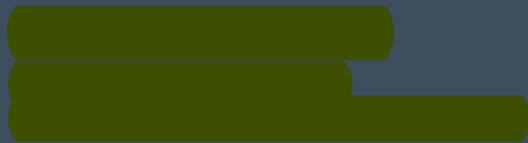




# TECHNICAL DATA BOOK





## Who We Are

Meet India's leading equipment manufacturers - **Massey Ferguson, Eicher, Swaraj, Sonalika, JCB, Bobcat, Tata Hitachi, L&T Construction, Escorts, ACE, John Deere and Mahindra.** What do they have in common? JK Tyre's off-highway tyres.

We are JK Tyre & Industries Ltd., **one of India's foremost tyre manufacturers and among the top 25 in the world.** Our superior treads and technology have helped businesses outperform themselves on farms, in factories, on roads and even in mines. We've kept the wheels of progress turning since 1977. **With 9 manufacturing units in India and 3 in Mexico, we produce 35 million tyres every year.** In other words, 35 million ways for you to get the bang for your buck, every single time.

- 2018**  
First tyre brand to feature in the LIMCA Book of Records for manufacturing India's largest tyre  
First tyre brand to introduce the sensor-based Smart Tyre-TPMS solution in India
- 2016**  
First Indian company to roll-out 10 million truck/bus radial tyres
- 2010**  
Manufactured India's largest OTR tyre of size 40.00-57  
JK Tyre became the world's first tyre company to simultaneously receive the ISO 9001 certification for its entire operations and the QS 9000 certification for its multi-location operations  
First tyre company in India to receive a Commendation Certificate from the "CII - Exim Bank Award for Business Excellence"  
First tyre company to introduce karting in India  
First Indian tyre company to be recognized as a 'superbrand'. JK Tyre has now received this award 7 times in a row
- 2006**  
Manufactured Z-rated Formula Radials (speed rating of 300 Kmph)
- 2004**  
Manufactured V-rated Passenger Radials (speed rating of 240 Kmph)
- 2003**  
Manufactured the 'Asymmetric' Passenger Radial tyre
- 2002**  
Manufactured the Green Tyre, an Eco-Friendly Radial
- 2001**  
Started manufacturing Radials for the entire range of Trucks/Buses, LCVs, MUVs, Jeeps, Cars and Tractors
- 2001**  
JK Tyre's Hari Singh was adjudged the first-ever Asia Zone Rally Champion and a 5-time National Rally Champion
- 1999**  
Manufactured All Steel Truck & Bus Radials
- 1996**  
Manufactured H-rated Radials (speed rating of 210 Kmph)
- 1995**  
Manufactured 'Dual Contact', an Aquasonic Tyre
- 1991**  
Manufactured T-rated Radials (speed rating of 190 Kmph)
- 1991**  
Established the Hari Shankar Singhania Elastomer and Tyre Research Institute (HASETRI), a first of its kind, state-of-the-art R&D Centre in Asia
- 1980**  
Manufactured Steel-Belted tyres for 3-wheelers
- 1977**  
Pioneered Radial technology in India by introducing Steel-Belted Passenger Radials



# TRULY WORLD-CLASS TYRES



**105+ Countries  
Innumerable  
World-Class Tyres**

# PRODUCT RANGE INDEX

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**GENERAL  
INFORMATION**

**AGRICULTURE**

**INDUSTRIAL, CONSTRUCTION & OTR**



# TREAD PATTERNS

## TRACTOR



**JTR 45**  
16-18



**Trac Master**  
19-21



**Field King**  
22-23



**Field King X**  
24-25



**Agri Gold**  
26-27



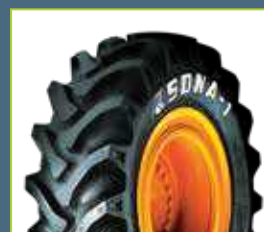
**Haul Grip**  
28-29



**Prithvi**  
30-31



**Shresth**  
32-33



**Sona-1**  
34-35



**Trac Super**  
36-37

## TRACTOR (FRONT)



**Sona H/F**  
38-39



**Sona**  
40-41



**FF 99**  
44-45



**Rib King**  
46-47



**Shresth**  
48-49

## TRACTOR TRAILER PIVOT IRRIGATOR



**Sona**  
50-51



**Sona-1 Thresher**  
52-53



**Sona-1**  
54-55



**Sona-5**  
58-59



**PI Zero**  
62-63

## IMPLEMENTS



**PI 23**  
64-65



**FI 99**  
68-69



**IMP 99**  
70-71



**Jet Trax Super**  
74-75



**Jet Trax Super II**  
76-77

## SKID STEER

## BACKHOE LOADER



**Jet Trax Ultima**  
78-79



**Jet Trax HD**  
80-81



**IND 99**  
84-85



**Industrial DX**  
86-87



**VBH Plus**  
88-89



**VBH Plus II**  
90-91



**Industrial King**  
92-93



**VBH STAR**  
94-95



**VBH Champion**  
96-97



**V-BH EQUO**  
98-99

## MULTIPURPOSE CONSTRUCTION TYRES

## WHEELED EXCAVATORS



**V-BHTEL**  
100-101



**VEM 99 Ultima**  
104-105



**TUFF GRIP**  
106-107



**MPT 117**  
108-109



**Tuff Grip**  
112-113

## PAVERS AND COMPACTORS

## GRADER



**V Compact**  
116-117



**VRC 18**  
118-119



**PTR Champion**  
120-121



**EG 04**  
124-125



**EG 04 DX**  
126-127

**WHEEL LOADER**



**VEM 99**  
128-129



**VEM AS**  
130-131



**VEM AS**  
134-135



**Mine Champion**  
136-137



**VEM 99**  
138-139

**RIGID DUMP TRUCK**



**VEM 63**  
140-141



**Mine Champion**  
144-145



**VEM 99**  
146-147



**VEM 045**  
148-149



**Rock Champion**  
150-151

**MATERIAL HANDLING RANGE**



**VEM 045 XD**  
152-153



**VEM Smooth**  
154-155



**Tipper King**  
156-157



**Tipper Champ**  
158-159



**Jet Lift**  
162-163



**Jet Lifter**  
164-165



**Port Champion**  
166-167



**VEM 99**  
168-169



**VEM Smooth**  
170-171



**VEM 045**  
172-173



**Jet Trax HD**  
174-175



**VEM AS**  
176-177



**VEM ROCK**  
178-179



**Crane King**  
180-181



**Crane King DX**  
182-183



**Jetsteel JDO XD**  
184-185

# LOAD RANGE DESIGNATIONS

LOAD RANGE	A	B	C	D	E	F	G	H	J	L	M	N
PLY RATING	2	4	6	8	10	12	14	16	18	20	22	24

# SPEED INDEX

SPEED INDEX	SPEED, (IN KMPH)
A1	5
A2	10
A3	15
A4	20
A5	25
A6	30
A7	35
A8	40
B	50
C	60
D	65
E	70
F	80
G	90
J	100
K	110
L	120
M	130
N	140
P	150
Q	160
R	170
S	180
T	190
U	200
H	210
V	240
W	270
Y	300



# LOAD INDEX



LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs	LI	kg	lbs
0	45	99	40	140	309	80	450	990	120	1400	3085	160	4500	9920	200	14000	30865	240	45000	99210
1	46.2	102	41	145	320	81	462	1020	121	1450	3195	161	4625	10195	201	14500	31970	241	46250	101965
2	47.5	105	42	150	331	82	475	1050	122	1500	3305	162	4750	10470	202	15000	33070	242	47500	104720
3	48.7	107	43	155	342	83	487	1075	123	1550	3415	163	4875	10750	203	15500	34170	243	48750	107475
4	50	110	44	160	353	84	500	1102	124	1600	3525	164	5000	11025	204	16000	35275	244	50000	110230
5	51.5	114	45	165	364	85	515	1135	125	1650	3640	165	5150	11355	205	16500	36375	245	51500	113540
6	53	117	46	170	375	86	530	1170	126	1700	3750	166	5300	11685	206	17000	37480	246	53000	116845
7	54.5	120	47	175	386	87	545	1200	127	1750	3860	167	5450	12015	207	17500	38580	247	54500	120150
8	56	123	48	180	397	88	560	1235	128	1800	3970	168	5600	12345	208	18000	39685	248	56000	123460
9	58	128	49	185	408	89	580	1280	129	1850	4080	169	5800	12785	209	18500	40785	249	58000	127870
10	60	132	50	190	419	90	600	1325	130	1900	4190	170	6000	13330	210	19000	41890	250	60000	132275
11	61.5	136	51	195	430	91	615	1355	131	1950	4300	171	6150	13560	211	19500	42990	251	61500	135585
12	63	139	52	200	441	92	630	1390	132	2000	4410	172	6300	13890	212	20000	44090	252	63000	138890
13	65	143	53	206	454	93	650	1435	133	2060	4540	173	6500	14330	213	20600	45415	253	65000	143300
14	67	148	54	212	467	94	670	1475	134	2120	4675	174	6700	14770	214	21200	46740	254	67000	147710
15	69	152	55	218	481	95	690	1520	135	2180	4805	175	6900	15210	215	21800	48060	255	69000	152120
16	71	157	56	224	494	96	710	1565	136	2240	4940	176	7100	15655	216	22400	49385	256	71000	156530
17	73	161	57	230	507	97	730	1610	137	2300	5070	177	7300	16095	217	23000	50705	257	73000	160935
18	75	165	58	236	520	98	750	1655	138	2360	5205	178	7500	16535	218	23600	52030	258	75000	165345
19	77.5	171	59	243	536	99	775	1710	139	2430	5355	179	7750	17085	219	24300	53570	259	77500	170860
20	80	176	60	250	551	100	800	1765	140	2500	5510	180	8000	17635	220	25000	55115	260	80000	176370
21	82.5	182	61	257	567	101	825	1821	141	2575	5675	181	8250	18190	221	25750	56770	261	82500	181880
22	85	187	62	265	584	102	850	1875	142	2650	5840	182	8500	18740	222	26500	58420	262	85000	187395
23	87.5	193	63	272	600	103	875	1930	143	2725	6010	183	8750	19290	223	27250	60075	263	87500	192905
24	90	198	64	280	617	104	900	1985	144	2800	6175	184	9000	19840	224	28000	61730	264	90000	198415
25	92.5	204	65	290	639	105	925	2040	145	2900	6395	185	9250	20395	225	29000	63935	265	92500	203925
26	95	209	66	300	661	106	950	2095	146	3000	6615	186	9500	20945	226	30000	66140	266	95000	209440
27	97.5	215	67	307	677	107	975	2150	147	3075	6780	187	9750	21495	227	30750	67790	267	97500	214950
28	100	220	68	315	694	108	1000	2205	148	3150	6945	188	10000	22045	228	31500	69445	268	100000	220460
29	103	227	69	325	717	109	1030	2270	149	3250	7165	189	10300	22710	229	32500	71650	269	103000	227075
30	106	234	70	335	740	110	1060	2335	150	3350	7385	190	10600	23370	230	33500	73855	270	106000	233690
31	109	240	71	345	760	111	1090	2405	151	3450	7605	191	10900	24030	231	34500	76060	271	109000	240305
32	112	247	72	355	785	112	1120	2470	152	3550	7825	192	11200	24690	232	35500	78265	272	112000	246915
33	115	254	73	365	805	113	1150	2535	153	3650	8045	193	11500	25355	233	36500	80470	273	115000	253530
34	118	260	74	375	825	114	1180	2600	154	3750	8265	194	11800	26015	234	37500	82675	274	118000	260145
35	121	267	75	387	855	115	1215	2680	155	3875	8545	195	12150	26785	235	38750	85430	275	121500	267860
36	125	276	76	400	880	116	1250	2755	156	4000	8820	196	12500	27560	236	40000	88185	276	125000	275580
37	128	282	77	412	910	117	1285	2835	157	4125	9095	197	12850	28330	237	41250	90940	277	128500	283295
38	132	291	78	425	935	118	1320	2910	158	4250	9370	198	13200	29100	238	42500	93695	278	132000	291010
39	136	300	79	437	965	119	1360	3000	159	4375	9645	199	13600	29985	239	43750	96450	279	136000	299830

# PRESSURE UNIT CONVERSION TABLE



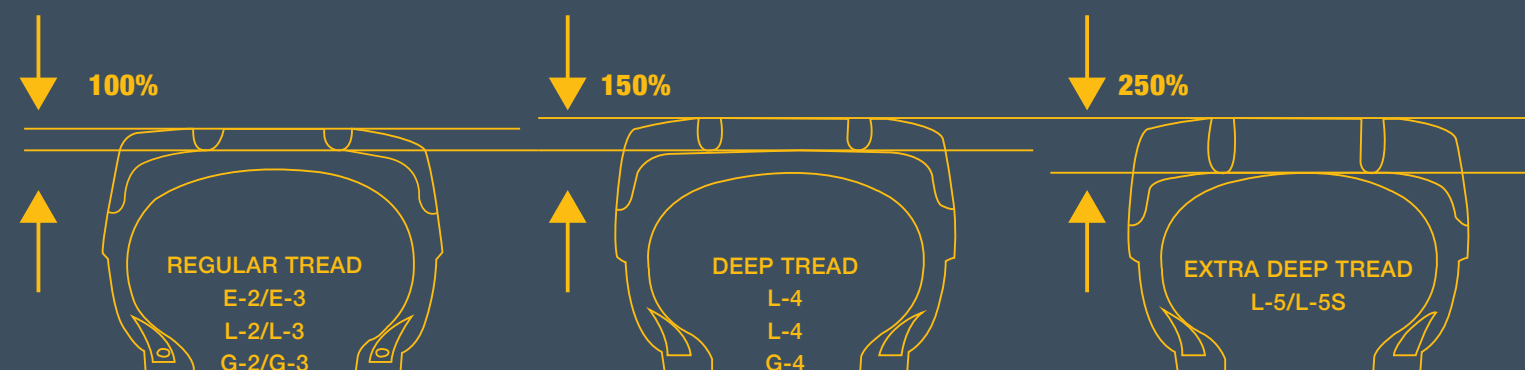
bar	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5
kPa	100	150	200	250	300	350	400	450	500	550
PSI	15	22	29	36	44	51	58	65	73	80
bar	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5
kPa	600	650	700	750	800	850	900	950	1000	1050
PSI	87	94	102	109	116	123	131	138	145	152

# TRA CODES

AGRICULTURE		
CODE	CODE	TYPE
Tractor Front/ Steer 	F-1	Agricultural Single Rib Tread
	F-2	Agricultural Multiple Rib Tread
	F-3	Industrial Multiple Rib Tread
Implement 	I-1	Rib Tread
	I-2	Moderate Tread
	I-3	Traction Tread
Tractor Rear Traction 	R-1	Drive Wheel, Regular tread
	R-1W	Drive Wheel, Wet Traction Tread
	R-2	Drive Wheel, Cane & Rice, Deep
	R-3	Drive Wheel, Shallow Tread
	R-4	Drive Wheel, Industrial Tractor Tread
Drive Wheel (Small Tractor) 	G1	Regular Traction Tread
	G1W	Wet Traction Tread
	G2	Turf Traction Tread

IND / CONSTRUCTION / OTR			
TRA Classification	TRA Code	% Tread Depth	Tread Type
E=Earthmover 	E-1	100	Rib Regular Tread
	E-2	100	Traction Regular tread
	E-3	100	Regular Tread
	E-4	150	Deep Tread
	E-7	80	Flotation Tread
G=Grader 	G-1	100	Rib Regular Tread
	G-2	100	Traction Regular Tread
	G-3	100	Regular Tread
	G-4	150	Deep Tread
L=Loader & Dozer 	L-2	100	Traction Regular Tread
	L-3	100	Regular Tread
	L-4	150	Deep Tread
	L-5	250	Extra Deep Tread
	L-3S	100	Smooth Regular Deep
	L-4S	150	Smooth Deep Tread
	L-5S	250	Smooth Extra Deep Tread
C=Soil Compactor Service 	C-1	100	Smooth
	C-2	100	Grooved

