EXMILE
Premium Special Tyre Manufacturer

GESTYRE
Neumáticos Industriales

Gestyre Industrial, SLU 655 850 900

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OTR & IND. TYRE CATALOGUE 2019

EXMILE
Premium Special Tyre Manufacturer

PREMIUM SPECIAL TYRE MANUFACTURER

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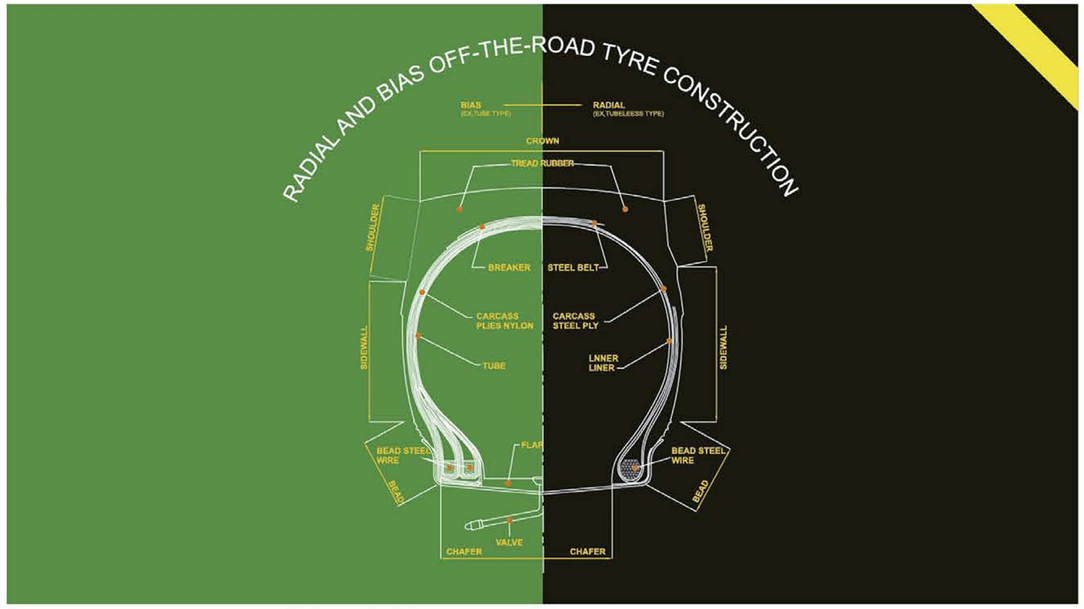

Tread
As the outermost coverage of the tyre and also the tyre contact area with the road surface, tread is designed to protect the tyre body from cuts and wear. Due to the different applications, the tread compound may customize between the different heat resistance, cut resistance and other properties. Also, the different tread pattern design may affect the tyre performance greatly.

Breaker
The breaker is rubberized cord which locates between the tread and carcass, and binding the two together. The breaker can prevent the penetration from the tread to the carcass, absorb the shock to the tyre and re-enhance the adhesion between the tread and carcass.

Carcass
As the frame structure of the tyre, carcass is also from rubberized cord or steel wire. Carcass can support the tyre to be inflated with air, then, afford the load to the tyre, and it is also flexible enough to absorb the shocks.

Bead
With rubber-coated steel wire, beads fit the tyre to the rim firmly to support the safety load and avoid air leakage.

Inner Liner
The inner chamber wall of the tyres are with inner liner compound. It is more important for tubeless tyre, as tubeless tyre inner liner requires air-impermeable compound, this can keep the tubeless tyre to be free from tube and flap.

Sidewall
Composed with flexible and crack-resistant compound, sidewall can greatly protect the carcass from cut and further damage. But for tough chunking, rocky and chipping applications, reinforced sidewall tyre is preferred.

OFF-THE-ROAD TYRES EXPLANATION OF TYRE DESIGNATION

TYRE SIZE DESIGNATION

LOAD IDENTIFICATION

14.00			-	24	NHS	28PR	
37.00			R	57			★ ★
45	/	65	-	45		58PR	

RIM DIAMETER CODE

PLY RATING

LOAD SYMBOL

CONSTRUCTION CODE; "R"-RADIAL, "-"-DIAGONAL

NOMINAL ASPECT RATIO

NOMINAL SECTION WIDTH (inches)

SUFFIX DESIGNATION:
NHS - Not For Highway service.
K - Compactor tyre for use on 5° drop center or semi-drop center rims having bead seats with nominal minus .032" diameter.
TG - Tractor Grader tyres - Not For Highway service.

