mm	Static Loaded Radius mm	Rolling Circumference mm	PR	Inflation Pressure bar	Load Index Speed Symbol	Load Capacity (Kg)	Load Index Speed Symbol	Load Capacity (Kg)
400/60-15.5	13.0	910	400	408	2662	14	3.5	140 A8	2500	127 A8	1750

All tyres conform to ETRTO Standards

I-1											
FARM IMPLEMENT											
AGRICULTURAL IMPLEMENT I-1											
			<ul style="list-style-type: none"> Multi rib low section design provides high flotation. Extra wide tread and high volume provides high load carrying capacity at low inflation pressures. Suitable for both on and off-the-road service. 								
			Unloaded dimension				Load Capacity, kg (lbs)				
Size	Rim Width in	SW		OD	Loaded Static Radius mm	Rolling Circum mm	PR	Infl. press. bar psi	Speed, km/h (mph)		
		mm in	mm in						Static	15 10	50 31
7.60 - 15 SL	5.5	193 7.6	734 28.9	328 12.9	2150 84.6		6	2.8 40	1600 3530	920 2030	800 1760
								3.6 52	1900 4190	1095 2415	950 2095
9.5L - 15 SL	7.0	241 9.5	767 30.2	341 13.4	2247 88.5		6	2.2 32	1850 4080	1065 2180	925 2040
								3 44	2240 4940	1290 2845	1120 2470
11L - 15 SL	8.0	279 11.0	777 30.6	345 13.6	2275 89.6		6	1.9 28	1950 4300	1120 2470	975 2150
								2.5 36	2300 5070	1325 2920	1150 2540
12.5L - 15 SL	10.0	318 12.5	823 32.4	363 14.3	2411 94.9		8	3.0 44	2640 5820	1520 3350	1320 2910
								2.5 36	2720 5995	1565 3450	1360 3000
							10	3.0 44	3100 6835	1785 3935	1550 3420

All tyres conform to T & RA Standards



FLOTATION IMPLEMENT FLOTATION T422 TUBELESS

- Flotation Tubeless tyres developed with high inner volume ensures low specific ground pressure preventing damages to fields & crops.
- Tough Nylon casing can withstand the severe deflection in service.
- High strength bead wires coupled with design of contour & insulation compound withstands high stress in the bead region.
- Suitable for both on and off road agricultural service.

Sl. No.	Size	Rim inches	Outer Diameter mm	Section Width mm	Static Loaded radius mm	Rolling Circumference mm	PR	Free Rolling Load Index Speed Symbol	Drive Wheel Load Index Speed Symbol	Infl. Press. bar	Load Capacity(kgs) at different speed (kmph)				Load Capacity(kgs) at different speed (kmph)			
											Free Rolling Wheel				Drive Wheel			
											10	25	40	50	10	25	40	50
1	550/45-22.5	16.00 DC	1070	550	470	3100	12	153A8, 149B	141A8, 137B	1.5	4200	3570	3000	2700	2950	2510	2110	1900
										1.9	4820	4090	3440	3100	3400	2890	2430	2190
										2.1	5110	4350	3650	3290	3610	3060	2575	2320
										2.4	5600	4760	4000	3600	3930	3340	2810	2530
2	500/60-22.5	16.00 DC	1170	500	510	3380	12	157A8, 154B	145A8, 142B	2.6	5870	4990	4190	3770	4120	3500	2940	2650
										2.8	6130	5210	4375	3940	4310	3660	3075	2770
										2.0	5190	4410	3710	3340	3650	3110	2610	2350
										2.2	5490	4660	3920	3530	3860	3280	2760	2480
3	550/60-22.5	16.00 DC	1238	550	540	3580	12	160A8, 156B	148A8, 144B	2.8	6310	5370	4510	4060	4470	3800	3190	2870
										3.0	6570	5580	4690	4220	4650	3950	3320	2990
										3.2	6830	5800	4875	4390	4830	4110	3450	3110
										1.8	5460	4640	3900	3510	3820	3250	2730	2460
4	600/50-22.5	20.00 DC	1170	600	510	3380	12	159A8, 156B	147A8, 144B	2.1	5980	5080	4270	3840	4190	3560	2990	2690
										2.3	6300	5360	4500	4050	4410	3750	3150	2840
										2.4	6510	5530	4650	4190	4610	3920	3290	2960
										2.6	6820	5800	4870	4380	4830	4110	3450	3110
5	600/55-22.5	20.00 DC	1238	600	540	3580	12	164A8, 160B	151A8, 148B	3.0	7420	6310	5300	4770	5250	4460	3750	3380
										1.5	5180	4400	3700	3330	3640	3090	2600	2340
										1.7	5570	4740	3980	3580	3920	3330	2800	2520
										2.0	6130	5210	4375	3940	4310	3660	3075	2770
6	600/55-26.5	20.00 DC	1333	600	585	3850	12	165A8, 161B	153A8, 149B	2.2	6540	5560	4670	4200	4630	3940	3310	2980
										2.4	6870	5840	4910	4420	4870	4140	3480	3130
										2.6	7210	6130	5150	4640	5110	4340	3650	3290
										1.5	5920	5030	4230	3810	4090	3470	2920	2630
7	700/50-22.5	24.00 DC	1238	700	550	3650	12	168A8, 164B	156A8, 153B	1.7	6370	5410	4550	4100	4400	3740	3140	2830
										2.0	7000	5950	5000	4500	4830	4110	3450	3110
										2.2	7360	6260	5260	4730	5080	4320	3630	3270
										2.4	7740	6580	5530	4980	5350	4550	3820	3440
8	700/40-22.5	24.00 DC	1170	700	510	3380	12	169A8, 166B	156A8, 153B	2.6	8120	6900	5800	5220	5600	4760	4000	3600
										1.5	6090	5180	4350	3920	4310	3670	3080	2770
										1.8	6780	5760	4840	4360	4800	4080	3430	3090
										2.0	7210	6130	5150	4640	5110	4340	3650	3290
9	700/50-26.5	24.00 DC	1333	700	585	3850	12	170A8, 167B	159A8, 156B	2.2	7620	6470	5440	4900	5260	4420	3670	3370
										2.4	8020	6820	5730	5160	5640	4960	4170	3750
										2.6	8400	7140	6000	5400	6130	5210	4375	3940
										1.6	6510	5530	4650	4190	4650	3950	3320	2990
10	800/45-26.5	28.00 DC	1343	800	585	3850	12	174A8, 170B	162A8, 158B	1.8	6970	5930	4980	4480	4980	4240	3560	3200
										2.2	7840	6660	5600	5040	5600	4760	4000	3600
										2.4	8570	7280	6120	5510	6080	5160	4340	3910
										2.8	9380	7970	6700	6030	6650	5650	4750	4280
11	800/45-22.5	24.00 DC	1170	700	510	3380	12	160A8, 157B	148A8, 144B	1.7	5730	4870	4090	3680	4000	3400	2860	2570
										2.0	6300	5360	4500	4050	4410	3750	3150	2840
										2.2	6730	5720	4810	4330	4760	4050	3400	3060
										2.6	7420	6310	5300	4770	5250	4460	37850	3380
12	800/50-22.5	24.00 DC	1238	700	540	3580	12	166A8, 162B	154A8, 150B	3.0	7280	6190	5200	4680	5210	4430	3720	3350
										3.4	7840	6660	5600	5040	5600	4760	4000	3600
										1.6	7570	6440	5410	4870	5390	4580	3850	3470
										1.8	8120	6900	5800	5220	5780	4910	4125	3710
13	800/50-26.5	24.00 DC	1333	700	585	3850	12	168A8, 165B	156A8, 153B	2.2	8920	7580	6370	5730	6310	5370	4510	4060
										2.4	9380	7970	6700	6030	6650	5650	4750	4280
										1.5	7810	6640	5580	5020	5530	4700	3950	3560
										1.7	8400	7140	6000	5400	5950	5060	4250	3830
14	800/45-22.5	24.00 DC	1170	700	510	3380	12	170A8, 167B	158A8, 155B	2.0	9660	8210	6900	6210	6620	5630	4730	4260
										2.2	10220	8690	7300	6570	7000	5950	5000	4500

All tyres conform to ETRTO Standards



COMPANY PROFILE

CEAT Limited is one of India's leading tyre manufacturers. Established in 1958, CEAT is a part of RPG Enterprises, among the top 5 business houses in India, with a group turnover of USD 3 billion.

CEAT's turnover for the year 2013-14 stands at USD 1 Billion. CEAT's export business had a robust performance with a turnover of USD 227 million.

Manufacturing Facilities Directly employing 6000 people across 5 plants (3 in India and 2 in Sri Lanka) CEAT has a wide range of tyres for all user segments. Its range comprises of tyres for commercial segments like Trucks, Buses, Light Commercial Vehicles as well as Passenger Cars, SUVs and Two & Three Wheeler tyres for domestic use - radial & cross ply. In the Speciality segment CEAT manufactures Farm, Mining & Earthmover, Industrial & Construction Equipment tyres and other special application Off the Road tyres.

Technology Major commitment to Research and Development enables CEAT to remain at the technical forefront of the tyre industry. The company is also equipped with State-of-the-Art Research, Design and in-house testing facilities, which has helped the company in developing tyres of the highest quality. With 45 years of expertise, today CEAT is capable of facing the challenging needs of our customers around the world.

Marketing CEAT enjoys a major market share in India where tyres are exposed to extreme operating conditions. In India CEAT is the largest suppliers to OEMs particularly in SUV, LCV, Truck and Tractor segment.



CEAT

MARKET


CEAT enjoys a major market share in India where tyres are exposed to extreme operating conditions. In India CEAT is the largest suppliers to OEMs particularly in SUV, LCV, Truck and Tractor segment.

CEAT has been exporting tyres since 1964, which has helped it in getting firm foothold in the export market. Today CEAT tyres are put to service in more than 102 countries across the globe. Its main export markets are North & South America, Asia and Africa.

AIRIA and CAPEXIL have recognized CEAT's efforts with awards for 10 consecutive years for outstanding export performance.



CEAT




FLOTATION IMPLEMENT FLOTATION PLUS TUBELESS

- Flotation Tubeless tyres developed with high innervolume ensures low specific ground pressure preventing damages to fields & crops.
- Tough Nylon casing can withstand the severe deflection in service.
- High strength bead wires coupled with design of contour & insulation compound withstands high stress in the bead region.
- Suitable for both on and off road agricultural service.

Size	Rim	Outer Diameter	Section Width	Static Loaded radius	Rolling Circumference	Free rolling	Load Index	Inflation Pressure	Load Carrying Capacity, kg(lbs)		Non Skid Depth
									Free wheel	Drive wheel	
		mm in	mm in	mm in	mm in	Load Index	Speed Index	bar psi	40 kmph	40 kmph	mm
480/45-17	16.00 DC	866 34.1	490 19.3	381 15.0	2490 98.0	146 A8	134 A8	3.2 46	3000 1364	2120 964	16
500/50-17	16.00 DC	950 37	500 20	384 15	2512 99	149 A8	137 A8	2.8 40	3250 10750	2240 5610	16

All tyres conform to ETRTO and STRO Standards



FLOTATION IMPLEMENT FLOTATION T422

- Flotation Tubeless tyres developed with high inner volume ensures low specific ground pressure preventing damages to fields & crops.
- Tough Nylon casing can withstand the severe deflection in service.
- High strength bead wires coupled with design of contour & insulation compound withstands high stress in the bead region.
- Suitable for both on and off road agricultural service.