## OTR DESIGN TREAD DEPTH

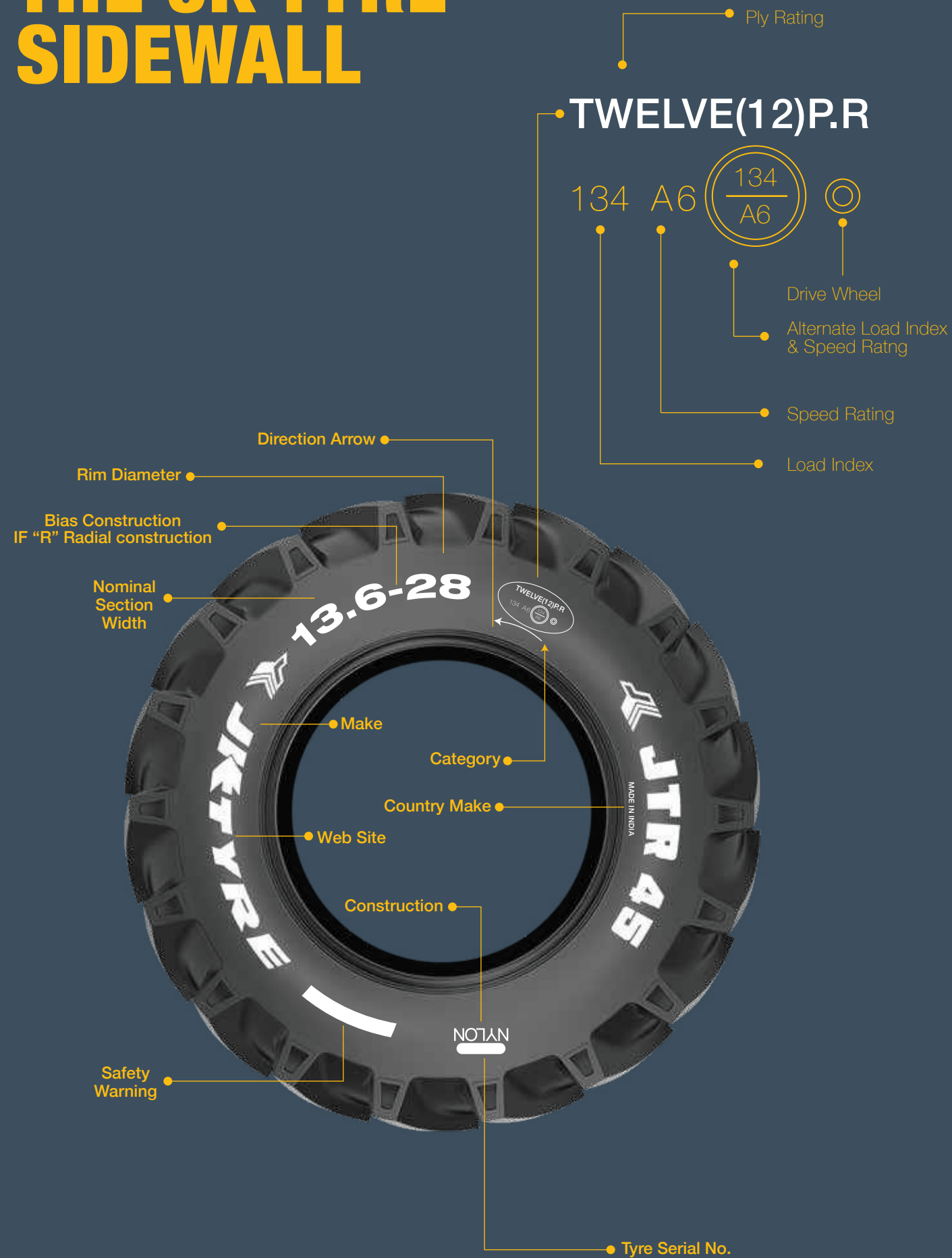


## OTHER DESIGNATIONS & DEFINITIONS

NHS	Not for Highway Service
SL	Service Limited to agricultural use
FI	Implement tyre, towed highway service
ML	Mining and Logging intermittent highway service



# HOW TO READ THE JK TYRE SIDEWALL



# TRACTOR







# JTR 45 R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
180/95-14	5JA, 5KB	6	80	A6	TL	183	690	328	2070	450	2.5
7.50-16	5.5F, 6 LB	8	112	A8	TL	203	805	373	2415	1120	3.9
8-16	6LB, 6L, 6.00F, W6	6	91	A6	TL	201	790	366	2370	615	1.9
9.5-22	W8, W7	6	101	A8	TT	241	996	469	2988	825	2.2
		6	101	A8	TL	241	996	469	2988	825	2.2
9.5-24	W8, W7, W8H	8	109	A8	TT	241	1049	492	3147	1030	2.8
		8	109	A8	TL	241	1049	492	3147	1030	2.8
11.2-24	W9, W10	8	113	A8	TT	284	1105	515	3315	1150	2.5
		8	113	A8	TL	284	1105	515	3315	1150	2.5
12.4-24	W10, W11	8	117	A8	TT	315	1161	539	3483	1285	2.2
		8	117	A8	TL	315	1161	539	3483	1285	2.2
14.9-24	W13, W12	8	124	A8	TT	378	1265	583	3795	1600	1.8
		8	124	A8	TL	378	1265	583	3795	1600	1.8
		12	132	A8	TT	378	1265	583	3795	2000	2.6
16.9-24	W15L	8	129	A8	TT	429	1336	632	4008	1850	1.7
		8	129	A8	TL	429	1336	632	4008	1850	1.7
13.6-24	W12, W11	8	120	A8	TT	345	1209	575	3627	1400	1.9
		8	120	A8	TL	345	1209	575	3627	1400	1.9
11.2-28	W10, W9, W10H	8	118	A8	TT	289	1204	572	3612	1320	2.4
12.4-28	W11, W10, W10H	8	120	A8	TT	315	1260	589	3780	1400	2.3
13.6-28	W12, W11	8	122	A8	TT	345	1311	612	3931	1500	1.9
		12	130	A8	TT	345	1311.0	612.0	3931.0	1900	2.9
14.9-28	W13, W12	8	126	A8	TT	378	1364	649	4092	1700	1.8
		12	133	A8	TT	378	1364	649	4092	2120	2.6



### TRACTION

A directional pattern that gives exceptional traction and good roadability at high speeds



### STABILITY

Wider draft angles and a fillet radius that ensures superior stability and a low wear rate



### TREAD DESIGN

An extensive center overlap with an optimized gap between lugs improves roadability while enabling self-cleaning on muddy surfaces



### COMPOUND

Specially formulated compound and rugged nylon casing for resistance to cuts, chips, bruises, and abrasions. Additionally, has high load-carrying capacity and exceptional stability

## SIZES

180/95-14	7.50-16	8-16
9.5-22	9.5-24	11.2-24
12.4-24	13.6-24	14.9-24
16.9-24	11.2-28	12.4-28
13.6-28	14.9-28	16.9-28
16.9-30	18.4-30	18.4-34
15.5-38	18.4-38	

# JTR 45 R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16.9-28	W15L, W14L	6	125	A8	TT	429	1435	676	4305	1650	1.2
		8	131	A8	TT	429	1435	676	4305	1950	1.7
		12	139	A8	TT	429	1435	676	4305	2725	2.4
16.9-30	W15L, W14L, DW14A, DW15A	8	132	A8	TT	429	1486	689	4458	2000	1.7
		12	140	A8	TT	429	1486	689	4458	2500	2.3
18.4-30	W16L, DW16A, DW15A	8	135	A8	TT	467	1549	728	4647	2180	1.4
		12	145	A8	TT	467	1549	728	4647	2900	2.2
18.4-34	DW16A, W16L, W15L, DW15A	8	137	A8	TT	467	1651	774	4953	2300	1.4
		8	137	A8	TL	467	1651	774	4953	2300	1.4
15.5-38	W14L, DW14A	8	129	A8	TT	394	1570	755	4710	1850	1.8
		8	129	A8	TL	394	1570	755	4710	1850	1.8
18.4-38	W15L, DD16, W16A	12	149	A8	TT	467.0	1750.0	818.0	5247.0	3250	2.2
		8	139	A8	TT	467.0	1750.0	818.0	5247.0	2430	1.4



### TRACTION

A specially developed cross-lug tread pattern for improved traction, increased output and less slippage



### STABILITY

Increased rubber mass in the center that supports tractive forces, increases stability and results in an effortless drive



### TREAD DESIGN

Open lug design for effective lug self-cleaning and improved traction



### SERVICE LIFE

Optimized land distribution for better wear properties and longer tyre life

## SIZES

5-12	6.00-12	180/85D12
6.00-16	8.3-24	11.2-24*
12.4-24*	13.6-24*	14.9-24*
23.1-26	14.9-28*	16.9-30*
23.1-30	16.9-34	18.4-34
13.6-38	16.9-38	18.4-38*
20.8-38		



# Trac Master R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
5-12	4.0J	4	55	A6	TT	132	550	257	1650	218	2.4
6.00-12	4.0J	6	76	A6	TT	160	635	294	1905	335	2.8
		8	80	A6	TT	160	635	294	1905	400	3.8
180/85D12	5.0JA	4	63	A6	TT	178	610	283	1830	272	1.6
6.00-16	4.50E	8	89	A6	TT	167	740	346	2220	580	3.8
8.3-24	W7	6	101	A6	TT	211	1000	472	3000	825	2.4
11.2-24	W10, W9, W10H	8	113	A8	TL	285	1119	534	3357	1150	2.5
12.4-24	W11, W10	8	117	A8	TL	315	1160	552	3480	1285	2.2
		8	117	A8	TT	315	1160	552	3480	1285	2.2
13.6-24	W12, W11	8	120	A8	TL	362	1221	580	3663	1400	1.9
		8	120	A8	TT	362	1221	580	3663	1400	1.9
14.9-24	W13, W12	8	124	A8	TL	378	1265	600	3795	1600	1.8
		8	124	A8	TT	378	1265	600	3795	1600	1.8
23.1-26	DW20AX26	12	156	A6	TL	587	1605	734	4815	4050	1.7
14.9-28	W13, W12	8	126	A8	TL	387	1370	652	4110	1700	1.8
		8	126	A8	TT	387	1370	652	4110	1700	1.8
16.9-30	W15L, DW15A, W14L, DW14L	8	132	A8	TL	432	1487	707	4461	2000	1.7
		8	132	A8	TT	432	1487	707	4461	2000	1.7
23.1-30	DW20BX30	12	155	A6	TT	595	1710	786	5130	3875	1.7
16.9-34	W15LX34	12	146	A6	TL	435	1590	742	4770	3000	2.3
18.4-34	W16LX34	14	155	A6	TT	467	1650	768	4950	3875	2.6
13.6-38	W12X38	12	139	A6	TT	355	1565	739	4695	2430	2.8
16.9-38	W15LX38	12	146	A6	TL	435	1695	795	5085	3000	2.3
18.4-38	W16L, W15L	8	139	A8	TL	478	1750	836	5250	2430	1.4

# Trac Master R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.4-38	W16L, W15L	8	139	A8	TT	478	1750	836	5250	2430	1.4
20.8-38	W18LX38	16	163	A8	TT	528	1835	854	5505	4875	2.6



# Field King R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.4-24	W11, W10	8	117	A8	TL	307	1144	533	3432	1285	2.2
		8	117	A8	TT	307	1144	533	3432	1285	2.2
		12	124	A8	TT	307	1144	533	3432	1600	3.3
14.9-24	W13, W12	8	124	A8	TL	385	1252	579	3756	1600	1.8
		8	124	A8	TT	385	1252	579	3756	1600	1.8
		12	132	A8	TT	385	1252	579	3756	2000	2.6
13.6-28	W12, W11	8	122	A8	TL	368	1305	609	3915	1500	1.9
		12	130	A8	TT	368	1305	609	3915	1895	2.9
14.9-28	W13, W12	8	126	A8	TL	390	1377	640	4131	1700	1.8
		8	126	A8	TT	390	1377	640	4131	1700	1.8
		12	134	A8	TT	390	1377	640	4131	2120	2.6
16.9-30	W15L, DW15A, W14L, DW14L	8	132	A8	TL	426.0	1445	673	4335	2000	1.7
		8	132	A8	TT	426.0	1445	673	4335	2000	1.7
		12	140	A8	TT	426.0	1445	673	4335	2500	2.3
20.8-34	W18L	12	150	A8	TL	530.0	1763	816	5289	3350	1.8
		12	150	A8	TT	530.0	1763	816	5289	3350	1.8
14.9-38	W13, W12	8	131	A8	TL	372.0	1616	761	4848	1950	1.8
		10	136	A8	TT	380.0	1625	765	4875	2240	2.2
15.5-38	W14L	8	129	A8	TL	393.0	1570	741	4710	1850	1.8
		8	129	A8	TT	400.0	1570	741	4710	1850	1.8
18.4-38	W16L, W15L	8	139	A8	TL	482.0	1719	805	5157	2430	1.4
		8	139	A8	TT	482.0	1719	805	5157	2430	1.4
		12	149	A8	TT	482.0	1719	805	5157	3250	2.2



### TRACTION

Optimum tread depth and broad lugs for improved traction and increased tyre life



### TREAD DESIGN

Optimized tread pattern developed using high-end computational simulations. Enables better pulling and ploughing, even on hard soil



### STABILITY

Optimal overlap in the center for increased rubber contact that improves fuel efficiency, wear properties and stability



### SELF-CLEANING

A unique "mud shaker" in between lugs for excellent self-cleaning capabilities

## SIZES\*

12.4-24	14.9-24	13.6-28
14.9-28	16.9-30	20.8-34
14.9-38	15.5-38	18.4-38





# Field King X<sub>R-1</sub>

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.4-30	W16L, W15L	8	135	A8	TT	470	1533	728	4599	2180	1.4
		8	135	A8	TL	463	1537	730	4611	2180	1.4
		10	140	A8	TL	463	1537	730	4611	2500	1.8
		10	140	A8	TT	470	1533	728	4599	2500	1.8
		12	145	A8	TT	460	1530	727	4590	2900	2.2
18.4-34	W16L, W15L	8	137	A8	TL	467	1655	788	4965	2300	1.4
		8	137	A8	TT	467	1655	788	4965	2300	1.4
		10	143	A8	TL	467	1655	788	4965	2725	1.8
		10	143	A8	TT	467	1655	788	4965	2725	1.8
		12	146	A8	TT	467	1655	788	4965	3000	2.2
15.5-38	W14L	8	129	A8	TL	391	1583	761	4749	1850	1.8
		8	129	A8	TT	391	1583	761	4749	1850	1.8
		10	135	A8	TT	391	1583	761	4749	2138	2.2



**TRACTION**

Cross-lug pattern with effective center overlap. Generates superior traction and supports effective self-cleaning



**SOIL PROTECTION**

A wider footprint for superior flotation and minimum floor compaction



**SERVICE LIFE**

Optimized land distribution that generates uniform wear and extends tyre life



**COMPOUND**

New-age silica-based tread compound that resists cuts, chips and wear

**SIZES\***

18.4-30

18.4-34

15.5-38



# Agri Gold R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
320/85R28	W11	12	124	A6	TL	339	1262	591	3786	1600	1.6
340/85R28	W12	12	127	A6	TL	365	1300	607	3900	1750	1.6
380/85R28	W13	12	133	A6	TL	390	1360	633	4080	2060	1.6
420/85R28	W15L	12	139	A6	TL	440	1440	667	4320	2430	1.6



**STRONG CONSTRUCTION**  
Steel belted with extremely strong casing



**TREAD DESIGN**  
Wider footprint with broader lugs and best puncture protection



**SERVICE LIFE**  
Extremely strong outer shell, longer life, less worn out

## SIZES

320/85R28	340/85R28	380/85R28
420/85R28		





# Haul Grip R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.4-28	W 11	12	125	A6	TT	324	1282	600	3846	1650	2.5
13.6-28	W 12	12	128	A6	TT	358	1323	617	3969	1800	2.3



### TREAD DESIGN

Specially designed lug geometry for excellent traction and better ploughing



### SELF-CLEANING

Unique mud shaker between lugs for removal of mud and self cleaning ability



### STRONG CONSTRUCTION

Strong casing for heavy haulage applications

## SIZES

12.4-28

13.6-28



# Prithvi R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.4-28	W 11	12	125	A6	TT	335	1300	607	3900	1650	2.5
13.6-28	W 12	12	128	A6	TT	365	1337	623	4011	1800	2.3
16.9-28	W 15	12	143	A6	TT	440	1440	667	4320	2725	2.4
18.4-30	W 15	14	151	A6	TT	475	1575	729	4725	3450	2.6



