



EMERALD
OFF-THE-ROAD TYRE SOLUTIONS
INDUSTRIAL PNEUMATIC

Emerald Resilient Tyre Manufacturers Pvt Ltd - Market leader in industrial tyre and wheel segment in india offers customised solutions through it's range of products that meets the diversified requirements of material handling industry at large in the globe.

Emerald offers comprehensive range of Industrial Pneumatic tyres that covers Fork lifts, Skid steer, Lawn and Garden mowers, Agricultural implement segment which meet every single application requirements of the customer.



FORKLIFT - IND01

- Heavy duty design for tough applications
- Special tread compound for cooler running & wear resistance
- Wider tread profile for improved traction & stability

SIZE	RIM (inch)	ALTERNATE RIM (inch)	INFLATED DIMENSIONS (mm) +/-2%		NSD		PLY RATING	INFLATION PRESSURE		LOAD CAPACITY (kg) FORK LIFT - upto 25 kmph		
			OD	CROSS SW	(mm)	(32 nd of inch)		bar	psi	LOAD WHEEL	STEER WHEEL	SIDE LOADERS
5.00-8	3.00	--	470	145	13.00	16.5/32	8	8.25	117	1235	950	1435
							10	10.00	142	1415	1090	1645
16x6-8	4.33	--	420	158	12.50	15.5/32	18	10.50	150	1540	1185	1790
18x7-8	4.33	--	462	170	17.00	21.5/32	14	9.00	128	1910	1460	2400
							16	10.00	142	2145	1650	2490
							18	10.50	150	2210	1700	2565
21x8-9	6.00	7.00	535	210	18.00	22.5/32	16	10.00	142	2755	2120	3200
6.00-9	4.00	--	540	165	15.50	19.5/32	10	8.50	120	1715	1320	1990
							12	10.00	142	1885	1450	2190
6.50-10	5.00	5.50	598	190	15.50	19.5/32	10	7.75	110	1950	1500	2260
							12	9.00	128	2145	1650	2490
							14	10.00	142	2340	1800	2650
7.00-12	5.00	--	680	196	15.50	19.5/32	12	8.50	120	2680	2060	3110
							14	9.00	128	2755	2120	3200
							16	10.00	142	2910	2240	3400
23x9 -10	7.00	--	590	235	18.50	23.5/32	18	9.00	128	3160	2430	3670
							20	10.00	142	3445	2650	4000
27x10-12	8.00	--	692	252	21.50	27.0/32	12	7.25	103	3250	2470	4275
							16	8.00	114	3900	3000	4530
23x10-12	8.00	--	605	260	15.50	19.5/32	18	9.00	128	3385	2605	3935
7.00-15	5.50	--	750	200	18.00	22.5/32	12	8.25	117	3070	2360	3565
							14	9.25	132	3280	2525	3810
							16	10.00	142	3545	2725	3990
7.50-15	6.00	5.50,6.50	780	218	18.00	22.5/32	14	9.25	132	3640	2800	4230
							16	10.00	142	3810	2930	4425
8.15-15	7.00	--	725	219	18.00	22.5/32	12	8.25	117	3445	2650	4000
							14	10.00	142	3900	3000	4530
							16	10.50	150	4010	3085	4660
250-15	7.00	7.50	747	250	18.00	22.5/32	16	8.25	117	4355	3350	5060
300 -15	8.00	--	840	300	22.00	27.5/32	16	6.00	85	5130	3945	5955
							18	7.50	107	5845	4495	6785
							20	9.00	128	6500	5000	7550
8.25-15	6.50	6.00/7.00	840	235	21.00	26.5/32	14	8.00	114	4225	3250	4910
							16	9.25	132	4615	3550	5345



FORKLIFT - IND04

- Reinforced nylon casing for higher load rating
- Reinforced sidewall for reduced deflection & improved protection
- Rim-guard protector for rim flange area

SIZE	RIM (inch)	ALTERNATE RIM (inch)	INFLATED DIMENSIONS (MM) +/-2%		NSD		PLY RATING	INFLATION PRESSURE		LOAD CAPACITY (KG) FORK LIFT - UPTO 25 KMPH		
			OD	CROSS SW	(mm)	(32 nd of inch)		bar	psi	LOAD WHEEL	STEER WHEEL	SIDE LOADERS
5.00 - 8	3.00	--	473	135	12.50	16/32	8	8.25	117	1235	950	1435
6.90/6.00 - 9	4.00		540	160	14.00	17.5/32	10	8.50	121	1715	1320	1990
6.50 - 10	5.00	5.50	600	185	15.50	19.50/32	10	7.75	110	1950	1500	2260
7.00 - 12	5.00	--	685	195	16.80	21/32	14	9.00	128	2755	2120	3200
8.15 - 15	7.00	--	715	219	18.50	23/32	14	10.00	142	3900	3000	4530
8.25 - 15	6.50	6.00/7.00	845	240	18.00	22.50/32	14	8.00	114	4225	3250	4910