Size	Rim	Outer Diameter	Section Width	Static Loaded radius	Rolling Circumference	PR	Free rolling	Inflation Pressure	Load Carrying Capacity, (Kgs) at different Speed(kmph)						
									Free wheel						
									10	25	40	50	60	70	
		mm in	mm in	mm in	mm in		Load Index	bar							
							Speed Index								
550/60-22.5	16.00DC	1238 49	550 22	540 21	3580 141	16	159E	2.4 2.6 3.0	6510 6820 7420	5530 5800 6310	4650 4870 5300	4190 4380 4770	3960 4140 4320	3740 3890 4040	
700/50-26.5	24.00DC	1333 52	700 28	580 23	3850 152	16	166C / 170B	2.4	9380	7970	6700	6030	5300		

All tyres conform to ETRTO and STRO Standards

FARM TYRES



TRACTOR FRONT (F - 2) SAMRAAT SUPER TUBETYPE

- 4 rib front wheel tyre, ideally suitable for both farming and haulage operations.
- Specially designed rugged shoulder bars provide extra protection to sidewall, whereas wider tread provides greater contact to surface and hence longer life.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Index	Infl. press	Load Carrying capacity, kg (lbs)							
		SW	OD						Speed, km/h (mph)							
		mm in	mm in						10 ^{10/100} 6	15 9	20 12	25 16	30 19	35 22	40 25	
6.00 - 16	4.50E	165 6.5	735 28.9	341 13.4	2207 86.9	8PR	94A6 86A8	4.5 65	1005 2215	960 2115	905 1995	770 1700	670 1475	605 1335	530 1180	

(1) 6PR and above with a 25% increase in inflation pressure.
(2) In case where a front-end loader is fitted on the tractor, +100% applies.
All tyres conform to ETRTO Standards



Tractor Front, F2 FARMAX TUBETYPE

- Three Rib front wheel tyres, designed for easy steering.
- Reinforced carcass ensures excellent performance in tractor fitted with implements.

Size	Rim	Outer Diameter	Section Width	Static Loaded radius	Rolling Circumference	PR	Inflation Pressure	Load Index / Speed Symbol		Load Capacity
	Inches	mm in	mm in	mm in	mm in		bar psi			(kg) lbs
10.00-16	W8X16	910 35.8	285 11.2	419 16.5	2639 103.9	8	2.8 41	115 / A6	107 / A8	1215 2673
11.00-16	W10Lx16	972 38.3	326 12.8	447 17.6	2819 111.0	8	2.5 36	118 / A6	110 / A8	1320 2904

All tyres conform to STRO & ETRTO Standards



Quality Systems & Certifications CEAT, an ISO 9001 certified company since 1994, is the first tyre company in India to be certified with the highest and most stringent quality certification ISO / TS 16949 : 2002 (QS 9000) from TUV.

The tyres manufactured by CEAT are DOT, ECE and INMETRO certified .

Quality Policy We at CEAT are committed to be customer centric by consistently delivering excellent products and services at competitive prices. It will be our endeavour to continually improve all business processes and ensure conformity to the established quality systems.

We intend to accomplish this through constantly upgrading skills of our employees.

P. K. CHOWDHARY
MANAGING DIRECTOR

GENERAL INFORMATION

AGRICULTURAL TYRES

CEAT agricultural tyres are designed for optimum performance under all working conditions. They are best suitable for agricultural and forestry jobs with occasional on road driving.

Before using these tyres for any other application the manufacturer should be consulted.

LOAD & INFLATION PRESSURE : The tyres should not be overloaded & should not be driven over inflated or under inflated. Correct inflation pressure should be used depending upon the load on the tyre.

For industrial use or for on the road applications, an inflation pressure of 1.4 bar (20psi) should be maintained for tractor drive wheel tyres, even when the load is insignificant.

Inflation pressure should not be lower than 1.1 bar (16 psi) for field application. However, if any specific operation requires a lower pressure, it should be raised back to the normal pressure after completing the specific task.

RIMS & TUBES : Always use the recommended rim size.

Always use a new tube along with a new tyre. Tube size should be identical to tyre size. For tractor drive wheels use an Air - Water valve tube.

MOUNTING & DISMOUNTING : Always practice correct mounting and dismounting procedures. After mounting the tyres inflate it to seat the beads. Then deflate it completely and re-inflate with recommended operating pressure.

Never inflate tractor drive wheel tyres beyond 2.5 bar (35 psi) while seating the beads.

TYRE SELECTION : Selection of the tyre size and Ply Rating on each axle should be based on the highest individual wheel load when the vehicle is weighed statically. Maximum load per tyre should not be greater than that specified in the applicable table.

For sustained high torque service on tractors operating in the field the drive wheel tyres must be selected to withstand the maximum pull of the tractor under operating service.

CEAT drive wheel tyres are designated as A8 tyres (operating speed 40 kmph)

CEAT



Drive Wheel - R1 IRR - O - GATOR TUBETYPE / TUBELESS

- Tractor drive wheel tyre, designed to provide high traction, self cleaning properties and long service life under tough working conditions.
- A strong nylon casing provides excellent stability and safety to the operator.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR Load Index	Infl. press	Load Carrying Capacity, kg (lbs)							
		SW	OD					Speed, km/h (mph)							
								Not high and sustained torque, Road transport				Field operation			
												Low Torque		High Torque	
mm in	mm in	mm in	mm in	Speed Symbol	Bar Psi	Static	10 6	20 12	30 19	40 25	10 6	20 12	10 6		
11.2 - 24	W10 W10H	284 11.2	1105 43.5	512 20.2	3260 128.3	4PR 110A8	1.8 26	2440 5370	1590 3500	1300 2860	1130 2490	1060 2330	1480 3260	1270 2800	1130 2490

All tyres conform to ETRTO & T & RA Standards



TRACTOR FRONT (F - 2) SAMRAAT TUBETYPE

- 3 Rib front wheel tyre provides easy steering for general farming purposes.
- Strong nylon casing and high grade compounds ensures long lasting, quality performance.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Index	Infl. press	Load Carrying capacity, kg (lbs)						
		SW	OD						Speed, km/h (mph)						
									mm in	mm in	mm in	mm in		Speed Symbol	Bar Psi
6.00 - 16	4.50E	165 6.5	735 28.9	341 13.4	2207 86.9	8PR	94A6 86A8	4.5	1005 2215	960 2115	905 1995	770 1700	670 1475	605 1335	530 1180
7.50 - 16	5K	205 8.1	805 31.7	370 14.6	2403 94.6	8PR	103A6 96A8	3.7 54	1315 2900	1250 2755	1180 2066	1005 2215	875 1930	790 1740	700 1545
6.50 - 20	4.50E	175 6.9	865 34.1	404 15.9	2608 102.7	8PR	97A6 89A8	3.1 45	1095 2415	1045 2305	985 2170	840 1850	730 1610	655 1445	580 1280

(1) 6PR and above with a 25% increase in inflation pressure.

(2) In case where a front-end loader is fitted on the tractor, +100% applies.

All tyres conform to ETRTO Standards

FARM TYRES



Tractor Rear, R1 FARMAX TUBETYPE

- Robust Lug design for enhanced performance on field and road.
- Dual angle tread design & reinforced carcass for excellent life.
- Suitable for farming and haulage purpose.

Size	Rim	Outer Diameter	Section Width	Static Loaded radius	Rolling Circumference	PR	Inflation Pressure	Loading Index Speed symbol		Load Capacity
	Inches	mm in	mm in	mm in	mm in		bar psi			(kg) lbs
14.9-24	W13x24	1275 50.2	402 15.8	587 23.1	3698 145.6	8	1.8 26	128 / A6	124 / A8	1800 3960
18.4-26	W16LX26	1480 58.3	492 19.4	681 26.8	4292 169.0	12	2.3 33	146/46	142 / A8	3000 6600
18.4-30	W16LX30	1564 61.6	465 18.3	719 28.3	4536 178.6	12	2.3 33	149 / A6	145 / A8	3250 7150
13.6-38	W12X38	1585 62.4	350 13.8	729 28.7	4596.5 181.0	8	2.0 29	131 / A6	127 / A8	1950 4290
15.5-38	W14X38	1577 62.1	400 15.7	725 28.6	4573 180.1	8	1.8 26	133 / A6	129 / A8	2060 4532
16.9-24	W15Lx24	1330 52.4	426 16.8	612 24.1	3857 151.9	8	1.7 25	133/ A6	129 / A8	2040 4488
11.2-28	W10x28	1205 47.4	295 11.6	554 21.8	3495 137.6	8	2.5 36	118/A6	114 / A8	1320 2904
16.9-38	W15LX38	1685 66.3	429 16.9	775 30.5	4887 192.4	8	1.7 25	141 / A6	137 / A8	2575 5665
12.4-24	W11x24	1159 45.6	307 12.1	533 21.0	3361 132.3	8	2.3 33	121 / A6	117 / A8	1415 3113
14.9-28	W13x28	1375 54.1	386 15.2	633 24.9	3988 157.0	8	1.8 26	130 / A6	126 / A8	2040 4488
16.9-28	W15LX28	1435 56.5	429 16.9	660 26.0	4162 163.8	12	2.4 35	143 / A6	139 / A8	2725 5995
16.9-30	W15LX30	1495 58.9	440 17.3	688 27.1	4336 170.7	10	2.0 29	140 / A6	136/ A8	2455 5401
18.4-34	W16LX34	1650 65.0	465 18.3	759 29.9	4785 188.4	12	2.3 33	150 / A6	146/ A8	3450 7590
13.6-36	W12X36	1535 60.4	350 13.8	706 27.8	4452 175.3	8	2.0 29	129 / A6	125/ A8	1855 4081
18.4-38	W16LX38	1750 68.9	465 18.3	805 31.7	5075 199.8	12	2.3 33	143 / A6	139/ A8	35 7865

All tyres conform to STRO & ETRTO Standards



GENERAL INFORMATION

OFF THE ROAD & INDUSTRIAL TYRES :

CEAT off road tyres are designed for mining, road construction, timber hauling, material handling, port applications and other industrial & construction jobs. Before using them for any other application the manufacturer should be consulted. Wrong selection of tyre, improper handling, poor maintenance and improper driving habits can reduce tyre life.

LOAD & INFLATION PRESSURE : To obtain best results from the tyres correct inflation pressures has to be maintained at all times. It is recommended to check the inflation pressure after long breaks or on weekly basis. If due to heat build up the inflation pressure exceeds additional 1.0 bar (15psi) the load or driving speed has to be lowered.

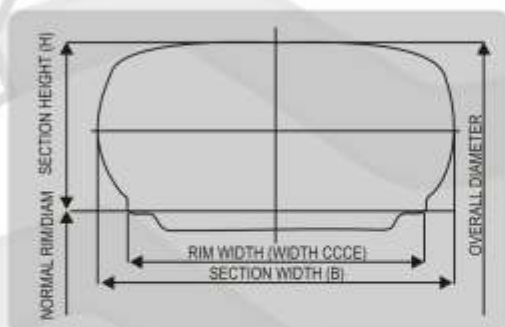
Load and inflation pressures for the OTR tyres should be determined according to the length of the haul (given in the tables)

MOUNTING & DISMOUNTING :

Always practice correct mounting and dismounting procedures taking all safety measures.

DIMENSIONS : All the dimensions and the tolerances in this catalogue are based on nominal T & A and ETRTO standard





TYRE DESCRIPTION AND SIDEWALL MARKINGS

- Travel direction in case of directional tread design:
Safety warning
- Tubeless - Tyres without tube.
- Drive wheels
- Free rolling wheels.

LOAD INDEX & SPEED SYMBOL : According to ETRTO (The European Tyre and Rim Technical Organisation); 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.