### TREAD DESIGN

Specially designed lug geometry and deep tread depth that provides better traction



### STRONG CONSTRUCTION

Strong casing and lower cavity profile, provides better fitment and high loading capacity



### SELF-CLEANING

Unique mud shaker helps excellent removal of mud and cleaning tread surface

## SIZES

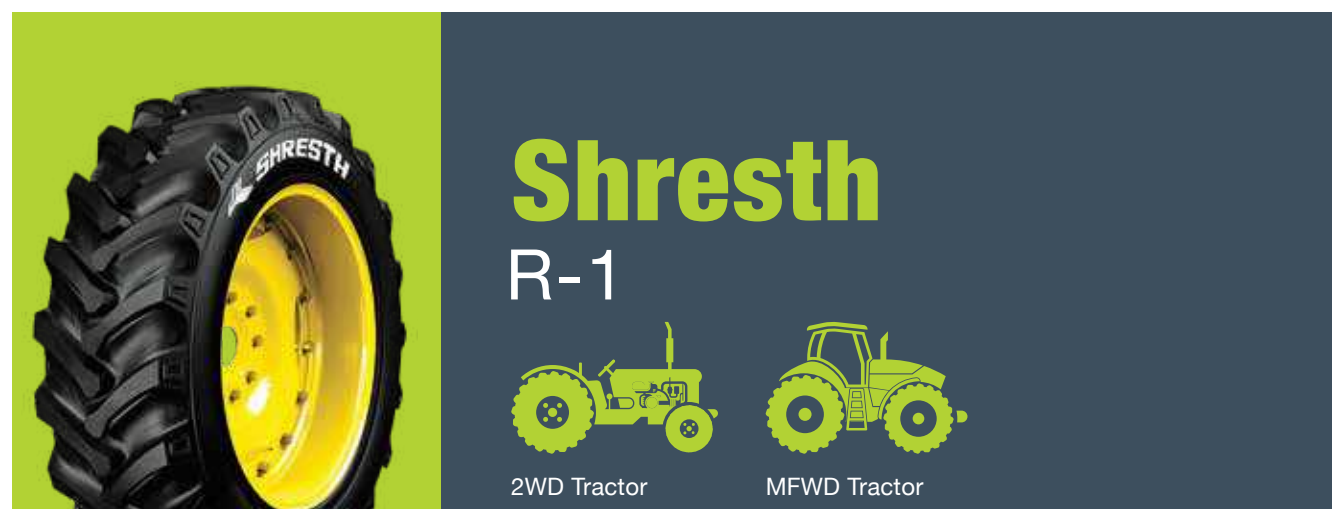
12.4-28

13.6-28

16.9-28

18.4-30





# Shresth R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.4-28	W11	12	125	A6	TT	332	1300	607	3900	1650	2.5
13.6-28	W12	12	128	A6	TT	360	1350	629	4050	1800	2.3
14.9-28	W13	12	134	A6	TT	390	1390	646	4170	2120	2.3
16.9-28	W15L	12	143	A6	TT	444	1452	672	4356	2725	2.4



### TREAD DESIGN

Step-lug design and superior tread depth provides better hour-age life and traction



### STRONG CONSTRUCTION

Extra strong casing for high load capacity



### OPTIMIZED DESIGN

Superior dimensions gives good performance and aesthetics. Optimized tyre contours does not let mud/slurry/soil to settle between lugs

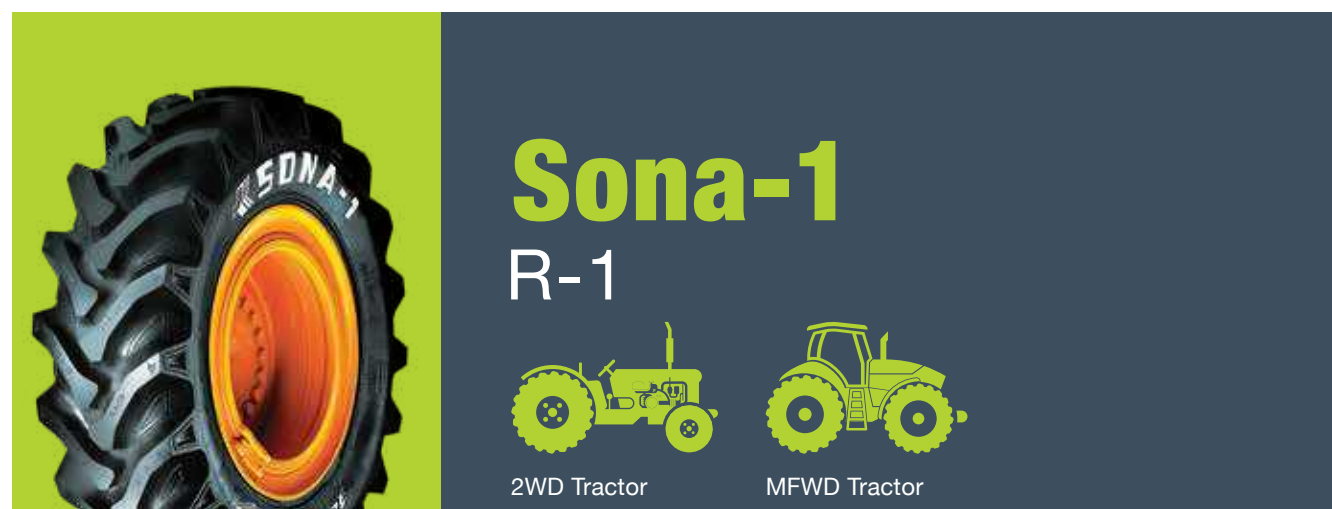
## SIZES

12.4-28

13.6-28

14.9-28

16.9-28



# Sona-1 R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
8-18	W7	4	85	A6	TT	211	840	392	2520	515	1.6
8.3-20	W7	6	96	A6	TT	211	890	417	2670	710	2.4
8.3-32	W7	8	112	A6	TT	213	1200	572	3600	1120	3.2
9.5-24	W8	8	112	A6	TT	241	1050	493	3150	1120	2.8
9.5-24	W8	12	122	A6	TT	241	1050	493	3150	1520	4.2
11.2-24	W10	8	116	A6	TT	292	1120	523	3360	1250	2.4
12.4-24	W11	8	121	A6	TT	320	1180	549	3540	1450	2.3
12.4-28	W11	12	125	A6	TT	332	1290	603	3870	1650	2.5
13.6-28	W12	12	128	A6	TT	360	1330	620	3990	1800	2.3
14.9-28	W13	12	134	A6	TT	385	1380	642	4140	2120	2.3
16.9-28	W15L	12	143	A6	TT	440	1445	669	4335	2725	2.4
16.9-30	W15L	12	144	A6	TT	440	1490	692	4470	2800	2.4
18.4-30	W16	14	151	A6	TT	490	1560	722	4680	3450	2.6



### TREAD DESIGN

Optimum tread depth and broader lugs for good traction and increased tyre life



### STRONG CONSTRUCTION

Central tie-bar for increased stability and reduced tread squirm



### STABILITY

Optimal overlap at centre for better rubber contact providing excellent stability and better wear properties along with fuel efficiency



### OPTIMIZED DESIGN

Optimized patterns developed using computational simulations enabling better pull and better ploughing even in hard soil

## SIZES

8-18	8.3-20	8.3-32
9.5-24	11.2-24	12.4-24
12.4-28	13.6-28	14.9-28
16.9-28	16.9-30	18.4-30





# Trac Super R-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
13.6-38	W12, W11, DW12	8	131	-	TT	346	1607	757	4821	1950	2.0



**TREAD DESIGN**

Specially developed cross-lug tread pattern that generates more traction, increases output and reduces slippage



**STABILITY**

Open lug design for effective lug self-cleaning and improved traction



**SERVICE LIFE**

Optimized land distribution that generates uniform wear and extends tyre life



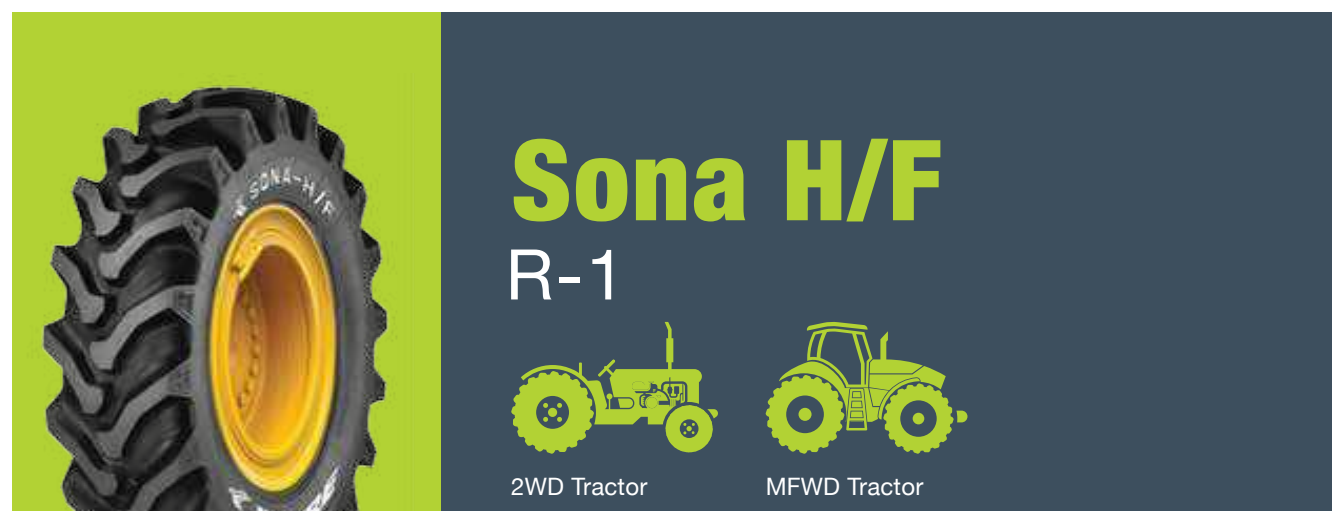
**COMPOUND**

Strong nylon casing for improved load-carrying capacity and better retreadability

## SIZES\*

13.6-38

\*All product sizes are made in Mexico.



# Sona H/F R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.4-28	W 11	12	125	A6	TT	326	1290	907	3870	1650	2.5
13.6-28	W 12	12	128	A6	TT	366	1349	932	4047	1800	2.3
14.9-28	W 13	12	134	A6	TT	385	1380	946	4140	2120	2.3
16.9-28	W 15	12	143	A6	TT	440	1435	969	4305	2725	2.4



### TREAD DESIGN

Specially designed lug geometry for high traction and uniform wear



### STRONG CONSTRUCTION

Twenty lugs with overlapping centre provides better stability, road grip, and fuel efficiency



### SERVICE LIFE

Deep tread depth for longer life of tyre



### OPTIMIZED DESIGN

Computer aided design for reduced carcass stress for high load carrying capacity

## SIZES

12.4-28

13.6-28

14.9-28

16.9-28





# Sona R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
13.6-24	W12	6	115	A6	TL	355	1195	866	3585	1215	1.5



### TREAD DESIGN

Specially designed lug geometry for reduced soil damage and protection of the crops.



### STRONG CONSTRUCTION

Seventeen lugs with overlapping centre provides better stability and fuel efficiency



### STRONG CASING

Extra strong casing for reduced down time and enhanced productivity



### HEAVY BEAD CONSTRUCTION

Wider Bead to Bead width for tubeless application for ease in filment



### OPTIMIZED DESIGN

Computer aided design for increased durability

## SIZES

13.6-24

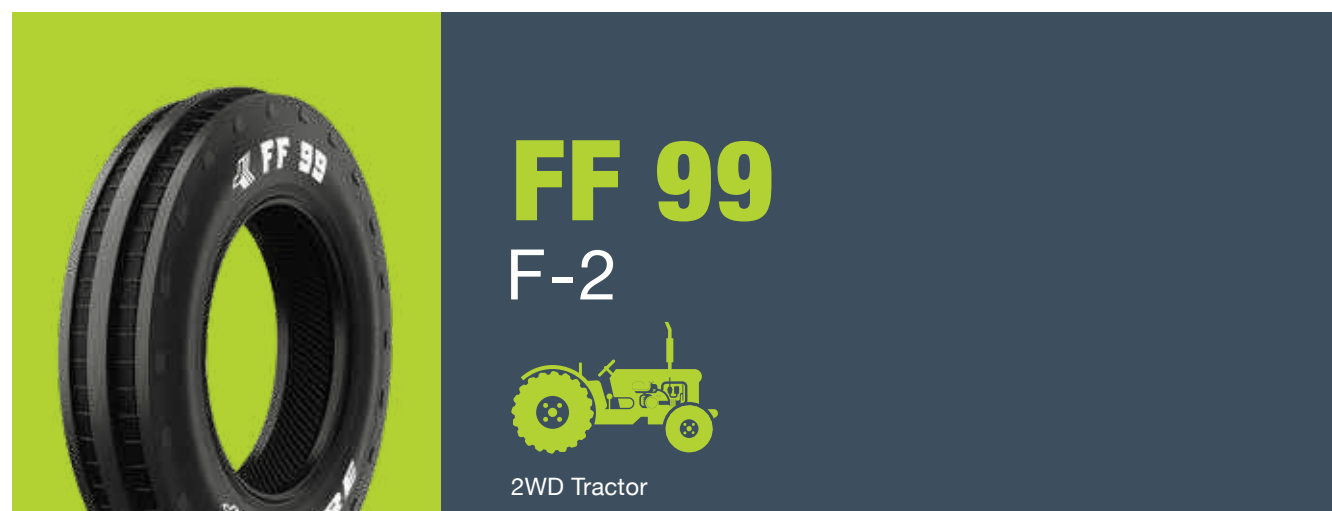




# TRACTOR (FRONT)







# FF 99 F-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
6.00-16	4.50E, 4.00E	6	85	A8	TT	164	741	345	223	515	3.6
		8	91	A8	TT	164	741	345	2223	615	4.7
6.50-16	4.50E, 4.00E	6	88	A8	TT	175	760	353	2280	560	3.3
7.50-16	5.50F, 6LB	6	94	A8	TT	205	810	374.7	2430.0	670	3
7.50-18	5.50F	8	102	A8	TT	205	860	400	2580	850	3.9
10.00-16	W8L, 8LB	8	110	A8	TT	280	917	420	2751	1060	3
		8	110	A8	TL	280	917	420	2751	1060	3
11.00-16	W10L, 10LB	8	114	A8	TT	325.0	970.0	444.1	2910.0	1180.0	2.8



### STABILITY

A special 3-rib design for improved steering and stability



### SELF-CLEANING

Unique ridges between ribs that support self-cleaning and resist stubble damage



### TREAD DESIGN

Specially designed tread protectors that resist external damage and enhance tyre life



### STRONG CONSTRUCTION

Strong nylon casing for improved load-carrying capacity and better retreadability

## SIZES

6.00-16*	6.50-16	7.50-16
7.50-18	10.00-16*	11.00-16*



# Rib King F-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10.00-16	W8L	8	110	A8	TL	280	880	149	840	1060	3



### STABILITY

4-rib tread design for superior flotation, stability and steering



### TREAD DESIGN

Unique ridges between ribs that support self-cleaning and resist stubble damage



### SERVICE LIFE

Specially designed tread protectors that resist external damage and enhance tyre life