LAWN AND GARDEN

- Specially designed tread pattern for maximum traction
- Deep tread depth provides longer life
- Reinforced casing gives increased puncture resistance

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (mm) +/-2%			LOAD CAPACITY (kg)	SPEED (kmph)	IP (bar)
			OD	CSW	PLY RATING			
26 x 12.00 - 12 TRACTION	TL	10.50	660	310	12	1550	15.0	4.1



AGRICULTURAL IMPLEMENT

- Designed with low section profile for lesser soil compaction
- Specially designed for drive and free rolling wheels
- Strengthened casing for higher load capacity

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (mm) +/-2%			LOAD CAPACITY (kg) FOR FREE ROLLING WHEEL			
						30 kmph with HLV		40 kmph with HLV	
			OD	CSW	PLY RATING	LOAD CAPACITY	IP (bar)	LOAD CAPACITY	IP (bar)
10.0/80 - 12	TL	9.00	710	270	8	1500	4.2	1250	4.0
10.0 / 75 - 15.3	TL	9.00	760	264	10	1800	5	1550	5.1
11.5 / 80 - 15.3	TL	9.00	850	290	12	2575	5.5	2180	5.3
12.5 / 80 - 15.3	TL	9.00	890	305	14	3075	5.7	2650	5.6



TRACTOR

- Special tread compound for high wear resistance
- Reinforced nylon casing for higher load rating
- Reinforced sidewall for improved protection

SIZE	TYPE	RIM (inch)	APPLICATION	INFLATED DIMENSIONS (MM) +/- 2%		PLY RATING	LOAD CAPACITY (kg) @ 30 kmph	IP(Bar)
				OD	CSW			
7.50 - 16	TT	6.00	TRACTOR TRAILER (TT)	804	216	16	2000	7.6
9.00 - 16	TT	6.00	TT / BACKHOE LOADER	910	240	16	2290	7.4
6.00 - 16	TT	4.50	TRACTOR FRONT	730	163	8	675	4.5



SKID STEER - SKT01

- Open self-cleaning lug profile
- Specially designed tread pattern for higher torque
- Deep tread lugs assure maximum tyre life
- Robust sidewall protects against damages
- Low heat build up compound for cooler running

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (MM) +/- 2%		NSD		PLY RATING	INFLATION PRESSURE		LOAD CAPACITY (kg)	
			OD	CSW	mm	(32nd of Inch)		bar	psi	8 kmph SPEED	16 kmph SPEED
23 x 8.50 - 12	TL	7.00	575	215	12.50	16/32	12	6.6	90	1195	940
10 - 16.5	TL	8.25	775	275	17.00	21.5/32	8	4.1	60	1875	1480
							10	5.2	72	2140	1690
12 - 16.5	TL	9.75	835	320	20.00	25/32	10	4.1	60	2425	1920
							12	4.8	70	2655	2100



SKID STEER - SKT05 (L5)

- SKT05-L5 – Built tough to last longer
- Deep lug & heavy duty tread compound for extended life
- Abrasive resistant tread resists puncture & cut damages
- Reinforced carcass construction for better load capacity
- Rim guard protector to avoid tyre-wheel damage

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (MM) +/- 2%		NSD		PLY RATING	INFLATION PRESSURE		LOAD CAPACITY (kg)	
			OD	CSW	mm	(32nd of Inch)		bar	psi	8 kmph SPEED	16 kmph SPEED
10 - 16.5	TL	8.25	802	262	37	47/32	14	6.3	90	2375	1875
12 - 16.5	TL	9.75	852	305	37	47/32	14	6.3	90	3120	2465



SKID STEER - IND01

- Heavy duty design for tough applications
- Wider tread profile for improved traction & stability
- Unique sipes in shoulder area for enhanced heat dissipation

SIZE	TYPE	RIM (inch)	INFLATED DIMENSIONS (MM) +/- 2%		NSD		PLY RATING	INFLATION PRESSURE		LOAD CAPACITY (kg)	
			OD	CSW	mm	(32nd of Inch)		bar	psi	8 kmph SPEED	16 kmph SPEED
10 - 16.5	TL	8.25	796	265	33	41.5/32	10	5.2	73	2140	1690
12 - 16.5	TL	9.75	865	320	33.5	42/32	12	4.8	70	2655	2100



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