Load Index	Load Kg	Load Index	Load Kg	Load Index	Load Kg	Load Index	Load Kg	Speed Symbol	Speed Km/h
102	850	129	1850	156	4000	183	8750	A1	5
103	875	130	1900	157	4125	184	9000	A2	10
104	900	131	1950	158	4250	185	9250	A3	15
105	925	132	2000	159	4375	186	9500	A4	20
106	950	133	2060	160	4500	187	9750	A5	25
107	975	134	2120	161	4625	188	10000	A6	30
108	1000	135	2180	162	4750	189	10300	A7	35
109	1030	136	2240	163	4875	190	10600	A8	40
110	1060	137	2300	164	5000	191	10900	B	50
111	1090	138	2360	165	5150	192	11200	C	60
112	1120	139	2430	166	5300	193	11500	D	65
113	1150	140	2500	167	5450	194	11800	E	70
114	1180	141	2575	168	5600	195	12150	F	80
115	1215	142	2650	169	5800	196	12500	G	90
116	1250	143	2725	170	6000	197	12850	J	100
117	1285	144	2800	171	6150	198	13200	K	110
118	1320	145	2900	172	6300	199	13600	L	120
119	1360	146	3000	173	6500	200	14000	M	130
120	1400	147	3075	174	6700	201	14500	N	140
121	1450	148	3150	175	6900	202	15000	P	150
122	1500	149	3250	176	7100	203	15500	Q	160
123	1550	150	3350	177	7300	204	16000	R	170
124	1600	151	3450	178	7500	205	16500	S	180
125	1650	152	3550	179	7750	206	17000		
126	1700	153	3650	180	8000	207	17500		
127	1750	154	3750	181	8250	208	18000		
128	1800	155	3875	182	8500	209	18500		

The **LOAD INDEX** is a numerical code associated with the maximum load a tyre can carry at the speed indicated by its Speed Symbol under service conditions specified by the manufacturer.

The **SPEED SYMBOL** indicates the maximum speed at which the tyre can carry a load corresponding to its Load Index under service conditions specified by the manufacturer.



Drive Wheel - R1

SAMRAT SUPER

TUBETYPE

- A heavy duty premium Tractor drive wheel tyre with extra strong, deep lugs.
- Double angle design provides high traction, self cleaning properties and more surface contact area for better haulage in both on the road and off the road services.
- A strong nylon casing provides excellent stability and guards against mechanical failures.
- Also suitable for industrial / construction applications.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR Load Index	Infl. press	Load Carrying Capacity, kg (lbs)									
		SW	OD					Speed, km/h (mph)								Field operation	
								Not high and sustained torque; Road transport									
				mm in	mm in	mm in	mm in	Speed Symbol	Bar Psi	Static	10 6	20 12	30 19	40 25	50 31	Low Torque 10 6	High Torque 20 12
9.5-24	W8	241 9.5	1055 41.5	487 19.2	0 0.0	8	112	A6	41	1120		28 1.1					
12.4 - 24	W11	315	1160	533	3410	8PR	2.3	3340	2180	1780	1550	1450	1320	2030	1740	1550	
	W 10	12.4	45.7	21.0	134.3	121A8	33	7360	4800	3920	3410	3190	2910	4470	3830	3410	
	W10H																
12.4 - 28	W11	315 12.4	1260 49.6	583 23	3717 146.3	8PR 123A8	2.3 33	3570 7860	2330 5130	1910 4210	1660 3660	1550 3410	1410 3110	2170 4780	1860 4100	1660 3660	
	13.6 - 28	W12	345 13.6	1310 51.6	596 23.5	3885 153	10PR 130A8	2.5 36	4370 9635	2850 6285	2335 5150	2035 4485	1900 4190	1730 3815	2660 5865	2280 5025	2035 4485
		W13	378 14.9	1365 53.7	639 25.2	4095 161.2	12PR 130A8	2.3 33	4875 10750	2970 6550	2545 5610	2120 4675	1910 4210	1740 3835	2865 6315	2350 5180	2045 4510
14.9-28	W12	14.9	53.7	25.2	161.2	130A8	33	10750	6550	5610	4675	4210	3835	6315	5180	4510	
	18.4 - 30	W16L	467 18.4	1550 61	693 27.3	4546 179	14PR 152A8	2.7 39	8170 18000	5330 11740	4370 9630	3800 8370	3550 7820	3230 7110	4970 10950	4260 9380	3800 8370

All tyres conform to ETRTO Standards
Tubeless Can be made on request



Drive Wheel - R2

AAYUSHMAAN - RICE SPECIAL

TUBETYPE

- Extra Deep Tread specially designed for superior grip in muddy soil.
- Deep lugs help in reducing slippage excellent grip in muddy soil, reduces slippage
- A strong nylon casing provides excellent stability and guards against mechanical failures

Size	Rim	Unloaded Dimension		Static Loaded Radius	Rolling Circumference	PR Load Index	Infl. Pressure	Load Carrying Capacity - Kg	Tread Depth
		SW	OD						
		mm in	mm in	mm in	mm in	Speed Symbol	Bar Psi	30 19	mm
12.4 - 28	W11	325	1293	596	3815	12PR	2.5	1650	
		12.8	50.9	23.5	150.2	125 A6	36	3640	66

All tyres conform to ETRTO Standards



Drive Wheel - R1 SAMRAT TUBETYPE

- Tractor drive wheel tyre with strong lugs for heavy duty services.
- Specially designed deep lugs with 50° angle provides high traction, self cleaning properties and long service life under hardest working conditions, including on-the-road services.
- A strong nylon casing provides excellent stability and guards against mechanical failures. Also suitable for industrial / construction applications.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR Load Index	Infl. press	Load Carrying Capacity, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport						Field operation			
														Low Torque		High Torque	
mm in	mm in	mm in	mm in	Speed Symbol	Bar Psi	Static	10	20	30	40	50	10	20	10			
16.9 - 30	W15L	429	1485	667	4369	10PR	2.1	5920	3860	3170	2760	2575	2340	3610	3090	2760	
		16.9	58.5	26.3	172	141A8	30	13040	8500	6980	6080	5670	5150	7950	6810	6080	

All tyres conform to ETRTO Standards
Tubeless Can be made on request



Drive Wheel - R1 SAMRAT PLUS TUBETYPE

- Tractor drive wheel tyre with strong lugs for heavy duty services.
- Specially designed deep lugs with 50° angle provides high traction, self cleaning properties and long service life under hardest working conditions, including on-the-road services.
- A strong nylon casing provides excellent stability and guards against mechanical failures. Also suitable for industrial / construction applications.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR Load Index	Infl. press	Load Carrying Capacity, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Not high and sustained torque; Road transport								Field operation	
																Low Torque	High Torque
mm in	mm in	mm in	mm in	Speed Symbol	Bar Psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6			
16.9 - 28	W15L	429 16.9	1435 56.5	645 25.4	4222 166.2	12PR 152A8	2.4 35	6270 13825	4090 9015	3350 7385	2915 6425	2725 6010	2480 5470	3815 8410	3270 7210	2915 6425	

All tyres conform to ETRTO Standards
Tubeless Can be made on request

RMA INDUSTRY CODES

The Tyre and Rim Association has approved the following tyre designations for agricultural tyres, regardless of manufacturer.

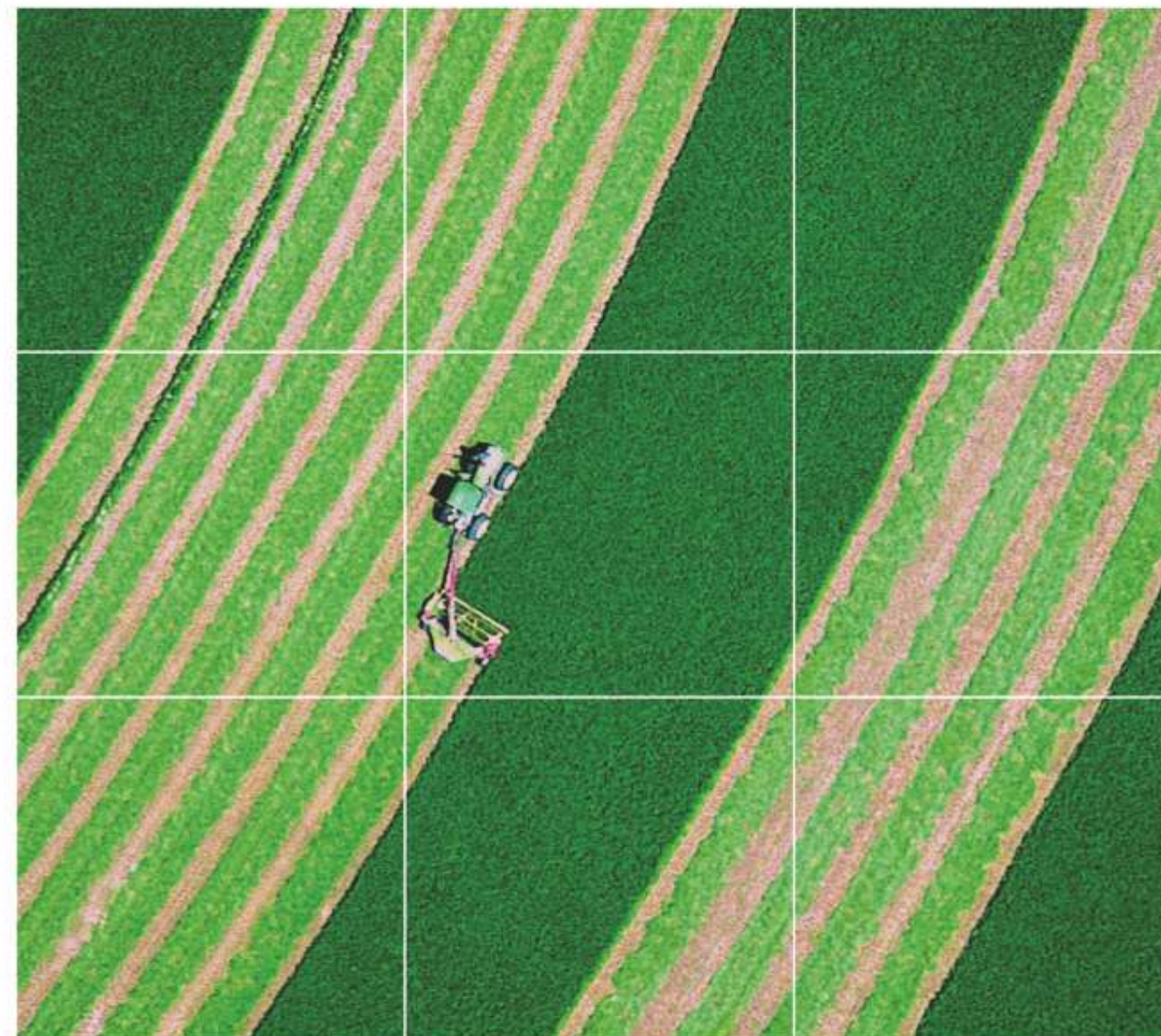
CODE	INDUSTRY TYRE TYPE	TYRE SERVICE
Front Tractor Tyres		
F-1	Agricultural single rib tread	Rice farming
F-2M	Agricultural multiple-rib tread	General farming
F-2	Agricultural multiple-rib tread	General farming
F-3	Industrial multiple-rib tread	Light industrial service
F-2D	Agricultural dual rib	
Drive Tractor Tyres		
R-1	Drive wheel, regular tread	General farming
R-1W	Drive wheel, wet traction tread	Wet or moist soil
R-2	Cane and Rice, drive wheel, deep tread	Wet muck, Sugar cane, Rice farming
R-3	Drive wheel, shallow tread	Sandy or volcanic ash soils, Orchards, Highway mowing, Golf course work, Light industrial service
R-4	Industrial tractor, drive wheel, intermediate tread	Light industrial service, Highway mowing
Flotation Tyres		
HF-1	High flotation, rib tread	Golf course work
HF-2	High flotation, regular lug tread	General farming
HF-3	High flotation, deep lug tread	Wet or moist soil
HF-4	High flotation, extra deep tread	Swamp land
Garden Tractor Tyres		
	Lug Type	Gardens
Implement Tyres		
I-1	Rib tread	Free rolling wheels
I-2	Moderate traction implement	Drive or free rolling wheels
I-3	Traction tread	Drive wheels
I-6	Smooth tread	