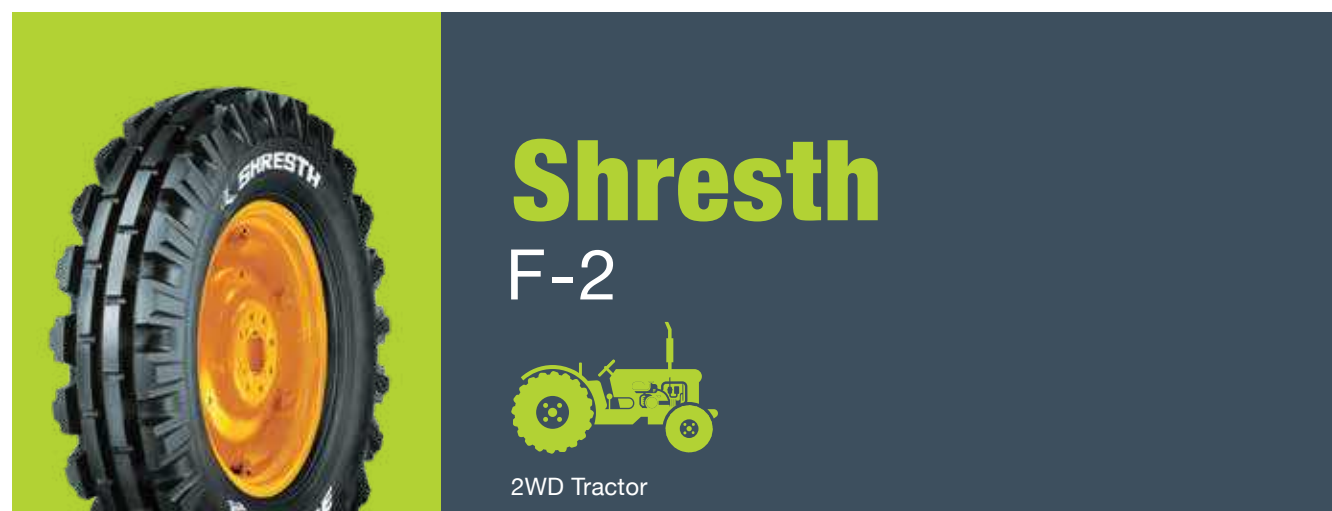


### STRONG CONSTRUCTION

Strong nylon casing for improved load-carrying capacity and better retreadability

## SIZES

10.00-16



# Shresth F-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
6.00-16	4.5" E	8	94	A6	TT	175	742	347	2226	675	4.5
6.50-20	5.0F	8	102	A6	TT	185	875	411	2625	850	4.5
7.50-16	5.5F	8	103	A6	TT	212	816	378	2448	875	3.7



### TREAD DESIGN

Special computerized 4-Rib tread design for extra load. Wide tread pattern and better ground height ratio for excellent performace



### FUEL EFFICIENCY

Extra rubber for extra mileage and high fuel efficiency

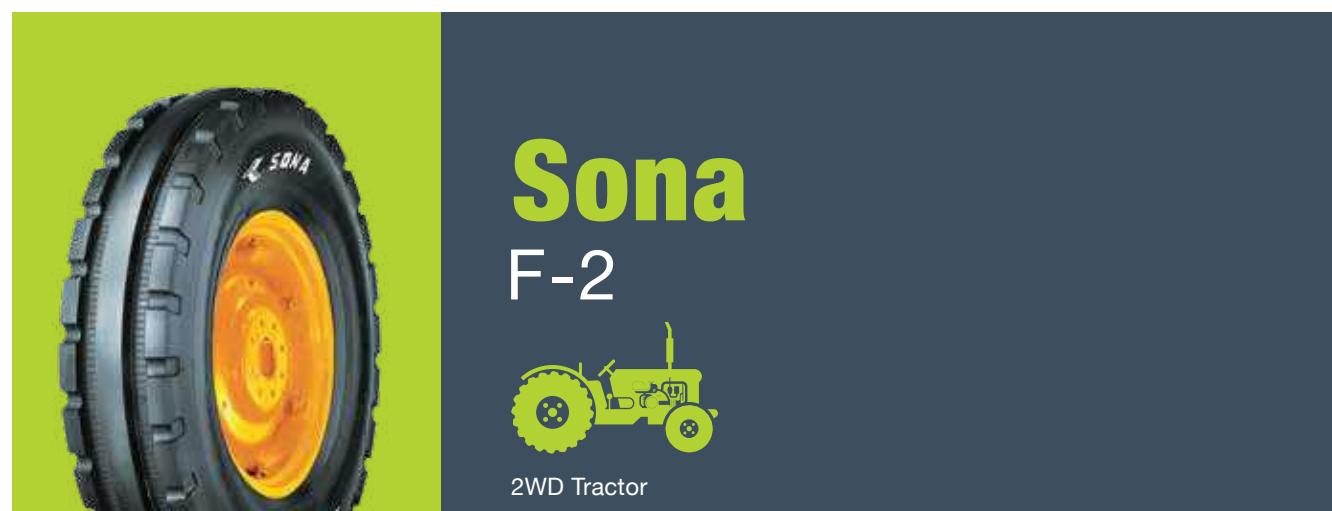
## SIZES

6.00-16

6.50-20

7.50-16





# Sona F-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
4.50-10	3.5"	6	68	A6	TT	121	505	234	1515	315	4.8
4.50-12	3.5" B	6	68	A6	TT	118	535	251	1605	315	4.6
5.25-14	4.0" E	8	84	A6	TT	148	645	302	1935	495	5.0
5.00-15	4.0" E	4	73	A6	TT	142	660	310	1980	365	2.8
6.00-16	4.5" E	8	94	A6	TT	171	740	346	2220	675	4.5
7.50-16	5.5" F	8	103	A6	TT	209	810	376	2430	870	3.7
6.50-20	5.0" F	8	102	A6	TT	183	873	410	2619	850	4.5



### TREAD DESIGN

3-Rib tread design with deep tread depth



### SERVICE LIFE

Enhanced tyre life in all soil conditions

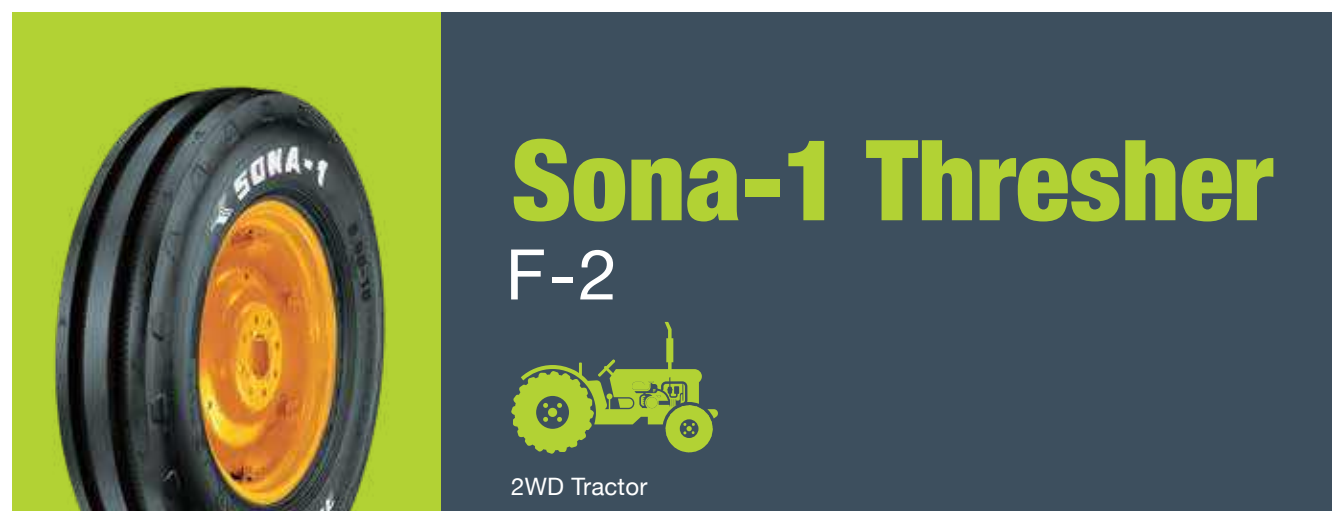


### STRONG CONSTRUCTION

Strong casing for high load carrying capacity

## SIZES

4.50-10	4.50-12	5.25-14
5.00-15	6.00-16	7.50-16
6.50-20		



# Sona-1 Thresher F-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
6.00-16	4.5" E	8	94	A6	TT	171	740	346	2220	675	4.5



**TREAD DESIGN**

Continuous 3-rib design, provides surface grip and steer ability



**SERVICE LIFE**

Prominent centre rib with superior compound for longer tyre life

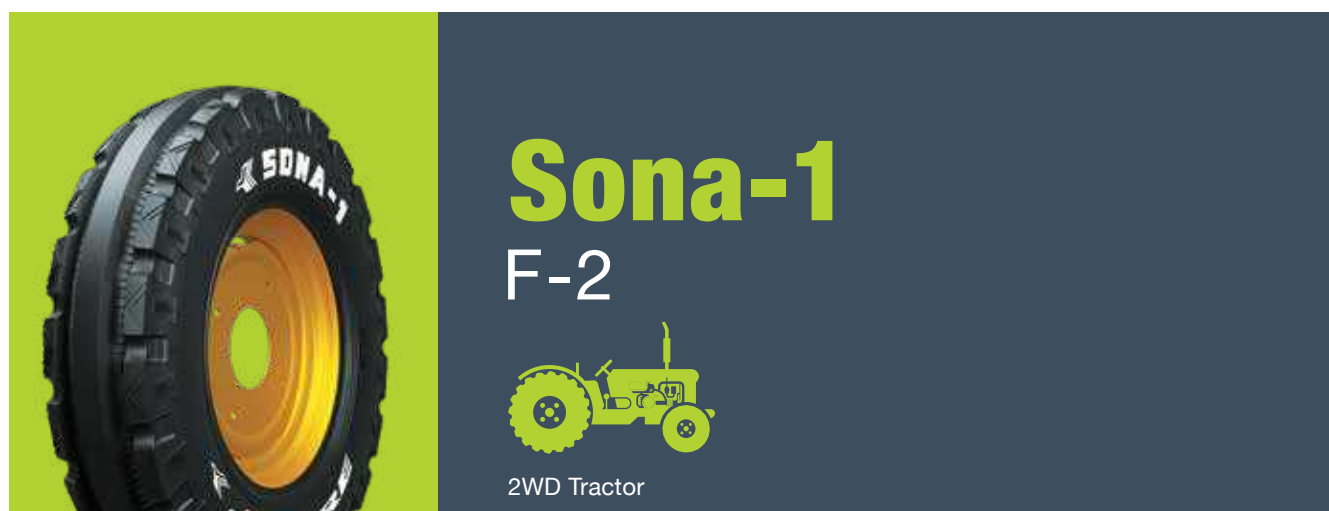


**STRONG CONSTRUCTION**

Strong nylon casing for high casing reliability

## SIZES

6.00-16



# Sona-1 F-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
6.00-16	4.5" E	8	94	A6	TT	171	742	347	2226	675	4.5
6.50-16	4.5" E	8	98	A6	TT	175	760	354	2280	750	4.2



**TREAD DESIGN**

Special 3-rib tread design and slotted shoulder rib provides better traction



**SERVICE LIFE**

Optimized land distribution for longer life and better wear properties



**STRONG CONSTRUCTION**

Strong nylon casing provides high load carryign capacity and better retreadability

## SIZES

- 6.00-16
- 6.50-16





# TRACTOR TRAILER





# Sona-5/Sona I-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
9.00-16	6.0 /6.0T	16	137	B	TT	257	930	427	2790	2300	7.3
	6.0 /6.0T	18	138	B	TT	257	930	427	2790	2360	7.6



**STRONG CONSTRUCTION**

Strong nylon texture for unmatched loading capacity



**TREAD DESIGN**

Specially designed with lateral and circumferential groove



**HEAVY BEAD CONSTRUCTION**

Amazing grip and strong bead

## SIZES

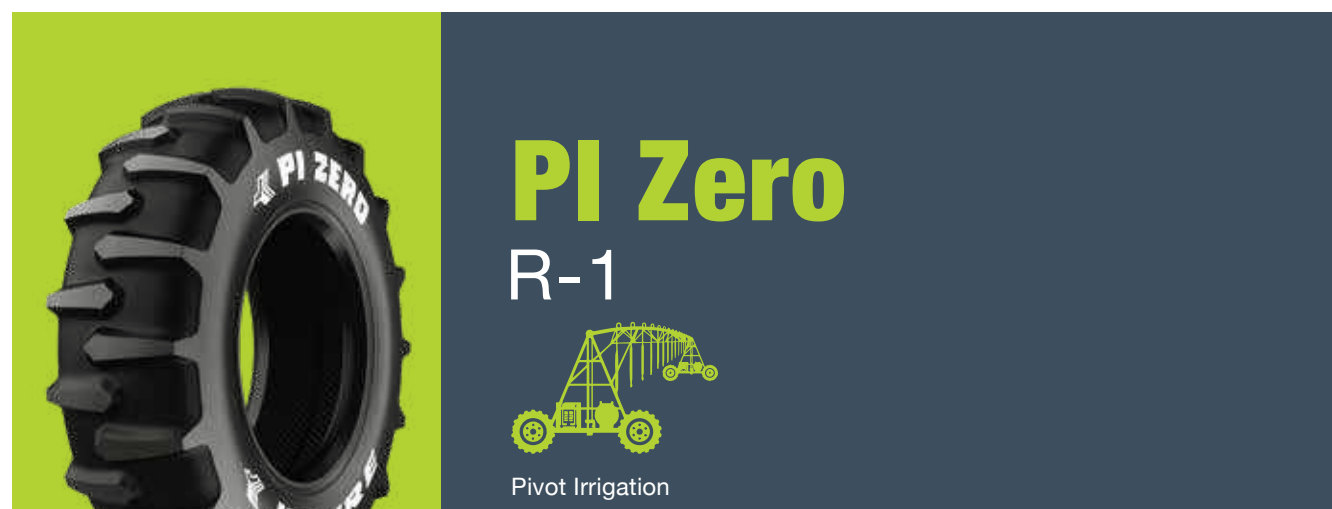
9.00-16





# PIVOT IRRIGATOR





# PI Zero R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
11.2-24	W10, W9, W11	4	98	A8	TL	275	1095	519	3285	750	1.4
		6	106	A8	TL	275	1095	519	3285	950	1.8
14.9-24	W13, W13	6	119	A8	TL	370	1250	585	3750	1360	1.4
		8	124	A8	TL	370	1250	585	3750	1600	1.8



### TRACTION

Non-directional tread pattern. Ensures superior and equal traction while moving forward and in reverse in center pivot irrigation systems



### SOIL PROTECTION

Optimized rounded cavity contour designed for excellent flotation and minimal soil and crop disturbance



### SELF-CLEANING

Innovative lug design. Improves traction by removing mud and soil



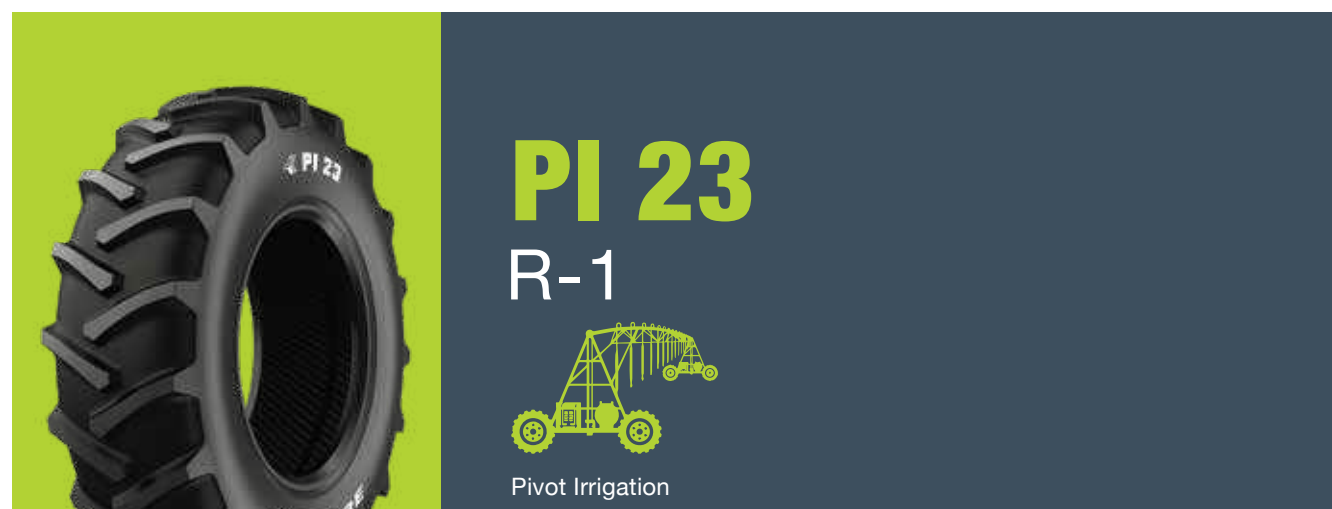
### STRONG CONSTRUCTION

A specially formulated compound and rugged nylon casing for high performance in wet and muddy terrains, reduced mechanical failure and lowered moisture deterioration