OFF THE ROAD TYRE INDUSTRY CODES

CODE NUMBER TREAD TYPE		TYPE OF SERVICE	*MAXIMUM	
			SPEED (KMPH)	DISTANCE (ONE WAY)
C-COMPACTOR				
C.1	Smooth	Compactor	8	Unlimited
C.2	Grooved	Compactor	8	Unlimited
E-EARTHMOVING				
E.1	Rib Regular	Haulage	64	4 Km
E.2	Traction Regular	Haulage	64	4 Km
E.3	Rock Regular	Haulage	64	4 Km
E.4	Rock Deep Tread	Haulage	64	4 Km
E.7	Flotation	Haulage	64	4 Km
G-GRADER				
G.1	Rib Regular	Grader	40	Unlimited
G.2	Traction Regular	Grader	40	Unlimited
G.3	Rock Regular	Grader	40	Unlimited
G.4	Rock Deep Tread	Grader	40	Unlimited
L-LOADER AND DOZER				
L.2	Traction Regular	Loader, Dozer	8	76 Mtr.
L.3	Rock Regular	Loader, Dozer	8	76 Mtr.
L.4	Rock Deep Tread	Loader, Dozer	8	76 Mtr.
L.5	Rock Extra Deep Tread	Loader, Dozer	8	76 Mtr.
L.3S	Smooth Regular	Loader, Dozer	8	76 Mtr.
L.4S	Smooth Deep Tread	Loader, Dozer	8	76 Mtr.
L.5S	Smooth Extra Deep Tread	Loader, Dozer	8	76 Mtr.



FARM TYRES



Self cleaning angular tread bars provides optimum traction and maximum pulling power in wet condition
Even distribution of load provides low soil compaction

Weather and crack resistant sidewall

Rugged casing ensures full power transmission and guards against mechanical failures

Bead contour designed for ideal tyre/rim fitment



CEAT Farm tyre range comprises of Drive wheel (R1, R3), Steering wheel (F2), Flotation, Traction 1 - Implement and MPT tyres.

Tyres can also be custom made to cater to the exact need of the customers.



Drive wheel tractor



Soil compactor



Combine Harvester



Forage Harvester



CATEGORY : INDUSTRIAL
GRIP MASTER

TYRE SIZE : 12.00 - 20 20PR

TYPE : TUBETYPE

- Suitable for port application, but can also be used for intermittent highway services.
- Special tread design provides good traction & high mileage; superior resistance to wear and a tough nylon casing ensures trouble free long life.
- Compound formulated for heat, cut & abrasion resistance.

Size	Rim Width in	Unloaded dimension		Static Loaded Radius mm in	Rolling Circumference mm in	PR	Load Capacity for Industrial applications (on hard improved surfaces)					
		SW	OD				Infl. Pressure bar/(psi)	25kmph	10kmph	5kmph	1kmph	static
		mm in	mm in					Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)
12.00 - 20	8.50	320 12.6	1150 45.3	538 21.2	3409 134.2	20	8.25 120	5185 11430	6100 13450	8920 19665	9840 21690	9760 21520

All tyres conform to T & RA and ETRTO Standards



Drive Wheel - R3

C 305

TUBETYPE / TUBELESS

- Specially designed multipurpose tractor drive wheel tyre, provides high floatation on soft soil, orchards etc.
- Also ideal for on-the-road, industrial and road construction equipments.
- Strong nylon casing, rugged design, high tread depth ensures long service life.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR Load Index	Infl. press	Load Carrying Capacity, kg (lbs)											
		SW	OD					Speed, km/h (mph)											
								Not high and sustained torque; Road transport										Field operation	
																		Low Torque	High Torque
mm in	mm in	mm in	mm in	Speed Symbol	Bar Psi	Static	10 6	20 12	30 19	40 25	50 31	10 6	20 12	10 6					
23.1 - 26	DW20	587	1560	690	4545	12PR 153A8	1.5	7800	5090	4170	3630	3390	3080	4750	4070	3630			
		23.1	61.4	27.2	178.9		22	17180	11210	9190	8000	7470	6780	10460	8960	8000			
							1.7	8400	5480	4490	3910	3650	3320	5110	4380	3910			
							25	18500	12070	9890	8610	8040	7310	11260	9650	8610			
						1.9	8990	5870	4810	4180	3910	3560	5470	4690	4180				
						28	19800	12930	10590	9210	8610	7840	12050	10330	9210				
						2.1	9550	6230	5100	4440	4150	3780	5810	4980	4440				
						30	21040	13720	11230	9780	9140	8330	12800	10970	9780				
						16PR	2.3	10060	6560	5380	4680	4375	3980	6130	5250	4680			
						159A8	33	22160	14450	11850	10310	9640	8770	13500	11560	10310			

All tyres conform to ETRTO Standards

USE PROPER INFLATION PRESSURE

Never under inflate or over inflate the tyres.

- Under inflation causes excessive flexing of the tyre sidewall and increases the internal tyre temperature. It can cause severe tyre damage such as casing break up, radial cracks, separation.
- Over inflation reduces the tyre contact area with the ground. This results in uneven tread wear (tread centre wears faster than shoulder). In soft or loose soil applications over inflated tyre provides less floatation and traction and wastes engine power. Also over inflation makes the tyre more vulnerable to cuts, snags and impact failures.
- Inflation pressure should be checked after allowing the tyre to cool down to the ambient temperature.
- Never lower the inflation pressure during operation by " bleeding" (letting some air out of the tyre to reduce pressure), since it increases heat build up and can cause premature tyre failure.
- The only way to reduce excessive pressure due to heat build up is to reduce load or speed or both.
- Cover all the valves with cap to prevent penetration of dirt.

DON'T OVERLOAD THE TYRES :

To obtain maximum tyre life, operate within the recommended load inflation pressure schedule. For OTR tyres Load and inflation pressure should be determined according to the length of the haul (given in the tables).

SPEED & LENGTH OF THE HAUL :

CEAT agricultural tyres are designated for A8 speed rating (40 kmph). However the Load Carrying capacity at various speeds given in the product catalogue for different product range as a guideline which should be strictly followed by the customers / end users. For any kind of violation from the Load, Speed and Inflation pressure table, consult the tyre manufacturer.

For OTR tyres load, inflation pressure, speed of the vehicle and the length of haul are very closely related. The Load carrying capacity varies with the vehicle operating speed and the length of haul which are mentioned in the product catalogue.

BAD HAUL ROAD :

This is particularly applicable for OTR tyres since they operate on temporary road which sometimes does not get proper attention and maintenance. The haul road should be kept clean from spillage and any sharp object embedded in the road should be removed. Water accumulation on the haul road should be avoided through proper drainage and a optimum road gradient should be maintained while preparing the road. Maintenance of Loading and dumping areas are also equally important. Proper maintenance of haul road is essential for longer tyre life.

PROPER DRIVING :

To get the maximum service from the tyre, specially the OTR tyres, it is essential to adopt proper driving habits. Vehicle operators should avoid chuck holes and other obstacles (due to load spillage etc.) which can damage the tyre and refrain from strong spinning, sudden and excessive braking, high speed cornering, locking one wheel for sharp turns etc. All these may harm the tyres and shorten their service life.

IMPORTANT PARAMETERS FOR MAXIMUM TYRE LIFE :

Following are some important parameters needed to be monitored in order to get maximum tyre life :

- Sufficient tyre to vehicle clearance
- Removal of entrapped stones between dual tyres or between tyre and the vehicle or in the grooves of the tyre.
- Proper matching of dual tyres, that is the inflated diameters of both the tyres should match.
- To keep the tyres free from oil, grease etc.
- To keep proper tyre performance record. This includes :
 - i) Brand and serial no.
 - ii) New tyre non skid depth
 - iii) Original and subsequent installations and removals by unit number and position
 - iv) Final disposition - scrap, repair, retread, total hours or kilometers of service and date of removal.

Thorough and accurate record keeping helps in determination of problem areas causing failures.

- Proper attention to be given for vehicle mechanical irregularities such as misalignment, improperly adjusted brakes or defective brake drums etc. which have damaging effect on tyres.
- Proper checking & maintenance of Rims or wheels and valves
- Proper Storage of tyres. Tyres should be stored in cool and dark places, free from dirt, oil or sunlight and as far as possible from running electric motors (as these generates ozone which deteriorates rubber).
- Prompt repair of service damaged tyres. There are usually three major types of cuts or damages which occur, particularly in OTR tyres.
 - i) Tread surface cuts - this type of cuts might look minor, but they have a tendency to pick up and hold stones. If the stones are not removed, they can work their way into the carcass resulting in tyre failure
 - ii) Cuts through the tread - damage from this type of injury may lead to premature tyre failure. When it is determined that the carcass of the tyre has been damaged, the tyre should be removed from service immediately and sent to a qualified repair facility.
 - iii) Sidewall cuts - these are repairable depending on the location and extent of damage.

CATEGORY : E3 (IND)
GRIPMASTER ND

TYPE : TUBELESS / TUBE TYPE

- Specially designed for heavy duty forklifts and container handlers (reach stackers) operating on hard improved surfaces.
- Specially formulated extra deep tread, reinforced sidewalls offer superior resistance to wear & damage and ensures high mileage.
- Flatter tread with large tread width provides very high ground contact area for good traction on paved ground.

14.00 - 24

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial applications (Reach Stacker)					
			SW	OD				Infl. Press. bar/(psi)	25kmph	10kmph	5kmph	1kmph	static
			mm in	mm in	mm in	mm in			Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)
14.00 - 24	10.00	1.5	385 15.2	1368 53.9	630 24.8	4050 159.4	28	10 145	12500 27560	13500 29760	14500 31965	16000 35275	18000 39685
18.00 - 25	13.00	2.5	498 19.6	1615 63.6	738 29.1	4780 188.2	40	10 145	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460

GRIPMASTER XL

CATEGORY : E4 (IND)
GRIPMASTER XL
TYPE : TUBELESS

- Designed for heavy duty jobs, the entire family of GRIP MASTER tyres can support heavy loads at extreme working conditions.
- The specially designed non directional tread ensures high hourage even on the most abrasive surfaces.
- A special heat, cut and weather resistant compound makes it capable to withstand cuts, snags and bruises
- A heavy duty nylon casing increases strength and durability and promotes multiple retreads to get an excellent return on your investment.
- Large tread width provides very high ground contact area for good traction on paved surface.
- Ideal for severe heavy duty applications in mining, quarrying and Container Handling operations on hard, improved surfaces (eg. Concrete, runaway asphalt).

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial applications (Reach Stacker)					
			SW	OD				Infl. Press. bar/(psi)	25kmph	10kmph	5kmph	1kmph	static
			mm in	mm in	mm in	mm in			Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)
18.00 - 25	13.00	2.5	498 19.6	1673 65.9	764 30.1	4952 195.0	40	10 145	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460

GRIPMASTER XL

CATEGORY : E4 (IND)

GRIPMASTER XL

TYPE : TUBELESS

- Designed for heavy duty jobs, the entire family of GRIP MASTER tyres can support heavy loads at extreme working conditions.
- The specially designed non directional tread ensures high hourage even on the most abrasive surfaces.
- A special heat, cut and weather resistant compound makes it capable to withstand cuts, snags and bruises
- A heavy duty nylon casing increases strength and durability and promotes multiple retreads to get an excellent return on your investment.
- Large tread width provides very high ground contact area for good traction on paved surface.
- Ideal for severe heavy duty applications in mining, quarrying and Container Handling operations on hard, improved surfaces (eg. Concrete, runaway asphalt).