## SIZES

11.2-24

14.9-24



# PI 23 R-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
11.2-24	W10, W9, W11	4	98	A8	TL	275	1095	519	3285	750	1.4
		6	106	A8	TL	275	1095	519	3285	950	1.8
14.9-24	W13, W13	6	119	A8	TL	370	1250	585	3750	1360	1.4
		8	124	A8	TL	370	1250	585	3750	1600	1.8
11.2-38	W10	6	113	A8	TL	275	1450	670	4350	1150	1.8



### TRACTION

Ideally spaced 23 degree lugs for superior traction while ensuring no entrapment of mud and soil between lugs



### SOIL PROTECTION

Optimized rounded cavity contour designed for excellent flotation and minimal soil and crop disturbance



### SELF-CLEANING

Open tread center for improved self-cleaning



### STRONG CONSTRUCTION

A specially formulated compound and rugged nylon casing for high performance in wet and muddy terrains, reduced mechanical failure and lowered moisture deterioration

## SIZES

11.2-24

14.9-24

11.2-38





# Implements







# FI 99 I-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
9.5L-14SL	8KB	8	111	B	TL	246	736	339	2208	1090	3
11L-14SL	8KB	8	112	B	TL	285	758	349	2274	1120	2.5
7.60-15SL	6LB	8	106	B	TL	203	736	341	2208	950	3.6
9.5L-15SL	8LB	8	112	B	TL	242	769	355	2307	1120	3
		12	121	B	TL	242	769	355	2307	1450	4.4
11L-15SL	8LB, 10LB	8	113	B	TL	283	780	360	2340	1150	2.5
		12	121	B	TL	283	780	360	2340	1450	3.6
12.5L-15SL	10LB	10	123	B	TL	312	835	383	2505	1550	3
		12	127	B	TL	312	835	383	2505	1750	3.6
7.50-16SL	5.50F, 6LB	8	110	B	TL	210	790	366	2370	1060	3.3
11L-16SL	8LB	8	115	A6	TL	280	800	371	2400	1216	2.5
		10	119	A6	TL	280	800	371	2400	1360	3
21.5L-16.1SL	W18CH, W18C	10	146	B	TL	545	1140	515	3420	3000	1.9
		14	152	B	TL	545	1140	515	3420	3550	2.5
		18	156	B	TL	545	1140	515	3420	4000	3



### STABILITY

Designed with the help of advanced simulation techniques that improve flotation, free-rolling and stability



### STRONG CONSTRUCTION

Strong nylon casing for high casing durability



### COMPOUND

Special tread rubber for superior tread properties and longer tyre life

## SIZES

9.5L-14SL*	11L-14SL	7.60-15SL*
9.5L-15SL*	11L-15SL*	12.5L-15SL*
7.50-16SL	11L-16SL	21.5L-16.1SL



# IMP 99 I-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
11.5/80-15.3	8.0"	12	135	A6	TL	297	845	389	2535	2180	4
		14	139	A6	TL	297	845	389	2535	2430	4.8



**STABILITY**

Wide tread with a flat rib and broad lugs for high mileage and smooth wear



**STRONG CONSTRUCTION**

Strong nylon casing for excellent load-carrying capabilities, both for trailer and tractor applications



**SERVICE LIFE**

Special tread rubber for better wear properties and longer tyre life

## SIZES

11.5/80-15.3





  
**SKID  
STEER**





# Jet Trax Super N.H.S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10-16.5	8.25	10	135	A2	TL	280	780	372	2340	2135	5.2
12-16.5	9.75	12	145	A2	TL	315	835	397	2505	2865	5.5



**TREAD DESIGN**

Broad, flat and specially designed stepped lugs that support a variety of NHS applications



**SERVICE LIFE**

A thicker and wider sidewall for enhanced sidewall stability and longer life



**STRONG CONSTRUCTION**

A specially designed rim guard protects the rim flange area from wheel damage



**COMPOUND**

The big daddy of modern silica-based tread compounds. 'Chip & tear' resistant and so tough that even rough concrete and the off-roads are no match for it

## SIZES\*

- 10-16.5
- 12-16.5

\*All product sizes are made in India and Mexico.



# Jet Trax Super II N.H.S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
31X15.5-15	13LB	8	132	A2	TL	395	780	370	2340	1975	3.1
33X15.5-16.5	12	12	148	A2	TL	394	827	393	2481	3150	4.1
		14	151	A2	TL	394	827	393	2481	3450	4.8
14-17.5	10.5	10	147	A2	TL	352	930	441	2790	3075	3.8
		14	155	A2	TL	352	930	441	2790	3875	5.5



### TREAD DESIGN

Specially designed lugs that provide excellent stability for a variety of NHS applications



### SERVICE LIFE

Casing protector for enhanced self-cleaning penetration resistance in loose and muddy surfaces



### STRONG CONSTRUCTION

Robust wide wall and rim guard design for superior protection from wheel damage in the rim flange area



### COMPOUND

New-age silica-based tread compound for added resistance to wear and tear

## SIZES

31X15.5-15

33X15.5-16.5

14-17.5



# Jet Trax Ultima N.H.S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10-16.5	8.25	6	124	A2	TL	273	799	381	2397	1600	3.1
		8	130	A2	TL	273	799	381	2397	1900	4.1
		10	135	A2	TL	273	799	381	2397	2135	5.2
		12	138	A2	TL	273	799	381	2397	2360	6.2
12-16.5	9.75	10	141	A2	TL	311	841	399	2523	2575	4.5
		12	145	A2	TL	311	841	399	2523	2865	5.5
		14	147	A2	TL	311	841	399	2523	3075	6.2



### TREAD DESIGN

Peerlessly designed deep and sturdy treads with a high center mass. Gives excellent mileage under grueling conditions



### SERVICE LIFE

Robust wide wall and rim guard design for superior protection from wheel damage in the rim flange area



### STRONG CONSTRUCTION

Connected lugs through a tie bar and small elevated ridges for self-cleaning, reduced lug shuffling and better lug stability



### COMPOUND

New-age silica-based tread compound for added resistance to wear and tear

## SIZES

10-16.5

12-16.5





# Jet Trax HD N.H.S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10-16.5	8.25	10	135	A2	TL	268	790	376	2370	2135	5.2
12-16.5	9.75	12	145	A2	TL	324	864	410	2592	2865	5.5



### TREAD DESIGN

Wide, flat and extra deep lugged tread pattern that's built for grueling conditions



### SERVICE LIFE

Deep tread and unique wide wall that lives long, gives added protection from punctures and enhances sidewall stability



### STRONG CONSTRUCTION

Specially designed rim guard that shields the rim flange area from wheel damage



### COMPOUND

The big daddy of modern silica-based tread compounds. 'Chip & tear' resistant and so tough that even rough concrete and the off-roads are no match for it

## SIZES\*

10-16.5

12-16.5

\*All product sizes are made in India and Mexico.





  
**BACKHOE  
LOADER**





# IND 99 F-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
11L-15	8LB, 10LB	10	110	A8	TL	273	803	380	2409	1060	3.6
11L-16	8LB, W8L, 10LB, W10L	10	112	A8	TL	273	830	394	2490	1120	3.6



### OPTIMIZED TREAD DESIGN

Aggressive 5-rib “saw teeth” tread design for better steering and uniform wear



### SERVICE LIFE

Specially designed tread protectors that resist external damage and enhance tyre life



### COMPOUND

Specially formulated tread rubber for reduced wear and minimized tread cuts



### STRONG CONSTRUCTION

Strong nylon casing for improved durability and load-carrying capacity

## SIZES

11L-15

11L-16\*

\*Product size manufactured in India and Mexico.





# Industrial DX I-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
25X8.50-14	7.00, 7JA	6	93	A8	TL	219	655	305	1965	645	3.5
10.5/80-18	W9, W8	12	135	A8	TL	282	907	431	2721	2190	4.5
12.5/80-18	9, W9, W8	12	142	A8	TL	309	985	466	2955	2650	3.7
		16	148	A8	TL	309	985	466	2955	3150	4.9
320/80-18	9, W9, W8	12	142	A8	TL	309	985	466	2955	2650	3.7



### TREAD DESIGN

An optimized directional lug pattern with "tapered lugs" and a rugged center block gives the tyre excellent directional stability and self-cleaning capabilities



### COMPOUND

A compound specially developed to resist wear, cuts and improve tyre life



### STRONG CONSTRUCTION

A heavy-duty nylon carcass construction with a distinctive tread pattern resists buckling, tearing and cracking



### HEAVY BEAD CONSTRUCTION

An exclusively simulated bead construction enables uniform pressure distribution all along the bead and rim interference, giving good anchorage of the tyre on the rim during operations

## SIZES

25X8.50-14	10.5/80-18	12.5/80-18*
320/80-18		

\*Product size manufactured in India and Mexico.



# VBH Plus R-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16.9-24	DW15L	12	149	A8	TL	450	1315	622	3945	3250	2.6
16.9-28	DW15L	12	152	A8	TT	448	1425	677	4275	3550	2.6
		12	152	A8	TL	448	1425	677	4275	3550	2.6



### STRONG CONSTRUCTION

An optimized directional pattern achieved by an advanced simulation technique. The results? Exceptional traction and added resistance from buckling, tearing and cracking



### STABILITY

The support you need. Wide and flat tread with big and broad lugs for excellent support while carrying loads. Augmented with puncture and damage resistance



### TREAD DESIGN

Stronger than the ever-changing weather. A tread reinforcing bar in the center between the lugs keeps it strong and stable even in severe operating conditions



### SERVICE LIFE

Lugs with a heavy buttressed design for improved tread life and enhanced traction

## SIZES

16.9-24

16.9-28



# VBH Plus II

R-4



Backhoe Loader



### STRONG CONSTRUCTION

An optimized directional pattern achieved by an advanced simulation technique. The results? Exceptional traction and added resistance to buckling, tearing and cracking



### STABILITY

The support you need. Wide and flat tread with big and broad lugs for excellent support while carrying loads. Augmented with puncture and damage resistance



### TREAD DESIGN

Stronger than the ever-changing weather. A tread reinforcing bar in the center between the lugs keeps the tyre strong and stable even in severe operating conditions



### COMPOUND

It's strong. Really strong. A specially formulated compound and rugged nylon casing resists cuts, chips & bruises, enhances stability and augments the high load-carrying capacity

## SIZES

43 x 16- 20	14.9-24	15.5/80-24
17.5L-24	19.5L-24	21L-24
16.9-28		

# VBH Plus II R-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
43 x 16- 20	14	4	145	A8	TL	415	1080	517	3240	1450	1.4
14.9-24	DW13, DW13L, DW11, DW12	12	145	A8	TL	395	1244	590	3732	2900	2.9
15.5/80-24	W12, W13, W14L	16	151	A8	TL	395	1244	590	3732	3450	4.0
17.5L-24	W15L	10	144	A8	TL	445	1240	588	3720	2800	2.2
		12	146	A8	TL	445	1240	588	3720	3000	2.5
19.5L-24	DW16A, W16L, W15L	10	146	A8	TL	495	1323	626	3969	3000	1.9
		12	151	A8	TL	495	1323	626	3969	3450	2.3
21L-24	DW18A, W18L	12	155	A8	TL	533	1377	650	4131	3875	2.2
		16	160	A8	TL	533	1377	650	4131	4500	2.8
16.9-28	W15L, DW15L, W14L, DW14L	10	148	A8	TL	448	1425	677	4275	3150	2.2
		12	152	A8	TT	448	1425	677	4275	3550	2.6





# Industrial King R-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
19.5L-24	DW16A	12	151	A8	TL	495	1315	622	3945	3450	2.3



### TRACTION

Optimum tread depth and broader lugs for improved traction and increased tyre life



### OPTIMIZED TREAD DESIGN

Directional pattern optimized through advanced simulation techniques. Gives excellent traction and resists buckling, tearing and cracking



### STRONG CONSTRUCTION

Unique carcass protector in between lugs that protects the carcass from external damage and increases tyre life



### COMPOUND

Specially formulated compound and rugged nylon casing that resists cuts, chips and abrasions. Additionally, it improves stability and load-carrying capacity

## SIZES\*

19.5L-24

\*All product sizes are made in Mexico.



# VBH STAR R-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16.9-28	DW15L	12	152	A8	TT	448	1428	678	4284	3550	2.6



### OPTIMIZED TREAD DESIGN

A computerized pattern design with high draft angles strengthens the lugs, gives them a robust look and improves their handling and load-carrying capacity



### SERVICE LIFE

A smooth cavity and optimized tread design for even wear and superior shock absorption



### STRONG CONSTRUCTION

Uniform ground pressure distribution for reduced tyre wear, longer tread life, higher mileage, lower vibration level and better comfort, flotation and traction



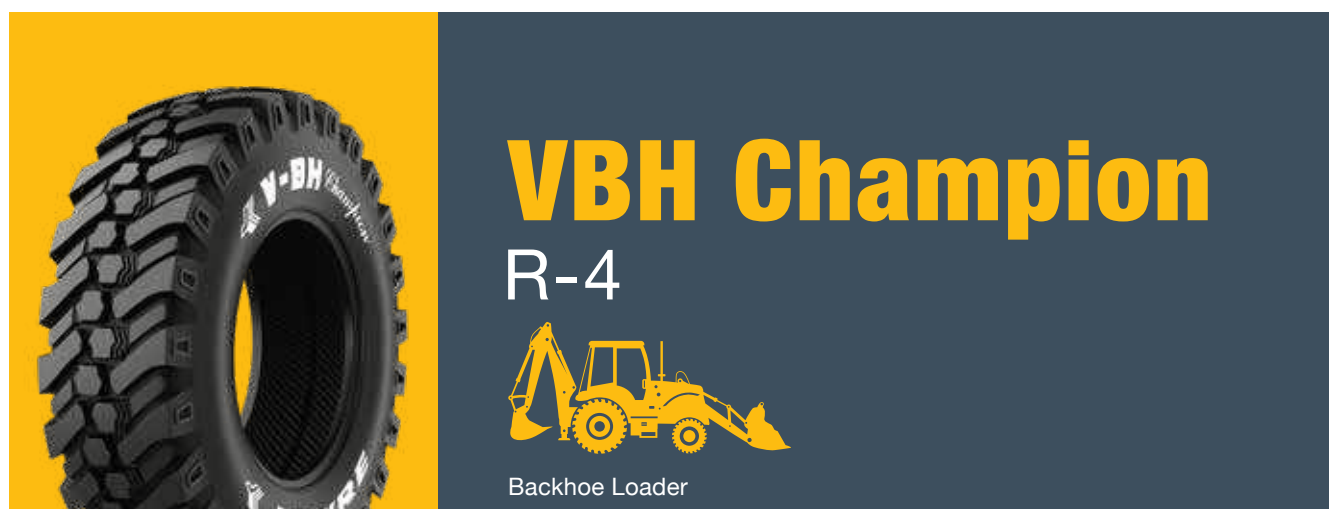
### COMPOUND

A high-quality tread rubber and equally tough nylon casing for exceptional results in industries, off-road sites and construction sites

## SIZES

16.9-28





# VBH Champion R-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16.9-28	DW15L	12	152	A8	TT	448	1440	665	4320	3550	2.6



### OPTIMIZED TREAD DESIGN

Non-directional tread pattern optimized by advanced simulation techniques for high strength lugs and added resistance to buckling



### STRONG CONSTRUCTION

Toughened up like never before. A specially designed high depth casing protector gives added protection from sharp objects



### STABILITY

A tread reinforcing bar between the lugs for added strength and stability even under severe operating conditions

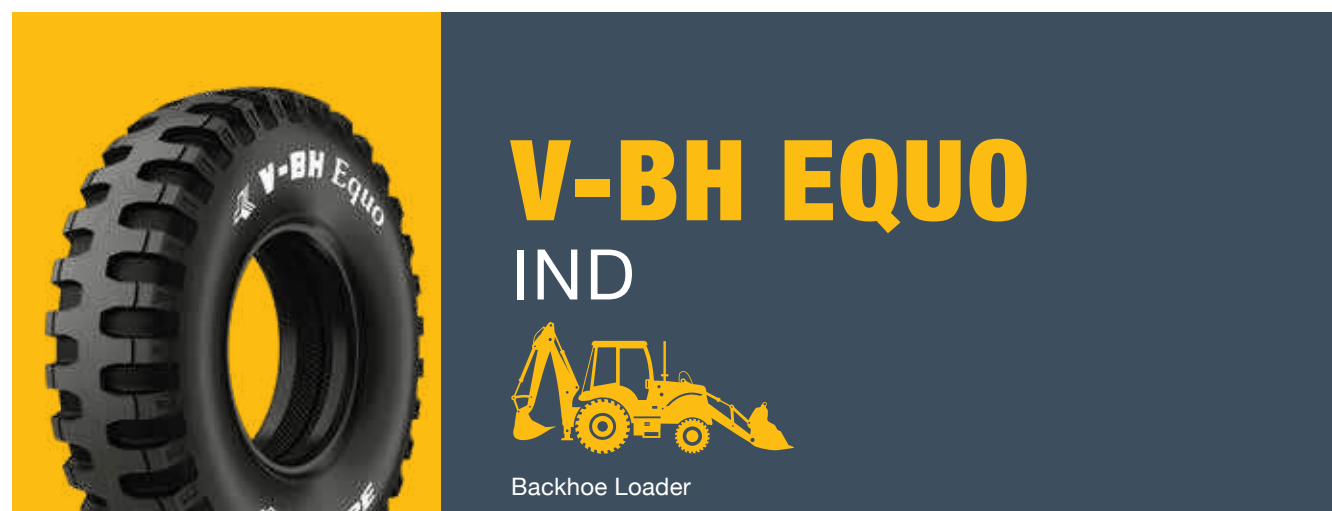


### COMPOUND

It's strong. Really strong. A specially formulated compound and rugged nylon casing resists cuts, chips & bruises, enhances stability and augments the high load-carrying capacity

## SIZES

16.9-28



# V-BH EQUO IND

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
9.00-16	6.5	16	149	A8	TT	258	923	436	2769	3250	8.5



### OPTIMIZED TREAD DESIGN

Non-directional tread pattern with advanced simulatory techniques for high strength



### STRONG CONSTRUCTION

"Tread Reinforcing Bar" between the lug and center rib to strengthen and stabilize lugs under severe operating conditions



### STABILITY

Wide & flat tread design provides excellent steerability and high stability



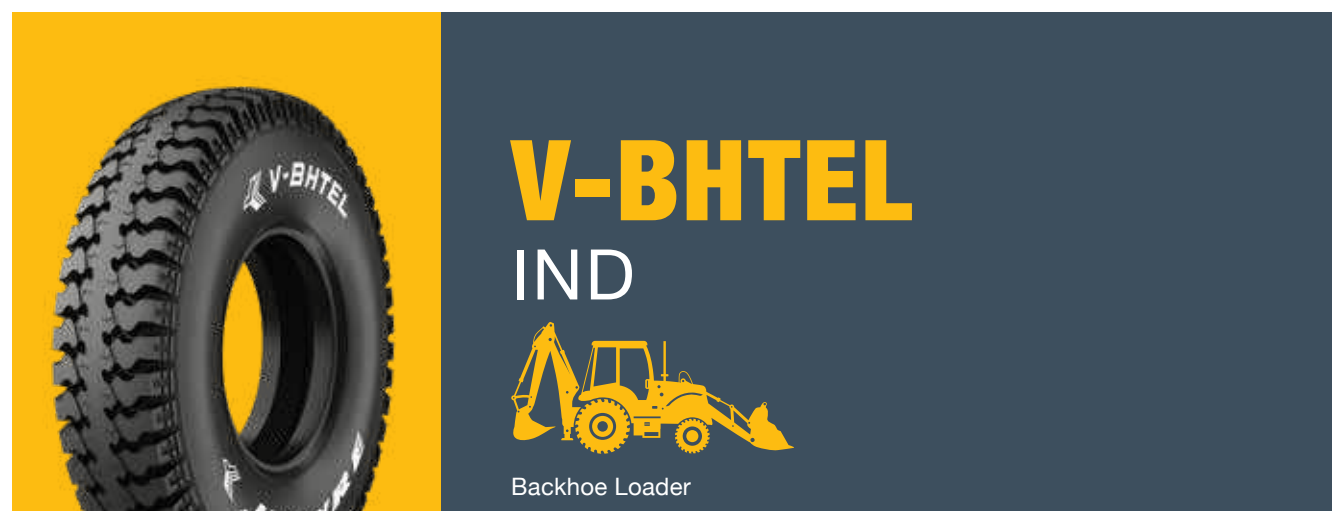
### COMPOUND

Specially formulated compound provides resistance to cuts, chips, bruises, abrasions, and punctures

## SIZES

9.00-16





# V-BHTEL IND

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
9.00-16	6.5	16	149	A8	TT	257	927	437	2781	3250	8.5



### TREAD DESIGN

Good pattern and design with SIPES, gives excellent traction. Wide and tread with broad lugs to provide uniform contact patch and stability



### STRONG CONSTRUCTION

Robust construction with distinctive centre rib and design gives good handling and towing capacity



### COMPOUND

Specially formulated compound and rugged nylon casing provides resistance to cuts, chips, bruises, and abrasions

## SIZES

9.00-16





**MULTIPURPOSE  
CONSTRUCTION TYRES**





# VEM 99 ULTIMA MPT/IND

## MPT

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16/70-20	13.00	16	169	A2	TT	395	1095	518	3285	5850	5.2
16/70-20	13.00	16	169	A2	TL	395	1095	518	3285	5850	5.2

## IND

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
9.00-16	6.0	16	149	A8	TT	260	915	432	2745	3250	8.5



### TREAD DESIGN

Big and broad lugs with a larger contact area for improved stability while lifting loads and a higher tread life



### STRONG CONSTRUCTION

Tough nylon casing for extra load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

An exclusively simulated bead construction enables uniform pressure distribution all along the bead and rim interference, giving good anchorage of the tyre on the rim during operations



### COMPOUND

A wear-resistant and low heat-dissipating tread compound for cooler running and extra service life

## SIZES

9.00-16

16/70-20



# Tuff Grip MPT

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16/70-20	13	14	166	A2	TL	407	1100	520	3300	5300	4.5
		18	173	A2	TT	407	1100	520	3300	6475	5.75
		20	176	A2	TT	407	1100	520	3300	7050	6.4



### TREAD DESIGN

Great design. Greater performance. A directional and open tread design achieves high traction, superior self-cleaning and exceptional directional stability



### STRONG CONSTRUCTION

Wide and flat tread coupled with big and broad lugs for reduced lug shuffling and uniform tread wear



### COMPOUND

Proven for off-road applications. Lives long and resists cuts and wear



### OPTIMUM OFF-ROAD PERFORMANCE

High-strength nylon carcass for exceptional off-road performance

## SIZES

16/70-20





# MPT 117 MPT

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.0/75-18	9	12	135	A8	TL	305	915	435	2745	2185	4
12.5-18	9	12	136	A8	TT	320	990	468	2970	2245	3.5



### TREAD DESIGN

Directional pattern with concentrated rubber mass in the center for higher mileage, both on and off the road



### SERVICE LIFE

Stepped lug design that improves stone ejection and mileage



### DIRECTIONAL STABILITY

Wide and flat tread with big and broad lugs for directional stability and an excellent steering response



### COMPOUND

Specially formulated compound and rugged nylon casing for added resistance to cuts, chips, bruises and abrasions. Augmented with a high load-carrying capacity and better stability

## SIZES

12.0/75-18

12.5-18



# WHEELED EXCAVATORS







# Tuff Grip E-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10.00-20	7.5	16	145	B	TT	276	1067	506	3201	2900	7.3
		16	145	B	TL	276	1067	506	3201	2900	7.3
11.00-20	8	16	148	B	TT	295	1090	516	3270	3150	7.3
		16	148	B	TL	295	1090	516	3270	3150	7.3



### TREAD DESIGN

Directional and open tread design for high traction, superior self-cleaning and excellent directional stability



### SERVICE LIFE

An optimized tread lug overlap in the center and a connecting tie bar for reduced lug shuffling and uniform tread wear



### COMPOUND

Proven for off-road applications. Lives long and resists cuts and wear



### OPTIMUM OFF-ROAD PERFORMANCE

High-strength nylon carcass for exceptional off-road performance

## SIZES

10.00-20

11.00-20





# PAVERS AND COMPACTORS







# V Compact R-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.9-24	W13, W12	6	119	A8	TL	405	1250	593	3750	1360	1.4
		8	124	A8	TL	405	1250	593	3750	1600	1.8
18.4-26	DW16A, W15L, DW15A	12	142	A8	TL	480	1425	674	4275	2650	2.2
23.1-26	DW20B	8	145	A6	TL	587	1560	735	4680	2900	1.1
		12	153	A6	TL	587	1560	735	4680	3650	1.7
		16	159	A6	TL	587	1560	735	4680	4375	2.3



### TREAD DESIGN

Non-directional tread pattern with specially designed tread buttons for a robust appearance and better traction in soft underfoot conditions



### WIDE FOOTPRINT

A wide and flat footprint for maximum contact, better flotation and minimal soil disturbance



### STRONG CONSTRUCTION

Heavy-duty nylon carcass construction and a distinctive tread pattern that resists buckling, tearing and cracking



### COMPOUND

A specially formulated tread compound that resists cuts, chips, bruises, abrasions and punctures and takes stability and load-carrying capacity to the next level

## SIZES

14.9-24

18.4-26

23.1-26



# VRC 18 R-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
28L-26	DW25B	16	157	A8	TL	740	1590	749	4770	4125	1.9
23.1-26	DW20B	8	145	A6	TL	600	1583	745	4749	2900	1.1
		12	153	A6	TL	600	1583	745	4749	3650	1.7
		16	159	A6	TL	600	1583	745	4749	4375	2.3



### WIDE FOOTPRINT

A wide and flat footprint increases the contact area and improves flotation, while minimizing the soil disturbance



### STRONG CONSTRUCTION

Heavy-duty nylon carcass construction and a distinctive tread pattern that resists buckling, tearing and cracking



### COMPOUND

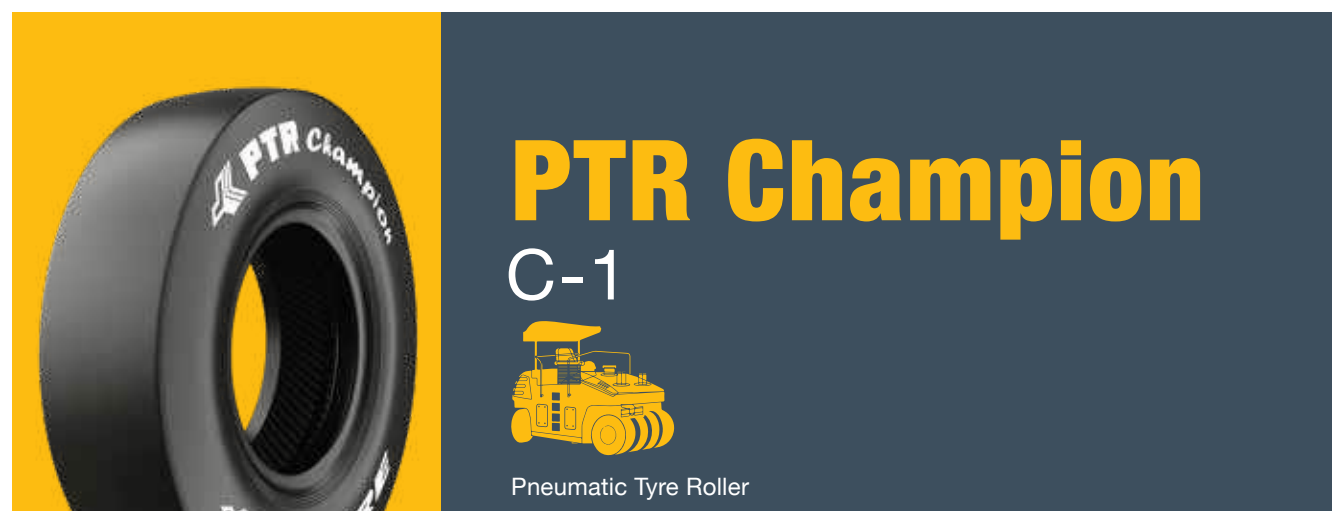
Optimized tread pattern for self-cleaning and flotation on soft and wet soil

## SIZES

28L-26

23.1-26





# PTR Champion C-1

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
11.00-20	8	18	169	A2	TT	290	1070	507	3210	5800	8.3



### TREAD DESIGN

A specially designed simulated tread profile optimizes the contact area and ensures an even contact pressure



### STRONG CONSTRUCTION

Sturdy casing for improved durability and high load-carrying capacity



### COMPOUND

Premium quality tread compound that resists cuts and heat

## SIZES

11.00-20





# GRADER







# EG 04 G-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
13.00-24	8.00TG	12	143	A8	TT	337	1285	609	3855	2725	3
		16	150	A8	TT	335	1285	609	3855	3340	4
14.00-24	10.00VA	12	147	A8	TL/TT	365	1343	635	4029	3075	2.5
		16	153	A8	TL	365	1343	635	4029	3650	3.5



### TREAD DESIGN

An optimized directional lug pattern with 'tapered lugs' and a rugged center block achieves exceptional stability and superior self-cleaning



### COMPOUND

A unique tread compound that resists cuts and aging



### STRONG CONSTRUCTION

Heavy-duty nylon carcass construction that resists buckling, tearing and cracking



### HEAVY BEAD CONSTRUCTION

The gold standard of bead construction. Gives superb anchorage of the tyre on the rim

## SIZES

13.00-24

14.00-24



# EG 04 DX G-2 / L-2

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
15.5-25	12.00/1.3	12	142	A8	TL	396	1272	604	3816	2650	2.3
17.5-25	14.00/1.5	16	150	A8	TL	440	1340	635	4020	3350	2.8
20.5-25	17.00/2.0	16	156	A8	TL	518	1493	704	4479	4000	2.3



### TREAD DESIGN

Open tread design with an effective center overlap. Achieves superior traction, self-cleaning and directional stability



### COMPOUND

A unique tread compound that resists cuts and aging



### STRONG CONSTRUCTION

Heavy-duty nylon carcass construction that resists buckling, tearing and cracking



### HEAVY BEAD CONSTRUCTION

The gold standard of bead construction. Gives superb anchorage of the tyre on the rim

## SIZES

15.5-25

17.5-25

20.5-25





# VEM 99 E-3/L-3/L-4

## E-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	12	162	B	TL	500	1610	756	4830	4750	2

## E-3/L-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
20.5-25	17.00/2.0	20	186	A2	TL	525	1490	702	4470	9500	4.5
		24	189	A2	TL	525	1490	702	4470	10300	5.3
26.5-25	22.00/3.0	28	203	A2	TL	700	1740	815	5220	15500	4.8
29.5-25	25.00/3.5	28	207	A2	TL	780	1870	873	5610	17500	4.3
		34	212	A2	TL	780	1870	873	5610	20000	5.3

## L-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
17.5-25	14.00/1.5	16	177	A2	TL	450	1355	642	4065	7300	4.8
		20	181	A2	TL	450	1355	642	4065	8250	5.75
		24	186	A2	TL	450	1355	642	4065	9525	7
23.5-25	19.00/2.5	20	191	A2	TL	620	1625	763	4875	10900	3.8
		28	199	A2	TL	620	1625	763	4875	13600	5.5

## L-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
29.5-29	25.00/3.5	28	210	A2	TL	750	2030	950	6090	19000	4.3

# VEM 99 E-3/L-3/L-4



Grader



### TREAD DESIGN

Big and broad lugs for improved contact, added stability while lifting loads and longer tread life



### STRONG CONSTRUCTION

Tough nylon casing for improved load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

Simulated bead construction for extra strong triple beads, improved anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and low heat-dissipating tread compounds for cooler running and extra service life

## SIZES

17.5-25	18.00-25	20.5-25
23.5-25	26.5-25	29.5-25
29.5-29		



# VEM AS E-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.00-24	10.00/1.5	28	196	A5	TL	380	1370	648	4110	12500	10.0
	10.00/1.5	20	161	B	TT	380	1370	647	4110	4625	4.75
		16	156	B	TL	380	1370	647	4110	4000	3.75
14.00-25	10.00/1.5	20	161	B	TT	380	1370	647	4110	4625	4.75
		20	161	B	TL	380	1370	647	4110	4625	4.75
		28	-	-	TL	380	1370	648	4110	5600	6.5



### TREAD DESIGN

Big and broad lugs for improved contact, added stability while lifting loads and longer tread life