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial applications (Reach Stacker)					
			SW	OD				Infl. Press. bar/(psi)	25kmph	10kmph	5kmph	1kmph	static
			mm in	mm in	mm in	mm in			Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)	Max Load kgs /(lbs)
18.00 - 25	13.00	2.5	498 19.6	1673 65.9	764 30.1	4952 195.0	40	10 145	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460

All tyres conform to T & RA and ETRTO Standards



CATEGORY : INDUSTRIAL

ROCK-XL

TYRE SIZE : 12.00 - 24

TYPE: TUBETYPE

- Designed for mining, logging, port/container handlers, but can also be used for intermittent highway service.
- Specially formulated tread offers good traction & high mileage, superior resistance to wear & damage.
- Tread pattern is designed to carry heavy loads on all type of surfaces such as rock, mud, highways and hard improved surfaces like concrete or runway asphalt.
- Large tread width with high land to void ratio provides high ground contact area for good traction on paved surface.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR	Load Capacity for Industrial applications (on hard improved surfaces)					
			SW	OD				Infl. Pressure bar/(psi)	25kmph	10kmph	5kmph	1kmph	static
			mm in	mm in	mm in	mm in			Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)
12.00 - 24	8.50	1.3	328 12.9	1257 49.5	590 23.2	3720 146.5	20	9.9 144	8630 19025	9320 20545	10000 22045	11040 24340	12420 27380

All tyres conform to T & RA and ETRTO Standards

Note : PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : E3 (IND)

ROCK-XL

TYPE: TUBELESS

- Specially designed for heavy duty forklifts and container handlers operating on hard improved surfaces.
- Self clearing sturdy lugs are designed for better traction at the same time more rubber in the footprint offers better penetration resistance and excellent mileage.
- Flatter tread with large tread width provides very high ground contact area for good traction on paved ground.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR	Load Capacity for Industrial applications (on hard improved surfaces)					
			SW	OD				Infl. Pressure bar/(psi)	25kmph	10kmph	5kmph	1kmph	static
			mm in	mm in	mm in	mm in			Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)
16.00 - 25	11.25	2.0	444 17.5	1485 58.5	682 26.9	4418 173.9	32	10 145	15625 34450	16875 37200	18125 39960	20000 44090	22500 49605
21.00 - 25	15	3.0	585 23.0	1759 69.3	800 31.5	5140 202.4	40	10 144	25000 55000	27000 59400	29000 63800	32000 70400	36000 79200

All tyres conform to T & RA and ETRTO Standards

Note : PLY RATING other than mentioned can be produced for special requirements.

BALLASTING :

To achieve better traction and to enhance performance often the tyres are ballasted. Ballasting can be done in two ways :

- Inserting substances inside the tyre
- Attaching counter weights to the back of the vehicle.

Since the second method involves welding or bolting weights to the back of the vehicles, many operators choose tyre ballasting instead. This practice is used to enhance the performance of front -end loaders, motor graders and farm tractors. Ballasting keeps the Rear tyres of the front-end loaders grounded.

Ballasting is usually done by filling tyre with water. In cold climatic conditions required amount of anti freezing substances like Calcium Chloride (80%) or Magnesium Chloride (47%) can be added.

However the following points must be taken into consideration while using tyre ballasting practice :

- Before rotating ballasted tyres the ballasting solution (liquid) or material (dry) must be removed and properly disposed off.
- Ballasting solution can facilitate rim rust. Hence, the rim should be well painted or the solution must contain rust prohibitive ingredients.

SERVICE CONDITIONS

- Earthmover (Haulage)** - A haulage cycle where equipment self-loads or receives a load from loading equipment, then transports this load to another location and returns unloaded. Transportation usually occurs over unimproved surfaces at speeds up to 65 km/h (40 mph) and short distances, up to 4 km (2.5 miles), one way. Equipment in this category is mainly haulage trucks and scrapers.
- Loader** - A work cycle where the equipment is used to pick up material and relocate it a short distance away. Tyre loads fluctuate depending on the conditions involved when the equipment picks up the load. Transportation speeds are low, up to 10 km/h (5 mph), and distances are short, a maximum of 76 m (250 feet), one way.
- Load and Carry** - A work cycle where equipment primarily intended for loader service picks up a load and transports this load to another location and returns unloaded. Transportation usually occurs over unimproved surfaces at low speeds, up to 25 km/h (15 mph), and rather short distances, up to 600 m (2,000 feet). Equipment in this category consists mainly of loaders, log stackers and material handling equipment.
- Dozer** - A working condition where equipment is used to move materials (usually earth) by pushing, dragging or grading. Tyre loads are relatively constant and speeds are low, up to 10 km/h (5 mph). Travel distances vary depending on work situations.
- Grader** - A working condition where equipment is used in construction and road maintenance. Tyre loads are relatively constant during the work cycle. Equipment speeds are slow during working periods with maximum transportation speeds reaching 40 km/h (25 mph). Travel distances vary depending on work situations.
- Creep** - Movement of equipment at very slow speed (not over 60 m (200 feet) in 30 minutes). During creep motion, loads on the tyres are very high and consideration must be given to the type of surface over which the equipment is traveling.
- Drive Away** - This is a term used to define movement of a vehicle from one location to another under non-working conditions. This movement occurs during transportation of equipment from site to site. LOAD/SPEED/DISTANCE TABLES, are not applicable for drive away condition.
- Smooth Floors and Runways** - These are defined as paved or protected operating surfaces which are free of undulations, obstructions or discontinuities.
- Maximum Speed** - The peak speed attained by the vehicle during any part of a cycle (loaded or unloaded).
- Industrial Vehicle** - Consists of usage on vehicles such as counterbalanced lift trucks, container handlers, straddle carriers, aircraft tow tractors, mobile crushers, log stackers and rough terrain fork lifts.

		CATEGORY : IND-3													
		PORT PRO RX													
		TYPE : TUBELESS													
		<ul style="list-style-type: none"> Specially designed for heavy duty forklifts and container handlers operating on hard improved surfaces. Self cleaning sturdy lugs are designed for better traction at the same time more rubber in the footprint offers better penetration resistance and excellent mileage. Flatter tread with large width provides very high ground contact area for good traction on paved ground. 													
Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm in	Rolling Circum mm in	PR	Infl. Pressure bar/(psi)	Load Capacity for Industrial applications (on hard improved surface)					Non Skid Depth (mm)
				SW	OD					Max Load Capacity	Max Load Capacity	Max Load Capacity	Max Load Capacity	Max Load Capacity	
				mm in	mm in					kgs/(lbs)	kgs/(lbs)	kgs/(lbs)	kgs/(lbs)	kgs/(lbs)	
21.00-25	Tubeless	15.00	3.0	585 23.0	1759 69.3	800 31.5	5140 202.4	40	10 144	25000 55000	27000 59400	29000 63800	32000 70400	36000 79200	40.2 1.6

All tyres conform to T & RA and ETRTO Standards

		CATEGORY : IND-3													
		PORT PRO TX													
		TYPE : TUBELESS													
		<ul style="list-style-type: none"> Specially designed for heavy duty forklifts and container handlers operating on hard improved surfaces. Self cleaning sturdy lugs are designed for better traction at the same time more rubber in the footprint offers better penetration resistance and excellent mileage. Flatter tread with large width provides very high ground contact area for good traction on paved ground. 													
Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm in	Rolling Circum mm in	PR	Infl. Pressure bar/(psi)	Load Capacity for Industrial applications (Reach Stacker)					Non Skid Depth (mm)
				SW	OD					Max Load Capacity	Max Load Capacity	Max Load Capacity	Max Load Capacity	Max Load Capacity	
				mm in	mm in					kgs/(lbs)	kgs/(lbs)	kgs/(lbs)	kgs/(lbs)	kgs/(lbs)	
18.00-25	Tubeless	13.00	2.5	510 20.1	1617 63.7	743 29.2	4781 188.2	40	10 145	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460	32 1.3
21.00-25	Tubeless	15.00	3.0	585 23.0	1759 69.3	800 31.5	5140 202.4	40	10 144	25000 55000	27000 59400	29000 63800	32000 70400	36000 79200	40 1.6
21.00-35	Tubeless	15.00	3.0	580 22.8	2004 78.9	920 36.2	5925 233.3	40	10 144	25000 55000	27000 59400	29000 63800	32000 70400	36000 79200	37 1.5

All tyres conform to T & RA and ETRTO Standards



CATEGORY : IND-4
PORT PRO RX
TYPE : TUBELESS

- Designed for port(container handlers), but can also be used for intermittent highway service.
- Specially formulated tread offers good traction & high mileage, superior resistance to wear & damage.
- Tread pattern is designed to carry heavy loads on all type of surfaces such as rock, mud, highways and hard improved surfaces like concrete or runway asphalt
- Large tread width with high land to void ratio provides very high ground contact area for good traction on paved surface.
- Ideal for heavy duty applications at ports and Container Handling operations on hard, improved surfaces.

Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm in	Rolling Circum mm in	PR	Load Capacity for Industrial applications (on hard improved surfaces)						Non Skid Depth mm in
				SW	OD				Infl. Pressure	25 kmph	10 kmph	5 kmph	1 kmph	Static	
				mm in	mm in				bar/(psi)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	
12.00-24	Tubeless	8.50	1.3	325 12.8	1285 50.6	603 23.7	3803 149.7	20	9.9 144	8630 19025	9320 20545	10000 22045	11040 24340	12420 27380	35 1.4