### STRONG CONSTRUCTION

Tough nylon casing for extra load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

Simulated bead construction for extra strong triple beads, improved anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and low heat-dissipating tread compounds for cooler running and extra service life

## SIZES

14.00-24

14.00-25





  
**WHEEL  
LOADER**





# VEM AS L-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.00-20	10.00/1.5	22	159	B	TT	380	1268	596	3804	4375	5.5
14.00-25	10.00/1.5	12	172	A2	TT	380	1370	648	4110	6300	4.3
		20	182	A2	TT/TL	380	1370	648	4110	8500	7
		24	186	B	TT	380	1370	647	4110	9500	8.5
		24	186	B	TL	380	1370	647	4110	9500	8.5



### TREAD DESIGN

Big and broad lugs for improved contact, added stability while lifting loads and longer tread life



### HEAVY BEAD CONSTRUCTION

Simulated bead construction for extra strong triple beads, improved anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and low heat-dissipating tread compounds for cooler running and extra service life

## SIZES

14.00-20

14.00-25





# Mine Champion L-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.00-25	10.00/1.5	36	193	A2	TT	375	1415	669	4245	11500	10.5



### TREAD DESIGN

Technology meets tread. A tread pattern developed by high-end computational simulations achieves excellent traction, flushing and contact pressure distribution



### COMPOUND

The big daddy of modern silica-based dual tread compounds. Provides excellent cut resistance and is optimized for cooler running



### STRONG CONSTRUCTION

Strong nylon construction for a super strong bead construction. A high denier fabric achieves excellent casing strength and reliability during impact loads

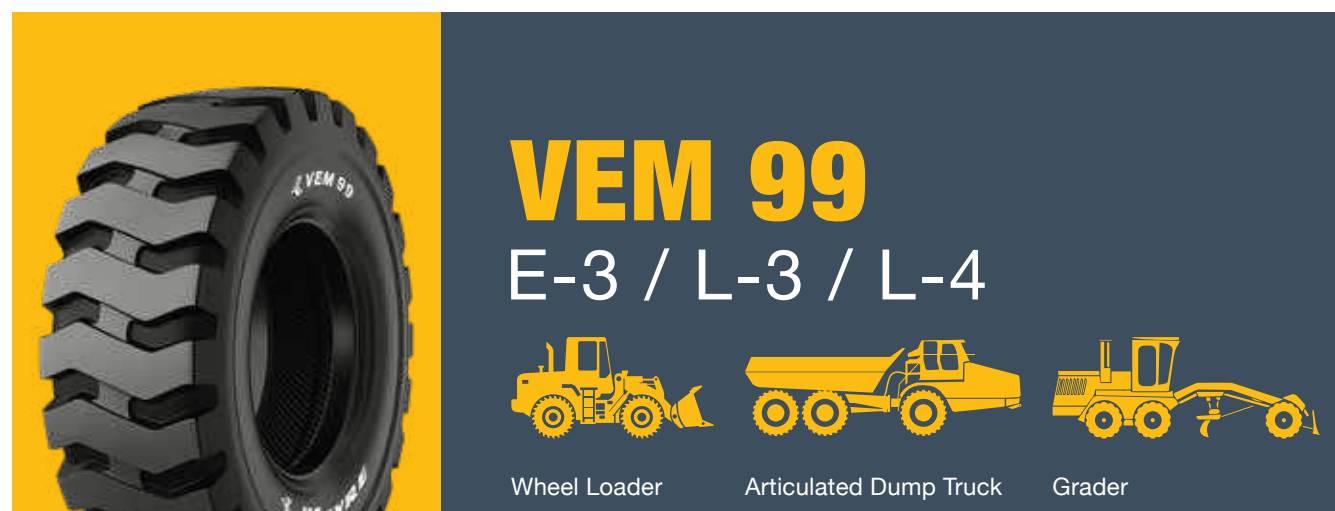


### LUG REINFORCEMENT

Connecting reinforcement in the shoulder region of the lug bottom for reduced heat generation

## SIZES

14.00-25



# VEM 99 E-3/L-3/L-4

## E-3/L-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
20.5-25	17.00/2.0	20	186	A2	TL	525	1490	702	4470	9500	4.5
		24	189	A2	TL	525	1490	702	4470	10300	5.3
26.5-25	22.00/3.0	28	203	A2	TL	700	1740	815	5220	15500	4.8
29.5-25	25.00/3.5	28	207	B	TL	780	1870	873	5610	17500	4.3
		34	212	A2	TL	780	1870	873	5610	20000	5.3

## L-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
17.5-25	14.00/1.5	16	177	A2	TL	450	1355	642	4065	7300	4.8
		20	181	A2	TL	450	1355	642	4065	8250	5.75
		24	186	A2	TL	450	1355	642	4065	9525	7
23.5-25	19.00/2.5	20	191	A2	TL	620	1625	763	4875	10900	3.8
		28	199	A2	TL	620	1625	763	4875	13600	5.5

## L-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	24	196	A2	TL	489	1658	778	4974	12500	5.5
29.5-29	25.00/3.5	28	210	A2	TL	750	2030	950	6090	19000	4.3

# VEM 99

E-3 / L-3 / L-4



Wheel Loader

Articulated Dump Truck

Grader



### TREAD DESIGN

Big and broad lugs for improved contact, added stability while lifting loads and longer tread life



### STRONG CONSTRUCTION

Tough nylon casing for extra load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

Simulated bead construction for extra strong triple beads, improved anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and low heat-dissipating tread compounds for cooler running and extra service life

## SIZES

17.5-25	20.5-25	23.5-25
26.5-25	29.5-25	29.5-29
18.00-25		





# VEM 63 L-5

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
35/65-33	28.00/3.5	32	216	A2	TL	900	2080	978	6240	22400	4.8
		42	222	A2	TL	900	2080	978	6240	26500	6.3



### TREAD DESIGN

Big and broad lugs for improved contact, added stability while lifting loads and longer tread life



### STRONG CONSTRUCTION

Tough nylon casing for extra load-carrying capacity and excellent casing reliability



### SERVICE LIFE

Extra protection on the sidewall that withstands rocky terrains and enhances tyre life



### COMPOUND

Wear and cut resistant tread compound for extended tyre life

## SIZES

35/65-33





# RIGID DUMP TRUCK







# Mine Champion E-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.00-25	10.00/1.5	36	178	B	TT	375	1415	669	4245	7500	9



### TREAD DESIGN

Technology meets tread. A tread pattern developed by high-end computational simulations achieves excellent traction, flushing and contact pressure distribution



### COMPOUND

The big daddy of modern silica-based dual tread compounds. Provides excellent cut resistance and is optimized for cooler running



### STRONG CONSTRUCTION

Strong nylon construction for a super strong bead construction. A high denier fabric achieves excellent casing strength and reliability during impact loads



### LUG REINFORCEMENT

Connecting reinforcement in the shoulder region of the lug bottom for reduced heat generation

## SIZES

14.00-25



# VEM 99 E-3 / E-4

## E-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	32	183	B	TL	500	1610	756	4830	8750	5.8

## E-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	32	183	B	TL	489	1658	778	4974	8750	5.8
		40	187	B	TL	489	1658	778	4974	9750	7.0



### TREAD DESIGN

Big and broad lugs for improved contact, added stability while lifting loads and longer tread life



### STRONG CONSTRUCTION

Tough nylon casing for extra load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

Extra strong beads, courtesy of a simulated bead construction. Gives exceptional anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and heat-dissipating compound for cooler running and a prolonged service life

## SIZES

18.00-25





# VEM 045

E-3 / E-4



Rigid Dump Truck

# VEM 045 E-3 / E-4

## E-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
40.00-57	29.00/6.0	68	247	B	TL	1125	3526	1659	10578	54500	5.5

## E-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-33	13.00/2.5	36	190	B	TL	518	1865	881	5595	10600	6.3
		40	193	B	TL	518	1865	881	5595	11500	7
21.00-35	15.00/3.0	36	197	B	TL	590	2045	965	6135	12850	5.5
24.00-35	17.00/3.5	48	209	B	TL	653	2175	1023	6525	18500	6.5
24.00-49	17.00/3.5	48	215	B	TL	673	2545	1207	7635	21800	6.5
27.00-49	19.50/4.0	48	220	B	TL	765	2703	1279	8109	25000	5.8
		54	223	B	TL	765	2703	1279	8109	27250	6.5
30.00-51	22.00/4.5	46	225	B	TL	850	2905	1372	8715	29000	5
		52	226	B	TL	850	2905	1372	8715	30000	5.5
33.00-51	24.00/5.0	58	232	B	TL	925	3061	1442	9183	35500	5.8
36.00-51	26.00/5.0	58	237	B	TL	1025	3240	1523	9720	41250	5.3
40.00-57	29.00/6.0	60	244	B	TL	1120	3590	1688	10770	50000	4.8
		68	247	B	TL	1120	3590	1688	10770	54500	5.5



### TREAD DESIGN

Technology meets tread. A tread pattern developed by high-end computational simulations for exceptional traction, flushing and contact pressure distribution



### COMPOUND

A new-age silica-based tread compound for excellent cut & abrasion resistance, cooler running and extended tyre life



### STRONG CONSTRUCTION

Tough nylon construction, super strong bead construction and a piece of high denier fabric. The results? Excellent casing strength and reliability even during heavy-duty operations



### LUG REINFORCEMENT

A connecting reinforcement in the shoulder region of the lug bottom for reduced heat generation

## SIZES

18.00-33	21.00-35	24.00-35
24.00-49	27.00-49	30.00-51
33.00-51	36.00-51	40.00-57



# Rock Champion E-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
21.00-33	15	42	200	B	TL	580	1993	939	5979	14150	6.5



**OPTIMIZED TREAD DESIGN**

Non-directional tread pattern with dual bend grooves for minimized stress concentration and excellent traction in forward and lateral motions. Designed with 3D siping for better heat dissipation



**STRONG CONSTRUCTION**

An extra rubber layer reinforced under the tread region for higher cut resistance



**BEAD CONSTRUCTION**

Tough nylon construction, super strong bead construction and a piece of high denier fabric. The results? Excellent casing strength and reliability even during heavy-duty operations



**COMPOUND**

A new-age silica-based tread compound for excellent cut & abrasion resistance, cooler running and extended tyre life

## SIZES

21.00-33





# VEM 045 XD E-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
24.00-35	17.00/3.5	48	209	B	TL	645	2175	1023	6525	18500	6.5



### TREAD DESIGN

Technology meets tread. A tread pattern developed by high-end computational simulations gives exceptional traction, flushing and contact pressure distribution



### COMPOUND

A new-age silica-based tread compound for excellent cut & abrasion resistance, cooler running and extended tyre life



### STRONG CONSTRUCTION

Tough nylon and a super strong bead construction come together, resulting in excellent casing strength and reliability during impact loads



### SERVICE LIFE

Deep lug design for improved service life

## SIZES

24.00-35



# VEM SMOOTH L-2S / L-5S

## L-2 S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
9.00-20	7	16	148	A5	TT	265	1042	494	3126	3170	7.3

## L-5 S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
7.00-12	5	16	136	A5	TT	205	710	335	2130	2240	10



### TREAD DESIGN

Extra deep smooth tread design for superior handling, prolonged life and resistance from external damage



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for improved load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

An extra strong triple bead, courtesy of a simulated bead construction. Gives exceptional anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and heat-dissipating compound for cooler running and a prolonged service life

## SIZES

7.00-12

9.00-20





# Tipper King <sup>ML</sup>

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.00-20	8.50/1.8	18	150	F	TT	312	1150	543	3450	3350	7.3
12.00-24	8.50/1.8	20	155	F	TT	325	1248	592	3744	3875	7.9



### TREAD DESIGN

A robust pattern designed with advanced FEA simulation techniques for minimal stress generation and higher mileage



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for added load-carrying capabilities and excellent casing reliability



### STEPPED LUG DESIGN

Stepped lug design and an additional rubber reinforcement at the bottom of the lug for added strength



### COMPOUND

A specially formulated tread compound that resists cuts, chipping and overheating

## SIZES

12.00-20

12.00-24



# Tipper Champ ML3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10.00-20	7.5	18	144	B	TT	284	1085	514	3255	2800	7.6
11.00-20	8	18	146	B	TT	300	1118	529	3354	3000	7.6



### TREAD DESIGN

Stepped Lug design and robust pattern using advanced simulation techniques for minimal stress generation providing higher mileage



### STRONG CONSTRUCTION

Additional rubber reinforcement at lug bottom resulting in super strong lugs. Extra strong nylon casing for extra load carrying capacity and excelelnt casing reliability



### COMPOUND

Specially formulated tread compund for resistance to cut, chipping, and over heating

## SIZES

10.00-20

11.00-20





# MATERIAL HANDLING RANGE







# Jet Lift Ind

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
6.00-9	4.00E	10	118	A5	TT	165	545	249	1635	1320	8.5
6.50-10	5.00F/5.50F	10	122	A5	TT	190	595	280	1785	1500	7.8
7.00-12	5.00S	12	133	A5	TT	192	680	321	2040	2060	8.5
7.00-15	6.0/5.5	12	144	A5	TT	206	775	368	2325	2830	9
8.15-15	7	14	142	A5	TT	215	720	335	2160	2595	9.7
28X9-15	7	14	142	A5	TT	215	720	335	2160	2595	9.7
8.25-15	6.5	14	149	A5	TT	245	845	388	2535	3250	8



### TREAD DESIGN

A special tread lug design for maximum stability and handling



### COMPOUND

A new-age silica-based tread compound for excellent cut & abrasion resistance, cooler running and extended tyre life



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for added load-carrying capabilities and excellent casing reliability



### STABILITY

Big and broad lugs, resulting in a larger contact area, exceptional stability, higher tread life and improved steerability

## SIZES

6.00-9	6.50-10	7.00-12
7.00-15#	8.15-15*	28X9-15
8.25-15		

\*The product sizes are made in India and Mexico.

#The Product sizes are made in Mexico.



# Jet Lifter Ind

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10.00-20	7.5	16	164	A5	TT	284	1074	509	3222	5000	9
	7.5	16	164	A5	TL	284	1074	509	3222	5000	9
12.00-20	8.5	20	176	A5	TT	320	1150	543	3450	7100	10



### TREAD DESIGN

Sturdy block tread pattern and wider footprint for enhanced stability and exceptional grip



### SERVICE LIFE

Robust wide wall and rim guard design for superior protection from wheel damage in the rim flange area



### STRONG CONSTRUCTION

Reinforced with a strong nylon casing for an improved load-carrying capacity and added resistance to punctures



### COMPOUND


New-age silica-based tread compound for added resistance to wear and tear

## SIZES


10.00-20

12.00-20






# Port Champion Ind-4



Reach Stacker



Empty Container Handler



Mobile Harbour Crane

# Port Champion Ind-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.00-24	10.0/1.5	28	196	A5	TL	385	1410	665	4230	12500	10.0
18.00-25	13.00/2.5	40	214	A5	TL	510	1685	790	5055	21250	10.0



### TREAD DESIGN

Extra deep tread rubber for a prolonged life



### STABILITY

Big and broad lugs with concentrated rubber in the center, resulting in a larger contact area, exceptional stability, higher tread life and improved steerability



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for an improved load-carrying capacity and excellent casing reliability



### COMPOUND

Wear and heat generation resistant compound. Ensures cooler running and a prolonged service life

## SIZES

14.00-24

18.00-25



# VEM 99

## Ind-3 / Ind-4



Reach Stacker



Rubber Tyre Gantry Crane



### TREAD DESIGN

Big and broad lugs with concentrated rubber in the center, resulting in a larger contact area, exceptional stability, higher tread life and improved steerability



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for added load-carrying capabilities and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

An extra strong triple bead, courtesy of a simulated bead construction. Gives exceptional anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear and heat generation resistant compound. Ensures cooler running and a prolonged service life

## SIZES

18.00-25

21.00-25

# VEM 99 Ind-3 / Ind-4

## Ind-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	40	214	A5	TL	500	1610	756	4830	21250	10
21.00-25	15.00/3.0	40	221	A5	TL	595	1770	828	5310	25750	10

## Ind-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	40	214	A5	TL	489	1658	778	4974	21250	10.0



# VEM Smooth L-4S / L-5S

## L-4S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	40	214	A5	TL	500	1684	790	5052	21250	10

## L-5S

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-25	13.00/2.5	40	214	A5	TL	525	1650	790	5052	21250	10