All tyres conform to T & RA and ETRTO Standards



CATEGORY : IND-4
PORT PRO RX
TYPE : TUBELESS

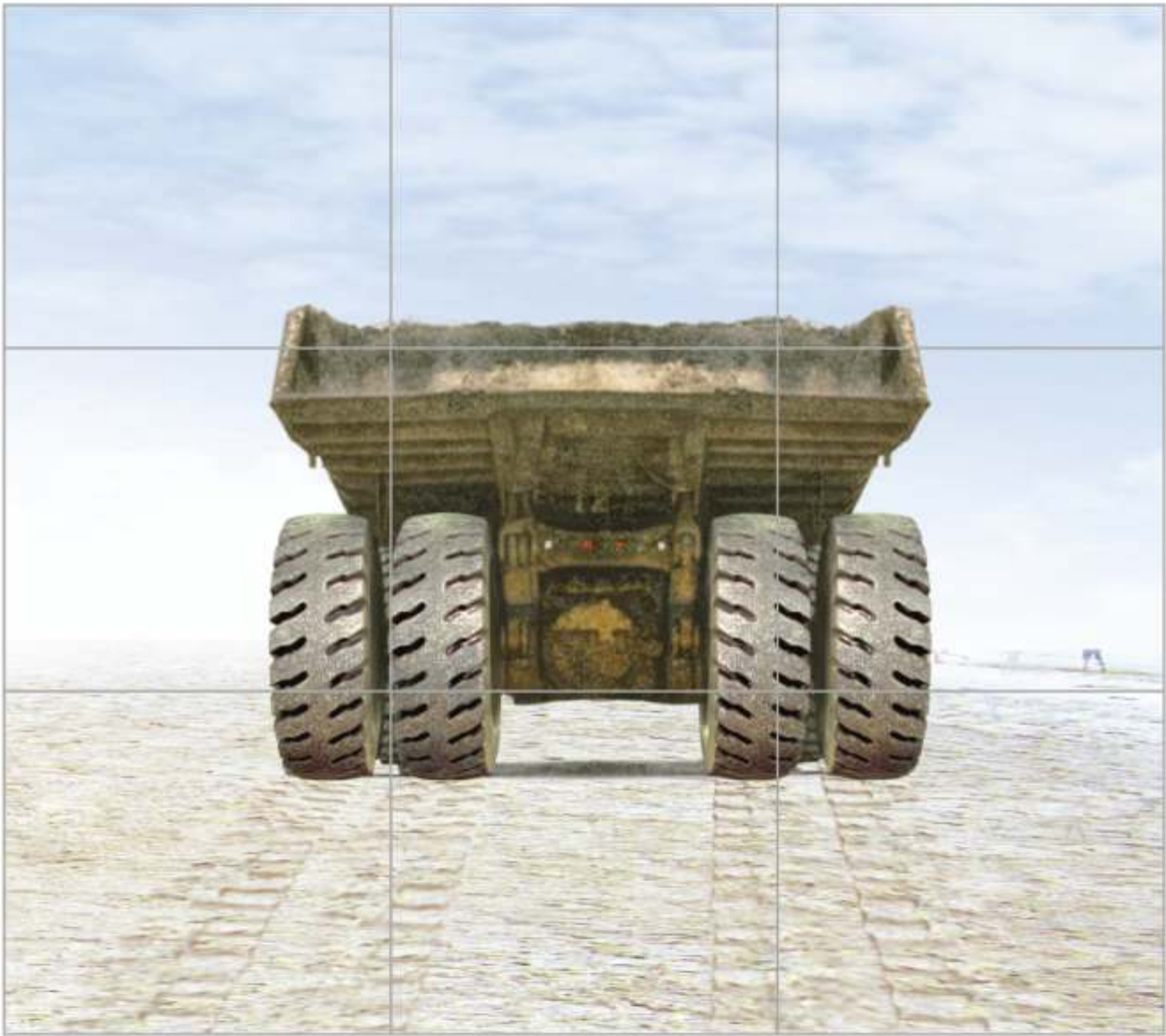
- Designed for heavy duty jobs, tyres can support heavy loads at extreme working conditions.
- A special wear resistant tread compound gives extra life.
- A heavy duty nylon casing increases strength and durability and promotes multiple retreads to get an excellent return on your investment.
- Large tread width provides very high ground contact area for good traction on paved surface.
- Ideal for heavy duty applications at ports and Container Handling operations on hard, improved surfaces (eg. Concrete, runaway asphalt).

Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm in	Rolling Circum mm in	PR	Load Capacity for Industrial applications (Reach Stacker)						Non Skid Depth (mm)
				SW	OD				Infl. Pressure	25 kmph	10 kmph	5 kmph	1 kmph	Static	
				mm in	mm in				bar/(psi)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	
18.00-25	Tubeless	13.00	2.5	498 19.6	1673 65.9	764 30.1	4952 195.0	40	10 145	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460	56 2.2
18.00-33	Tubeless	13.00	2.5	498 19.6	1877 73.9	866 34.4	5556 218.7	40	11.4 165	25000 55000	27000 59400	29000 63800	32000 70400	36000 79200	57.8 2.3

All tyres conform to T & RA and ETRTO Standards



EARTHMOVER TYRES



Tread Base : Low heat build up

Tread Cap : Optimum traction, heat & cut resistance

Extra thick sidewall Weather resistant formulation

Strong Nylon casing with superior carcass compound

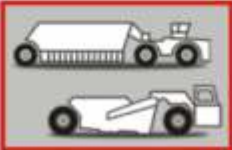
Bead : High tensile strength steel wires. Maintains tyre / rim fitment



Tough tyres specially engineered for the toughest operation conditions. Thanks to 35 years long experience in mining & logging category CEAT OTR tyres are today one of the major tyre suppliers to the Indian mines and ports. The thick sidewall and undertread offers high resistance to external damages. Specially designed "heat and cut" resistant compound and a cooler running base compound ensures a long service life. Robust nylon casing boosts the durability and offers multiple retreads, thus provides an excellent return on your investment.



Dumpers (E3 & E4)



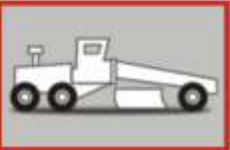
Dumpers (E3 & E4)



Dumpers (E3 & E4)



Dumpers (E3 & E4)



Dumpers (E3 & E4)



14.00 - 24
14.00 - 25

CATEGORY : E3 / L3

GRIP MASTER ND


TYPE : TUBELESS / TUBETYPE

- Designed for heavy duty jobs, the entire family of GRIP MASTER tyres can support heavy loads in extreme working conditions.
- The specially designed non directional tread ensures high hourage even on the most abrasive surfaces.
- A special heat, cut and weather resistant compound makes it capable to withstand cuts, snags and bruises.
- A heavy duty nylon casing increases strength and durability and promotes multiple retreads to get an excellent return on your investment.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm	Rolling Circumference mm	PR	Load capacity				Tons Kilometer per hour (TKPH)
			SW mm	OD mm				Transport (50 kmph)		Loading (10 kmph)		
								Max Load kgs / (lbs)	Infl. Pressure bar / (psi)	Max Load kgs / (lbs)	Infl. Pressure bar / (psi)	
14.00 - 24	10.00	1.5	385 15.2	1368 53.9	630 24.8	4050 159.4	28	5600 12345	6.50 94	10000 22045	9.25 134	154
14.00 - 25	10.00	1.5	385 15.2	1368 53.9	630 24.8	4050 159.4	20	4625 10200	4.75 69	8500 18740	7.0 102	128
							24	5150 11400	5.75 83	9500 20945	8.5 123	142

All tyres conform to T & RA and ETRTO Standards

Note : PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : E3 / L3

ROCK - XL


TYPE : TUBELESS

- Sturdy lug design together with a robust heavy duty casing makes this tyre ideal for severe heavy duty applications in mining & quarrying.
- Self cleaning sturdy lugs are designed for better traction all the same time more rubber in the footprint offers better penetration resistance and excellent mileage.
- A specially formulated heat and cut resistant compound resists cuts and snags, and provides optimum wear in a variety of operating conditions.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm	Rolling Circumference mm	PR	Load capacity			
			SW mm	OD mm				Transport (50 kmph)		Loading (10 kmph)	
								Max Load kgs / (lbs)	Infl. Pressure bar / (psi)	Max Load kgs / (lbs)	Infl. Pressure bar / (psi)
16.00 - 25	11.25	2.0	432 17.0	1493 58.8	686 27.0	4420 174.0	32	7300 16090	6.5 94	12500 27560	8.75 127
21.00 - 25	15	3.0	585 23.0	1759 69.3	800 31.5	5140 202.4	40	11850 26125	6.25 91	20600 45415	8.25 120

All tyres conform to T & RA and ETRTO Standards

Note : PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : IND 4, SMOOTH EXTRA DEEP TREAD

PORT PRO SL

TYPE : TUBELESS

- Specially designed for heavy duty forklifts and containers handlers (reach stackers) operating on hard improved surfaces.
- Specially formulated extra deep tread, reinforced sidewalls offer superior heat resistance for trouble free service & longer life.
- Flatter tread with large tread width provides high ground contact area for good traction on paved surfaces.

Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm	Rolling Circumference mm	PR	Load Capacity for Industrial applications (on hard improved surfaces)						Non Skid Depth mm
				SW mm	OD mm				Infl. Pressure bar/(psi)	25 kmph	10 kmph	5 kmph	1 kmph	Static	
										Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	
18.00-25	Tubeless	13.00	2.5	498 19.6	1673 65.9	768 30.2	4952 195.0	40	10.5 150	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460	54 2.1
18.00-33	Tubeless	13.00	2.5	498 19.6	1877 73.9	862 33.9	5556 218.7	40	11.4 165	25000 55000	27000 59400	29000 63800	32000 70400	36000 79200	56 2.2

All tyres conform to T & RA and ETRTO Standards



CATEGORY : IND 5, SMOOTH EXTRA DEEP TREAD

PORT PRO SL

- Specially designed for heavy duty forklifts and container s handlers (reach stackers) operating on hard improved surfaces.
- Specially formulated extra deep tread, reinforced sidewalls offer superior heat resistance for trouble free service & longer life.
- Flatter tread with large tread width provides high ground contact area for good traction on paved surfaces.

Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm	Rolling Circumference mm	PR	Load Capacity for Industrial applications (on hard improved surfaces)						Non Skid Depth mm
				SW mm	OD mm				Infl. Pressure bar/(psi)	25 kmph	10 kmph	5 kmph	1 kmph	Static	
										Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	Max Load Capacity kgs/(lbs)	
18.00-25	Tubeless	13.00	2.5	498 19.6	1673 65.9	768 30.2	4952 195.0	40	10.5 150	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460	77 3.03

All tyres conform to T & RA and ETRTO Standards



CATEGORY : L4 S (IND)
SLICK 431

- Designed for heavy duty forklifts and container handling equipments operating on hard improved surface.
- Specially formulated deep tread, reinforced sidewalls offer superior resistance to wear & damage and ensures long life.
- Flatter tread with large tread width provides high ground contact area for good traction on paved ground.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial applications (Reach Stacker)					
			SW	OD				Infl. Pressure bar/(psi)	25 kmph	10 kmph	5 kmph	1 kmph	Static
									Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)
16.00 - 25	11.25	2	432	1548	715	4580	32	10	15625	16875	18125	20000	22500
			17.0	60.94	28.15	180.3		145	34450	37200	39960	44090	49605



CATEGORY : L5 S INDUSTRIAL, SMOOTH EXTRA DEEP TREAD
SLICK 404
TYPE : TUBELESS / TUBE TYPE

- Designed for heavy duty forklifts and container handlers (reach stackers) operating on hard improved surfaces.
- Specially formulated extra deep tread, reinforced sidewalls offer superior heat resistance for trouble free service & longer life
- Flatter tread with large tread width provides high ground contact area for good traction on paved ground.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load Capacity for Industrial applications (Reach Stacker)					
			SW	OD				Infl. Pressure bar/(psi)	25 kmph	10 kmph	5 kmph	1 kmph	Static
									Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)
12.00 - 20	8.5	-	315 12.4	1163 45.8	538 21.2	3433 135.2	20	10 145	7690 16950	8300 18300	8920 19665	9840 21690	11070 24400
14.00 - 24	10.00	1.5	375 14.8	1418 55.83	658 25.9	4197 165.2	28	10 145	12500 27560	13500 29760	14500 31965	16000 35275	18000 39685
18.00 - 25	13.00	2.5	498 19.6	1673 65.9	768 30.2	4952 195.0	40	10.5 150	21250 46845	22950 50595	24650 54345	27200 59965	30600 67460

All tyres conform to T & RA and ETRTO Standards
Note : 1) PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : E3 / L3
TRAC - XL
TYPE : TUBELESS / TUBETYPE

- The massive heavy duty tyre for dump trucks, loaders and dozers for applications on rock, coal and log-strewn terrain.
- Specially designed non directional tread and wide ground contact area provides excellent grip, traction and high mileage even on most severe terrain.
- A special heat, cut and weather resistant compound protects the tyre from cuts and snags.

Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load capacity				Tons Kilometer per hour (TKPH)
				SW	OD				Transport (50 kmph)		Loading (10 kmph)		
									Max Load Capacity kgs / (lbs)	Infl. Pressure bar / (psi)	Max Load Capacity kgs / (lbs)	Infl. Pressure bar / (psi)	
				mm in	mm in	mm in	mm in						
17.5-25	Tube type/ Tubeless	14	1.5	445 17.5	1348 53.08	624 24.6	3990 157.1	20	5000 11000	4 58	8250 18200	5.75 83	103
20.5-25	Tube type/ Tubeless	17	2	521 20.5	1493 58.8	686 27.0	4416 173.8	20	6000 13200	3.25 47	9500 20900	4.5 65	119
23.5-25	Tube type/ Tubeless	19.5	2.5	597 23.5	1617 63.7	740 29.1	4786 188.4	20	7300 16100	3 44	10900 24000	3.75 54	136
26.5-25	Tubeless	22	3.0	677 26.7	1750 68.9	798 31.4	5125 201.8	28	9250 20400	3 44	14000 30900	4 58	175

All tyres conform to T & RA and ETRTO Standards
Note : PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : E3 / L3
TRAC - XL
TYPE : TUBETYPE

- The massive heavy duty tyre for side dump trucks, loaders & for applications on rock, coal and log-strewn terrain.
- Specially designed non directional tread and wide ground contact area provides excellent grip, traction and high mileage even on most severe terrain.
- A special heat, cuts and weather resistant compound protects the tyre from cuts and snags.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load capacity			
			SW	OD				Transport (50 kmph)		Loading (10 kmph)	
								Max Load Capacity kgs / (lbs)	Infl. Pressure bar / (psi)	Max Load Capacity kgs / (lbs)	Infl. Pressure bar / (psi)
14.00-20	10	2.0	382 15.0	1266 49.8	583 23.0	3750 147.6	22	5.5 80	4365 9625	8230 18145	8.5 125

All tyres conform to T & RA and ETRTO Standards
Note : PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : E4 / L4
ROCK - XL
TYPE : TUBELESS

- Deep tread and a sturdy lug design together with a robust heavy duty casing makes this tyre ideal for severe heavy duty applications in mining, quarrying and rock excavation operations.
- Self cleaning sturdy lugs are designed for better traction at the same time more rubber in the footprint offers better penetration resistance and excellent mileage.
- A specially formulated heat and cuts resistance compound resists cuts and snags and provides optimum wear in a variety of operating conditions.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load capacity				Tons Kilometer per hour (TKPH)
			SW	OD				Transport (50 kmph)		Loading (10 kmph)		
					Max Load kgs / (lbs)	Infl. Pressure bar/(psi)		Max Load kgs/(lbs)	Infl. Pressure bar / (psi)			
										mm in	mm in	
18.00 - 25	13.00	2.5	498	1673	764	4952	32	8750	5.75	15000	7.5	160
			19.6	65.9	30.1	195.0		19300	83	33100	109	
							40	9750	7.0	17000	9.5	176
								21500	102	37480	138	
18.00 - 33	13	2.5	498	1877	866	5556	40	11200	7.0	19500	9.5	204
			19.6	73.9	34.1	218.7		24690	102	42990	138	
21.00 - 35	15	3.0	595	2052	953	6125	40	14000	6.25	24300	8.25	280
			23.4	80.8	37.5	241		30865	91	53570	120	
24.00 - 35	17	3.5	653	2175	998	6390	48	18500	6.5	31500	8.5	300
			25.7	85.6	39.3	251.5		10785	95	69445	125	

All tyres conform to T & RA and ETRTO Standards

Note : PLY RATING other than mentioned can be produced for special requirements.



CATEGORY : E4 / L4
GRIP MASTER XL
TYPE : TUBELESS / TUBETYPE

- Extra deep tread and a robust muscular casing makes this tyre ideal for severe heavy duty applications in mining, quarrying and rock excavation operations.
- A specially formulated heat and cut resistant compound resists cuts and snags, and provides optimum wear in a variety of operating conditions.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load capacity				Tons Kilometer per hour (TKPH)
			SW	OD				Transport (50 kmph)		Loading (10 kmph)		
					Max Load kgs / (lbs)	Infl. Pressure bar/(psi)	Max Load kgs/(lbs)	Infl. Pressure bar / (psi)				
18.00 - 25	13.00	2.5	498	1673	764	4952	32	8750	5.75	15000	7.5	160
			19.6	65.9	30.1	195.0	40	19300	83	33100	109	176
								9750	7.0	17000	9.5	176
								21500	102	37480	138	

All tyres conform to T & RA and ETRTO Standards

Note : PLY RATING other than mentioned can be produced for special requirements.




INDUSTRIAL TRACTOR R 4
TYROCK

- Tread pattern designed for very good traction and self cleaning properties.
- Specially designed for industrial applications for front wheels of Back Hoe Loaders, Wheel Loaders etc.
- Also suitable for both Free Rolling & Drive wheel Applications.

Size	Rim inches	Outer Diameter mm	Section Width mm	Static loaded radius mm	Rolling Circumference mm	PR	Inflation Pressure bar	Free Rolling Wheel		Drive Wheel	
								Load Index Speed Symbol	Load Capacity (Kg)	Load Index Speed Symbol	Load Capacity (Kg)
12.5 / 80 - 18	9.0	988	308	465	2900	12	3.7	138 A8	2360	125 A8	1650


All tyres conform to ETRTO Standards



Tyrock Super

INDUSTRIAL TRACTOR (R 4)
DRIVE WHEEL R4
TUBETYPE / TUBELESS

- Drive wheel tyres for industrial tractors with extra wide lugs gives excellent resistance to tearing and cracking.
- A tough nylon casing and a special tread compound gives best results on industrial use as well as off the road and construction sites.



Tyrock 80

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circumference	PR load Index	Load Carrying capacity, kg (lbs)								
		SW	OD				Speed km/h (mph)								
							Industrial Use						Agricultural Use		
							Infl Pr.	Constant load		Cyclic Application		Infl Pr.	Road transport		
							mm in	mm in	mm in	mm in	Speed Symbol	bar psi	20 12	40 25	20 12
16.9 - 28	W15L W14L	429 16.9	1410 55.5	641 25.2	4179 164.5		2.3	3600	3300	4060	3300	2.1	3380	2520	
							33	7930	7270	8940	7270	30	7440	5550	
							2.4	3700	3390	4170	3390	2.2	3470	2590	
							35	8150	7470	9190	7470	32	7640	5700	
							12PR	2.6	3870	3550	4370	3550	2.4	3650	2725
							152A8	38	8520	7820	9630	7820	35	8040	6000
							2.7	3970	3640	4480	3640	2.5	3770	2810	
							39	8740	8020	9870	8020	36	8300	6190	
							2.8	4050	3720	4580	3720	2.6	3850	2870	
							41	8920	8190	10090	8190	38	8480	6320	
							14PR	3	4220	3875	4770	3875	2.8	4020	3000
							155A8	44	9300	8540	10510	8540	41	8850	6610
19.5L - 24	W17L	495	1335	592	3880	12PR	2.3					2.1			
TYROCK 80		19.5	52.6	23.3	152.7	151A8	33		3450		3450	30		2650	
									7600		7600			5840	

All tyres conform to ETRTO Standards


CATEGORY : G2 / L2

GRADER - XL

TYPE : TUBELESS / TUBETYPE

- A sturdy, robust tyre for drive wheel off the road equipment.
- Superior tread and sidewall compounds with weather and ozone resistant properties and a strong nylon casing ensure smooth, trouble free services in the most severe operating conditions.
- Ideal for use in motor graders as well as loaders.

Size	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR	Load capacity		Load capacity	
			SW	OD				GRADER SERVICE		LOADER SERVICE	
								40kmph / (25mph)		10kmph / (5mph)	
								Max Load kgs / (lbs)	Infl. Pressure bar / (psi)	Max Load kgs / (lbs)	Infl. Pressure bar / (psi)
13.00 - 24	8.00	1.4	333	1278	582	3783	12	2725	3.0	5600	4.5
			13.1	50.3	22.9	148.9	16	6000	44.0	12350	65
14.00 - 24	8.00	1.4	362	1348	614	3990	12	3075	2.5	6300	4.25
			14.3	53.1	24.2	157.1	16	6800	36.0	13890	62
								8050	51	16090	80
								3650	3.5	7300	5.5
								8050	51	16090	80




CATEGORY : G2 / L2

LOADER - XL

TYPE : TUBELESS / TUBETYPE

- A tough wide base tyre, provides traction as well as high floatation.
- Superior compound and a tough casing makes it ideal for rugged service on front end loader.

Size	Rim Width in	Flange Height in	Unloaded dimension		Loaded Static Radius	Rolling Circum	PR	Load capacity		Load capacity	
			SW	OD				GRADER SERVICE		LOADER SERVICE	
								40kmph / (25mph)		10kmph / (5mph)	
								Max Load kgs/(lbs)	Infl. Pressure bar/(lbs)	Max Load kgs/(lbs)	Infl. Pressure bar/(lbs)
mm in	mm in	mm in	mm in								
15.5 - 25	12.00	1.3	394	1278	594	3780	12	2650	2.5	5600	4.0
			15.5	50.3	23.4	148.8	12	5840	36.0	12345	58.0
17.5 - 25	14.00	1.5	445	1348	624	3990	12	2900	2.0	6150	3.5
								6400	29.0	13600	51.0
							16	3350	3	7300	4.75
			17.5	53.1	24.6	157.1		7400	40	16100	69

		<div>  <div> LOADER - XL TYPE : TUBELESS / TUBETYPE </div> <ul style="list-style-type: none"> • High Floatation tyre designed for rugged, high performance service on front end loader as well as dozer applications. • Wide robust tread bars are specially designed to provide maximum traction and to resist tearing and chipping. • A superior cut and weather resistant compound coupled with a strong nylon casing makes this tyre ideal for use in shovel loaders, dozers, scrapers and special vehicles on building sites. </div>									
Size	Rim Width in	Flange Height in	Unloaded dimension		Loaded Static Radius mm in	Rolling Circum mm in	PR	Load capacity GRADER SERVICE 40kmph / (25mph)		Load capacity LOADER SERVICE 10kmph / (5mph)	
			SW	OD				Max Load kgs/(lbs)	Infl. Pressure bar/(lbs)	Max Load kgs/(lbs)	Infl. Pressure bar/(lbs)
			mm in	mm in							
20.5 - 25	17.00	2.0	520	1492	686	4416	12	3550	1.75	6700	2.5
			20.5	58.7	27.0	173.8	16	4000	2.25	8250	3.50
								8800	33	18200	51

All tyres conform to T & RA and ETRTO Standards

GRADER SERVICE : Distance - Unlimited (Speed : 40 kmph / 25 mph)

LOADER SERVICE : Distance - 76m / 250 ft (Speed : 10kmph / 5mph)

DOZER SERVICE : May vary depending on work situations (Speed : 10 kmph / 5 mph)

<div> SUPER TRANSPORT LUG FOR USE IN INTERMITTENT HIGHWAY SERVICE </div> <ul style="list-style-type: none"> • These are mining and logging tyres which can also be used in intermittent highway service. • All the patterns are designed to carry heavy loads on all types of surfaces such as rock, mud or on highways. • Special tread designs provide good traction and high mileage, whereas cap base construction coupled with a strong nylon casing ensure cooler running and long life. 							
CT SUPER		TRAC XL		TRAC XL		ROCK XL	
							
				(12.00-24)			
Size	Pattern	Rim Width in	Unloaded dimension		PR	Infl. press bar psi	Load Capacity
			SW	OD			
			mm in	mm in			
9.00 - 20	CT SUPER	7	265	1045	16	7.25	2325
			10.4	41.1		105	5125
10.00 - 20	TRAC-XL	7.5	276	1064	18	7.25	2690
			10.9	42.2		105	5930
11.00 - 20	ROCK XL	8.0	293	1106	18	7.6	3000
			11.5	43.5		110	6610
12.00 - 24	ROCK-XL	8.5	328	1257	20	8.4	3975
			12.9	49.5		122	8765
12.00 - 24	TRAC XL	8.5	315	1247	20	7.9	3875
			12.4	49.1		115	8540


All tyres conform to Standards manual of Indian Tyre Technical Advisory Committee (ITTAC) & T & RA

NOTES : 1) These tyres are not intended for sustained Highway service.


2) Distance must not exceed 90 km in any 11/2 hour period of run.