### TREAD DESIGN

An extra deep and smooth tread for prolonged life and added resistance to external damage



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for added load-carrying capabilities and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

An extra strong triple bead, courtesy of a simulated bead construction. Gives exceptional anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear and heat generation resistant compound. Ensures cooler running and a prolonged service life

## SIZES

18.00-25





# VEM 045 IND-3 / IND-4

## IND-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
16.00-25	11.25/2.0	32	203	A5	TL	450	1495	705	4485	15625	10

## IND-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
18.00-33	13.00/2.5	40	220	A5	TL	518	1865	881	5595	25000	10



### TREAD DESIGN

Technology meets tread. A tread pattern developed by high-end computational simulations improves steerability and service life



### COMPOUND

A new-age silica-based tread compound for excellent cut & abrasion resistance, cooler running and extended tyre life



### STRONG CONSTRUCTION

Tough nylon construction, super strong bead construction and a piece of high denier fabric. The results? Excellent casing strength and reliability even during heavy-duty operations



### LUG REINFORCEMENT

Connecting reinforcements in the bottom and shoulder regions of the lug for reduced heat generation and flexing

## SIZES

16.00-25

18.00-33



# Jet Trax HD IND-4

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.00-24	8.5	20	182	A5	TT	330	1285	609	3855	8625	10.0
		24	190	A8	TT	330	1285	609	3855	10475	10.0



### TREAD DESIGN

A wide, flat and extra deep tread pattern for exceptional performance, even under grueling conditions



### SERVICE LIFE

A deep tread, unique wide wall, thick sidewall and sturdy casing for improved puncture resistance, enhanced sidewall stability and a longer life



### STRONG CONSTRUCTION

A specially designed rim guard for greater protection in the rim flange area



### COMPOUND

A new-age silica-based tread compound with "chip & tear resistance" that's built for the off-roads and rough concrete surfaces

## SIZES

12.00-24



# VEM AS IND-3

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
14.00-24	10.00/1.7	28	196	A5	TL	380	1370	648	4110	12500	10.0



### TREAD DESIGN

Big and broad lugs with a large contact area, resulting in exceptional stability, higher tread life and improved steerability



### STRONG CONSTRUCTION

Tough just got tougher. A tough nylon casing for an improved load-carrying capacity and excellent casing reliability



### HEAVY BEAD CONSTRUCTION

Extra strong dual beads, courtesy of a simulated bead construction for exceptional anchorage of the tyre on the rim and uniform pressure distribution



### COMPOUND

Wear-resistant and heat-dissipating compound for cooler running and a prolonged service life

## SIZES

14.00-24





# VEM ROCK ML

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10.00-20	7.5	18	144	F	TT	280	1075	509	3225	2780	7.6
11.00-20	8.0	18	146	F	TT	305	1115	527	3345	3000	7.6
12.00-24	8.5	18	154	F	TT	326	1256	591	3768	3750	7.6
	8.5	20	155	F	TT	326	1256	591	3768	3875	7.9



### TREAD DESIGN

Big and broad lugs provides resistance to lug chipping



### STRONG CONSTRUCTION

Stepped Lug Design and additional rubber reinforcement at lug bottom resulting in super strong lugs



### COMPOUND

Specially formulated tread and sidewall compound provides high cut resistance in extreme mining conditions



### OPTIMIZED DESIGN

Optimized cavity profile and pattern is designed for lower contact pressure thereby minimizing the heat generation

## SIZES

10.00-20

11.00-20

12.00-24



# Crane King IND

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
10.00-20	7.5	16	153	B	TT	281	1066	505	3198	3700	7.3
11.00-20	8.5	16	155	B	TT	297	1085	514	3255	3870	7.8



### TREAD DESIGN

Aggressive 5-ribbed saw tooth pattern with SIPES provides good traction and efficient gripping



### STRONG CONSTRUCTION

Strong nylon casing provides high casing reliability. Wide flat tread helps in uniform tread wear.




### COMPOUND

New age SILICA based compound provides resistance to tear and cut and also gives better wear resistance



## SIZES

10.00-20

11.00-20



# Crane King DX IND

Reach Stacker    Empty Container Handler    Mobile Harbour Crane

# Crane King DX IND

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.00-20	8.0 / 8.5	18	160	B	TT	311	1136	537	3408	4515	8



### TREAD DESIGN

Deep saw toothed tread design with SIPES gives excellent traction on wet roads



### STRONG CONSTRUCTION

Wide shoulder groove with sleek center rib provides excellent maneuverability. Unique buttress window design helps in better heat dissipation



### COMPOUND

New age SILICA based compound provides resistance to tear and cut and also gives better wear resistance

## SIZES

12.00-20





# Jetsteel JDO XD IND

SIZE	RIM	PLY RATING	LOAD INDEX	SPEED SYMBOL	TT/TL	SECTION WIDTH MM	OVERALL DAIMETER MM	STATIC LOADED RADIUS MM	ROLLING CIRCUM FERENCE MM	MAX. LOAD KG	PRESSURE BAR
12.00R24	8.50x24	18	158/155	F	TT	315	1253	588	3834	4250	8.3



### TRACTION

Aggressive multi-lug design for excellent traction and even wear



### TREAD DESIGN

Open shoulder design offers superior self-cleaning capability. Unique stepped grooved esign prevents stone entrapment



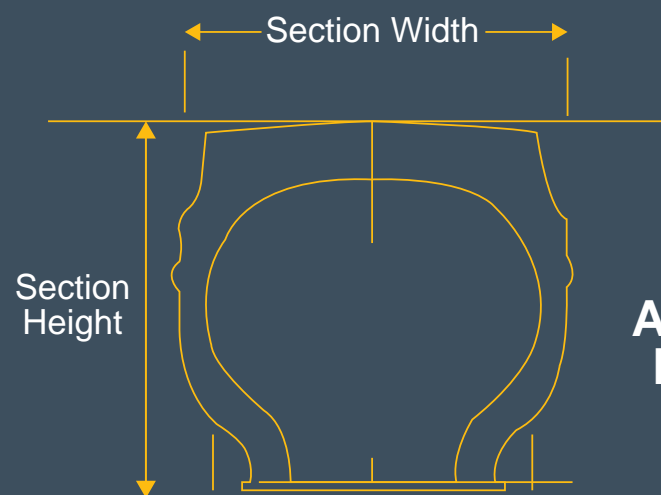
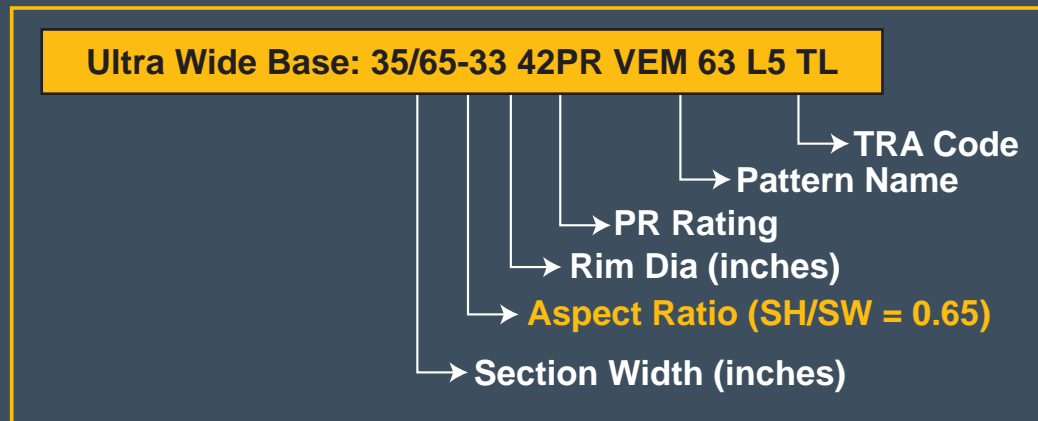
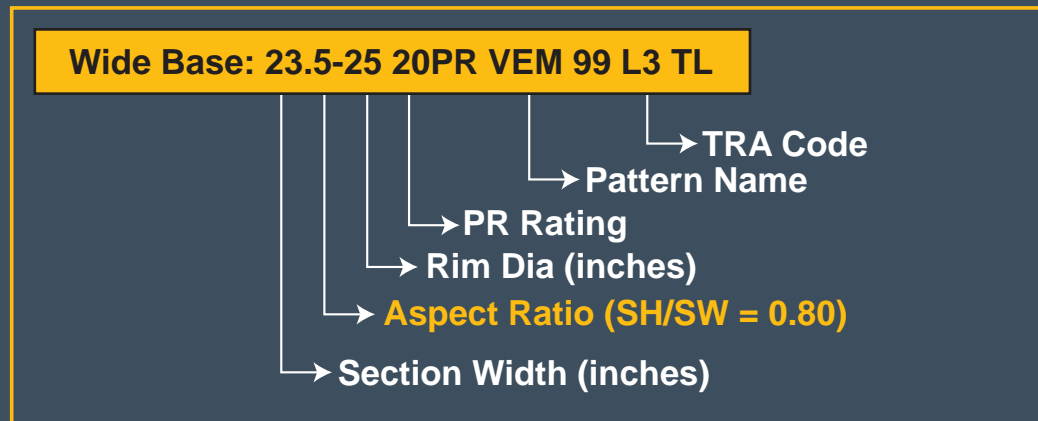
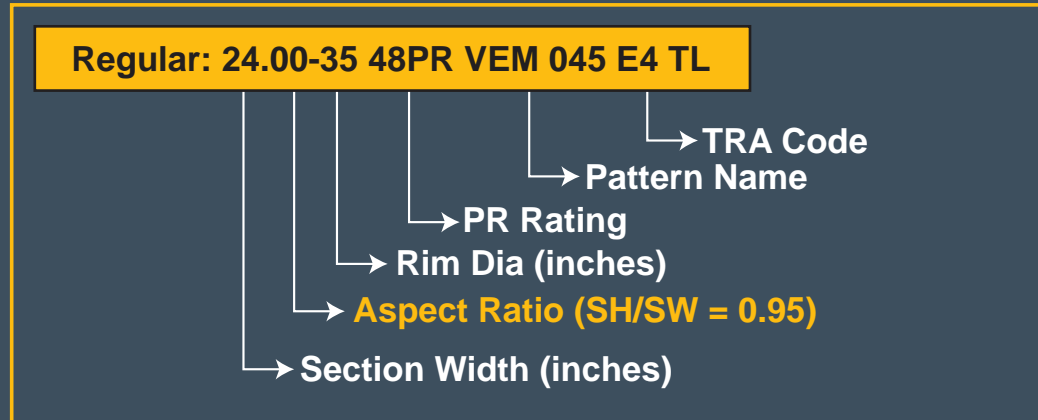
### COMPOUND

Mining tread compound for lower tread chipping and good cut resistance

## SIZES

12.00R24

## HOW TO READ OFF-HIGHWAY TYRE SIZES



For Radials, "R" will be written as:  
**24.00R35/23.5R25/35/65R33**

$$\text{Aspect Ratio} = \frac{\text{Section Height}}{\text{Section Width}}$$

## KEY TERMS AND DEFINITIONS

### OVERALL DIAMETER (OD)

Overall Diameter is twice the section height of a new tyre, plus the nominal rim diameter, including 24-hour inflation growth.

### OVERALL WIDTH (OW)

Overall Width is the width of a new tyre, including 24-hour inflation growth, and including protective side ribs, bars or decorations.

### SECTION WIDTH (SW)

Section Width is the width of a new tyre, including 24-hour Inflation growth and normal sidewalls, but not including protective side ribs, bars, or decorations.

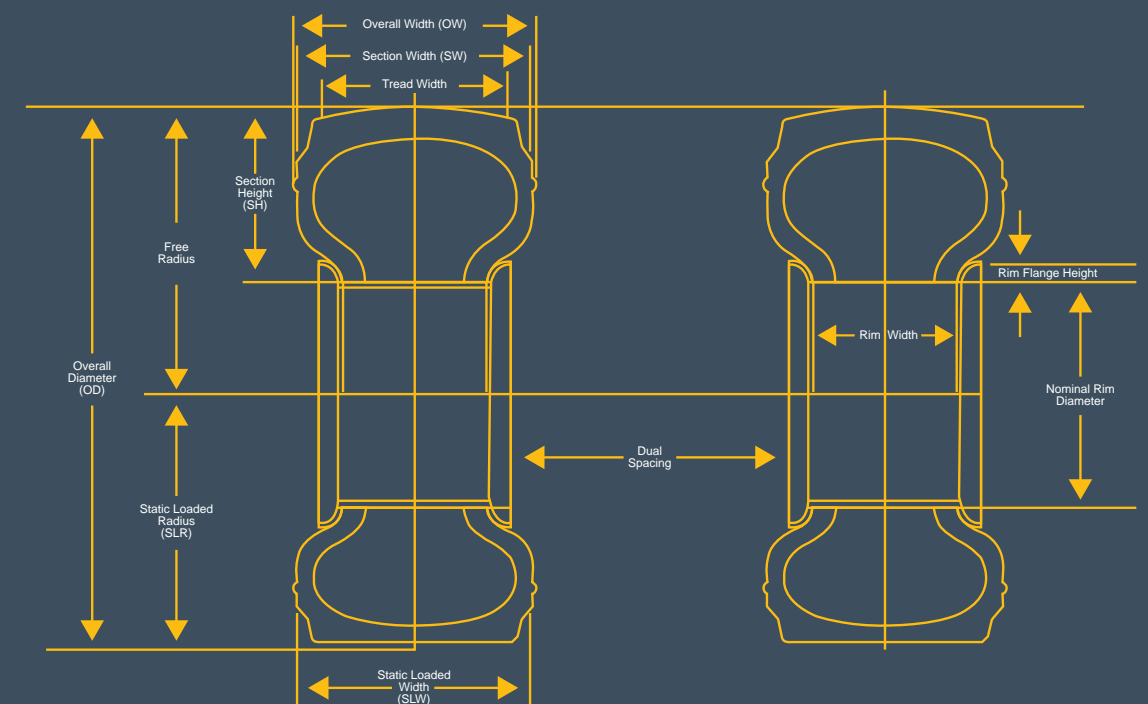
### STATIC LOADED RADIUS AND WIDTH (SLR, SLW)

Static Loaded Radius is the shortest distance from the axle centre to the contact surface of a tyre and Static Loaded Width is the overall width of a tyre, mounted on the approved rim at the specified inflation pressure and placed still and vertically on a flat board, and loaded with the specified load.

### ORIGINAL TREAD DEPTH (OTD)

Original Tread Depth is the tread depth of a new tyre measured at the point of the tread indicator (wherever available) or one-fourth the width of the tyre crown section from the crown centre, including 24-hour inflation growth.

## DIMENSIONS AND DEFINITIONS

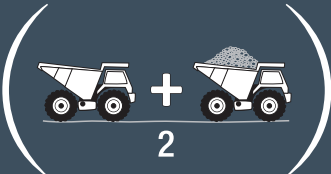
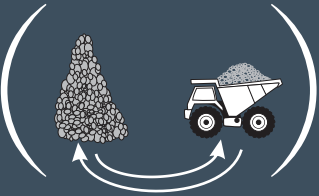


# TKPH/TMPH

(TONNE KM PER HOUR/   
TON MILE PER HOUR)

Earth-moving, mining and logging tyres have become increasingly important with the development of large construction vehicles. The primary task of these heavy-duty tyres is to haul heavy loads faster, over longer distances. This heavy hauling inevitably leads to a heat build-up in the tyres. As tyres have limited resistance to heat, deterioration of the tyre may occur at an early stage of operation. If used beyond the rated TKPH/TMPH. Accordingly it is necessary, when selecting tyres, to determine the amount of work which will keep the tyre within a safe range and avoid overheating during operation. The amount of work done under the given conditions and within a safe range is shown as 'TKPH/TMPH', which can be determined by the following formula:

## FORMULA FOR CALCULATION OF OPERATING TKPH/TMPH

Operating TKPH/TMPH =  X 

**Mean Tyre Load (MTL)**

**Average Work Shift Speed (AWSS)**

$$\text{MTL} = \frac{\text{Tyre Load (Empty)} + \text{Tyre Load (Loaded)}}{2}$$

$$\text{AWSS} = \frac{\text{Round Trip Distance} \times \text{Number of Cycles per Shift}}{\text{Total Hours of Operation per Shift}}$$

## NOTES

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