		<div>  <div> SKID STEER GRIP MASTER LOADER TUBELESS </div> <ul style="list-style-type: none"> • The most durable and versatile skid steer tyre. • Superior tread compounds provide resistance to chipping, chunking and tear. </div>									
Size	Rim Width in	Unloaded dimension		Loaded Static Radius mm in	Rolling Circumference mm in	Ply Rating	Infl. press bar psi	Load Carrying capacity, kg (lbs)			
		SW	OD					Speed, km/h (mph)			
		mm in	mm in					Static	10 5	15 10	30 20
10-16.5	8.25	264	773	358	2320	8PR	4.1	2970	1880	1485	1280
		10.4	30.4	14.1	91.3	10PR	5.2	6550	4145	3275	2820
							75	7440	4705	3715	3195
12-16.5	9.75	307	831	383	2490	10PR	4.5	4015	2540	2005	1725
		12.1	32.73	15.1	98.0	12PR	5.5	8850	5600	4420	3800
							80	9975	6315	4980	4300

All tyres conform to T & RA Standards

		<div>  <div> GRIP MASTER LOADER H.D. TUBELESS </div> <ul style="list-style-type: none"> • Premium tyre with Increased tread depth and extra thick sidewall for improved traction and puncture resistance. • Tough nylon casing provides excellent durability whereas a superior tread compound provides longer life resistance to chip and tear. • Specially designed Rim Guard provides greater protection of rim flange area against damage. </div>									
Size	Rim Width in	Unloaded dimension		Loaded Static Radius mm in	Rolling Circumference mm in	Ply Rating	Infl. press bar psi	Load Carrying capacity, kg (lbs)			
		SW	OD					Recommended load, kg (lbs)			
		mm in	mm in					Speed, km/h (mph)			
10-16.5 HD	8.25	264	773	358	2320	8PR	4.1	2970	1880	1485	1280
		10.4	30.4	14.1	91.3	10PR	5.2	6550	4145	3275	2820
							75	7440	4705	3715	3195
12-16.5 HD	9.75	307	831	383	2490	10PR	4.5	4015	2540	2005	1725
		12.1	32.73	15.1	98.0	12PR	5.5	8850	5600	4420	3800
							80	9975	6315	4980	4300

All tyres conform to T & RA Standards




INDUSTRIAL FORKLIFT
ELEVETA
TUBETYPE

- Specially designed for heavy duty service on forklift trucks, material handling and mining equipments.
- Alternate continuous lug with high contact area provides maximum stability and load distribution.
- Tough casing provides excellent durability, while superior tread compound provides greater resistance to tear and cuts.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR Load Index	Infl. press	Load Carrying capacity, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Lift-truck				Side Loaders			Other vehicles		
								Steering wheel	load wheel			Static	25	35	10	25	50
		mm in	mm in	mm in	mm in	Speed Sym	bar psi	25 16	35 22	25 16	35 22	Static	25 16	35 22	10 6	25 16	50 31
6.00 - 9	4.00E	160 6.3	540 21.3	245 9.6	1599 63	10PR 118A5	8.5 123	1320 2910	1220 2690	1720 3790	1650 3640	1990 4380	1320 2910	1220 2690	1720 3790	1320 2910	1110 2440
6.90 - 9	5.50K	175 6.9	545 21.5	247 9.7	1612 63.5	10PR 116A5	8.6 125	1250 2750	1160 2560	1630 3590	1560 3440	1890 4160	1250 2750	1160 2560	1630 3580	1250 2750	1050 2310
6.50 - 10	5.00F	177 7.0	588 23.1	267 10.5	1740 68.5	10PR 122A5	7.75 112	1500 3305	1390 3065	1950 4300	1875 4135	2265 4995	1500 3305	1390 3065	1950 4300	1500 3305	1260 2780
7.00 - 12	5.00K	192 7.6	683 26.9	311 12.2	2027 79.8	12PR 133A5	8.5 123	2060 4540	1905 4200	2680 5910	2575 5675	3110 6855	2060 4540	1905 4200	2680 5910	2060 4540	1730 3815
8.25 - 15	6.5	236 9.3	847 33.3	386 15.2	2515 99	12PR 146A5	7.0 104	3000 6610	2780 6120	3900 8590	3750 8260	4530 9980	3000 6610	2780 6120	3900 8590	3000 6610	2520 5550

All tyres conform to ETRTO Standards




SLICK 413

- Specially designed for port applications as well as in mining operations.

Size	Rim	Unloaded dimension		Static Loaded Radius	Rolling Circum	PR Load Index	Infl. press.	Recommend load, kg (lbs)									
		SW	OD					Speed, km/h (mph)									
								Lift-truck				Side Loaders			Other vehicles		
								Steering wheel		load wheel							
								mm in	mm in	mm in	mm in	Speed Sym	bar psi	25 16	35 22	25 16	35 22
7.00 - 12	5.00K	192 7.6	683 26.9	311 12.2	2027 79.8	12PR	8.5	2060	1905	2680	2575	3110	2060	1905	2680	2060	1730
						133A5	123	4540	4200	5910	5675	6855	4540	4200	5910	4540	3815
						14PR	9.0	2120	1960	2755	2650	3200	2120	1960	2755	2120	1780
						134A5	131	4675	4320	6075	5840	7055	4675	4320	6075	4675	3925
						16PR	10.0	2240	2070	2910	2800	3380	2240	2070	2910	2240	1880
						136A5	145	4940	4565	6415	6175	7450	4940	4565	6415	4940	4145

All tyres conform to ETRTO Standards



CATEGORY : UNDERGROUND MINING

SLICK 413

TYPE : TUBETYPE

- Specially designed for underground mines, SLICK 413 is capable to carry Load under most severe operating conditions.
- Specially formulated deep tread, reinforced sidewalls offer superior resistance to wear & damage and ensures high mileage.
- Flatter tread with large tread width provides high ground contact area for good traction.

Size	Rim Width in	Unloaded dimension		PR	Load Capacity for Industrial applications (on hard improved surfaces)			
		SW	OD		Infl. press bar psi	25 kmph	10 kmph	Static
						Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)	Max Load Capacity kgs /(lbs)
7.00 - 12	5.00K	192 7.6	683 26.9	16	12PR	2060	2680	3110
					133A5	4540	5910	6855
					14PR	2120	2755	3200
					133A5	4675	6075	7055
9.00 - 20	7.00	259 10.2	1038 40.9	16	16PR	2240	2910	3380
					136A5	4940	6415	7450
					7.25	3170	3965	6340
					105	6990	8740	13980

All tyres conform to ITTAC, T & RA and ETRTO Standards

UNDERGROUND MINING
CATEGORY : L5 S, SMOOTH EXTRA DEEP TREAD

SLICK 404

CUT RESISTANT

TYPE : TUBELESS / TUBE TYPE

- Specially designed for applications in underground mines, heavy duty forklifts and loaders.
- Extra deep tread, with specially formulated cut resistant rubber compound and reinforced sidewalls offer resistance to cut & wear and ensures high mileage.
- Flatter tread with large tread width provides high ground contact area for good traction on paved surface.

Size	Type	Rim Width in	Flange Height in	Unloaded dimension		Static Loaded Radius mm in	Rolling Circum mm in	PR	Load Carrying Capacity			
				SW mm in	OD mm in				Infl. Pressure bar/(psi)	10 kmph	15 kmph	25 kmph
										Max Load kgs/(lbs)	Max Load kgs/(lbs)	Max Load kgs/(lbs)
12.00 - 20	Tubetype	8.50	-	315 12.4	1163 45.8	538 21.2	3433 135.2	20	7.75 112	6000 13230	5220 11510	4800 10580
12.00 - 24	Tubetype	8.5	-	310 12.2	1270 50	592 23.3	3759 148	20	8.25 120	6900 15210	6000 13230	5520 12170
14.00 - 24	Tubetype	10.00	1.5	375 14.8	1418 55.83	658 25.9	4197 165.2	24	8.5 125	9500 20945	8260 18210	
14.00 - 25	Tubeless	10.00	1.5	375 14.8	1418 55.83	658 25.9	4197 165.2	24	8.5 125	9500 20945	8260 18210	
17.5-25	Tubeless	14	1.5	445 17.5	1399 55.08	648 25.51	4141 163.03	20	5.75 83	8250 18200	7180 15830	6600 14550
18.00 - 25	Tubeless	13.00	2.5	498 19.6	1673 65.9	768 30.2	4952 195.0	40	9.5 138	17000 37480	14790 30605	13600 29980

All tyres conform to T & RA and ETRTO Standards

Note : 1) PLY RATING other than mentioned can be produced for special requirements.



MULTI PURPOSE TYRE (MPT 602)

- "ALTURA" branded MPT 602 tyres are designed for on the road, off-the-road and OTR services.
- Specially designed wide, diagonal lugs offer self cleaning properties, resistance to side slip and excellent traction in all weather and service conditions, for on and off road driving.

Size	Rim Width in	Unloaded dimension		Loaded Static Radius	Rolling Circum	TYPE	PR	Infl. Press. bar psi	Load Carrying capacity		
		SW	OD						Load Index & Speed symbol	Max Speed (kmph)	Max Load (kg)
12.5 - 18	11.0	325	990	455	2910	TL	12	3.5	134 D	65	2120
10.00 - 20	7.5	280	1075	509	3255	TT	16	7.5	146 B	50	3000
12.5 - 20	11.0	325	1042	480	3065	TL	12	3.5	135 D	65	2180
14.5 - 20	11.0	358	1095	506	3240	TL	12	4.0	139 D	65	2430
405 / 70 - 20 (16.0 / 70 - 20)	13.0	405	1085	500	3190	TL	14	3.5	148 D	65	3150
405 / 70 - 24 (16.0 / 70 - 24)	13.0	405	1180	547	3470	TL	14	4.0	151 D	65	3450

All tyres conform to ETRTO Standards



MULTI PURPOSE TYRE (MPT 800)

- "ALTURA" branded MPT 800 tyres are designed for agricultural use, industrial / construction sites and other on and off road applications.
- Extra strong, deep lugs with double angle design provides high traction, self cleaning properties and high surface contact area for better haulage in both on and off road service.
- Ideally suitable for telescopic handlers and all loader applications.

Size	Rim Width in	Unloaded dimension		Loaded Static Radius	Rolling Circum	TYPE	PR	Infl. Press. bar psi	Load Carrying capacity		
		SW	OD						Load Index & Speed symbol	Max Speed (kmph)	Max Load (kg)
405/ 70-20 (16.0/70-20)	13.0	405	1098	505	3225	TL	14	3.5	149 B	50	3250
405 / 70-24 (16.0/70 - 24)	13.0	405	1188	551	3490	TL	14	4.0	152 B	50	3550

All tyres conform to ETRTO Standards



INDUSTRIAL TYRES

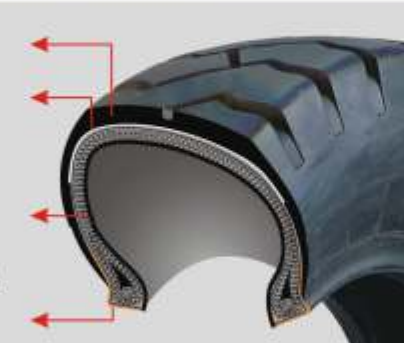


Tread : High contact area
Low Rolling resistance

Breaker plies for
puncture resistance

Heavy duty casing
provides stability to
the lift truck

Bead : High tensile strength
bead wires ensures proper
rim/tyre fitment



Tractor Drive wheel R3 and R4 tyres, Skid steer, Industrial Forklift, MPT and tyres for container handling form the range. Specially designed tread patterns, superior compound formulations and strong nylon casings ensures optimum tread wear, traction and trouble-free long service life.

Tyres can also be custom made to cater to the exact need of the customers.



Fork lift Trucks



Skid Steer Loaders



Industrial Tractor



Road Compactor