EXMILE TYRE

LOAD INDEX

The LOAD INDEX is an international number code associated with the maximum load a tyre can carry at the speed indicated by its Speed Symbol under service specified conditions

LI	kg	LI	kg	LI	kg	LI	kg	LI	kg	LI	kg
0	45	50	190	100	800	150	3350	200	14000	250	60000
1	46.2	51	195	101	825	151	3450	201	14500	251	61500
2	47.5	52	200	102	850	152	3550	202	15000	252	63000
3	48.7	53	206	103	875	153	3650	203	15500	253	65000
4	50	54	212	104	900	154	3750	204	16000	254	67000
5	51.5	55	218	105	925	155	3875	205	16500	255	69000
6	53	56	224	106	950	156	4000	206	17000	256	71000
7	54.5	57	230	107	975	157	4125	207	17500	257	73000
8	56	58	236	108	1000	158	4250	208	18000	258	75000
9	58	59	243	109	1030	159	4375	209	18500	259	77500
10	60	60	250	110	1060	160	4500	210	19000	260	80000
11	61.5	61	257	111	1090	161	4625	211	19500	261	82500
12	63	62	265	112	1120	162	4750	212	20000	262	85000
13	65	63	272	113	1150	163	4875	213	20600	263	87500
14	67	64	280	114	1180	164	5000	214	21200	264	90000
15	69	65	290	115	1215	165	5150	215	21800	265	92500
16	71	66	300	116	1250	166	5300	216	22400	266	95000
17	73	67	307	117	1285	167	5450	217	23000	267	97500
18	75	68	315	118	1320	168	5600	218	23600	268	100000
19	77.5	69	325	119	1360	169	5800	219	24300	269	103000
20	80	70	335	120	1400	170	6000	220	25000	270	106000
21	82.5	71	345	121	1450	171	6150	221	25750	271	109000
22	85	72	355	122	1500	172	6300	222	26500	272	112000
23	87.5	73	365	123	1550	173	6500	223	27250	273	115000
24	90	74	375	124	1600	174	6700	224	28000	274	118000
25	92.5	75	387	125	1650	175	6900	225	29000	275	121000
26	95	76	400	126	1700	176	7100	226	30000	276	125000
27	97	77	412	127	1750	177	7300	227	30750	277	128000
28	100	78	425	128	1800	178	7500	228	31500	278	132500
29	103	79	437	129	1850	179	7750	229	32500	279	136000
30	106	80	450	130	1900	180	8000	230	33500		
31	109	81	462	131	1950	181	8250	231	34500		
32	112	82	475	132	2000	182	8500	232	35500		
33	115	83	487	133	2060	183	8750	233	36500		
34	118	84	500	134	2120	184	9000	234	37500		
35	121	85	515	135	2180	185	9250	235	38750		
36	125	86	530	136	2240	186	9500	236	40000		
37	128	87	545	137	2300	187	9750	237	41250		
38	132	88	560	138	2360	188	10000	238	42500		
39	136	89	580	139	2430	189	10300	239	43750		
40	140	90	600	140	2500	190	10600	240	45000		
41	145	91	615	141	2575	191	10900	241	46250		
42	150	92	630	142	2650	192	11200	242	47500		
43	155	93	650	143	2725	193	11500	243	48750		
44	160	94	670	144	2800	194	11800	244	50000		
45	165	95	690	145	2900	195	12150	245	51500		
46	170	96	710	146	3000	196	12500	246	53000		
47	175	97	730	147	3075	197	12850	247	54500		
48	180	98	750	148	3150	198	13200	248	56000		
49	185	99	775	149	3250	199	13600	249	58000		

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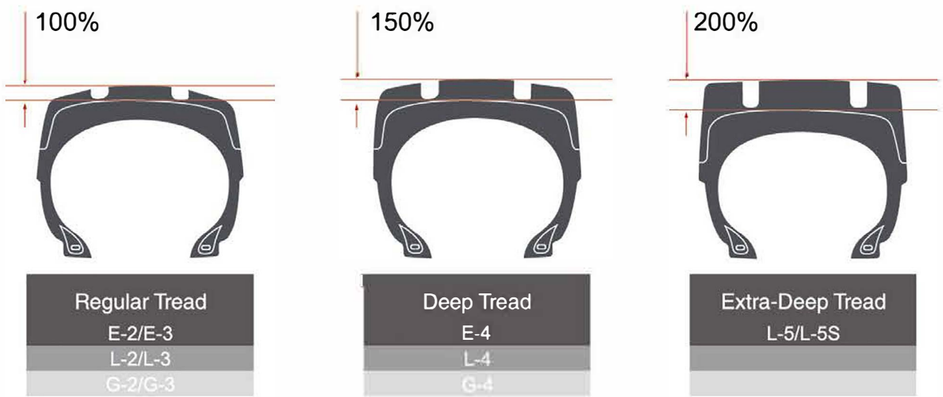
■ SPEED SYMBOL

The SPEED SYMBOL indicates the speed at which the tyre can carry a load corresponding to its load index service conditions specified by EXMILE.

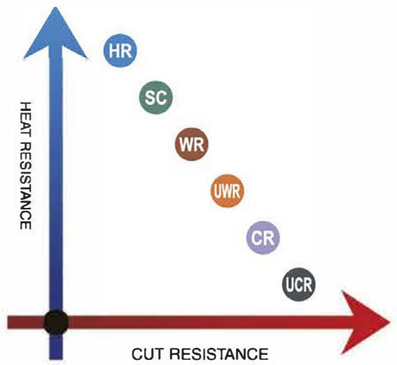
Speed Symbol	Speed (km/h)	Speed Symbol	Speed(km/h)
A1	5	B	50
A2	10	C	60
A3	15	D	65
A4	20	E	70
A5	25	F	80
A6	30	G	90
A7	35		
A8	40		

■ TREAD DEPTH DESIGN COMPARISON



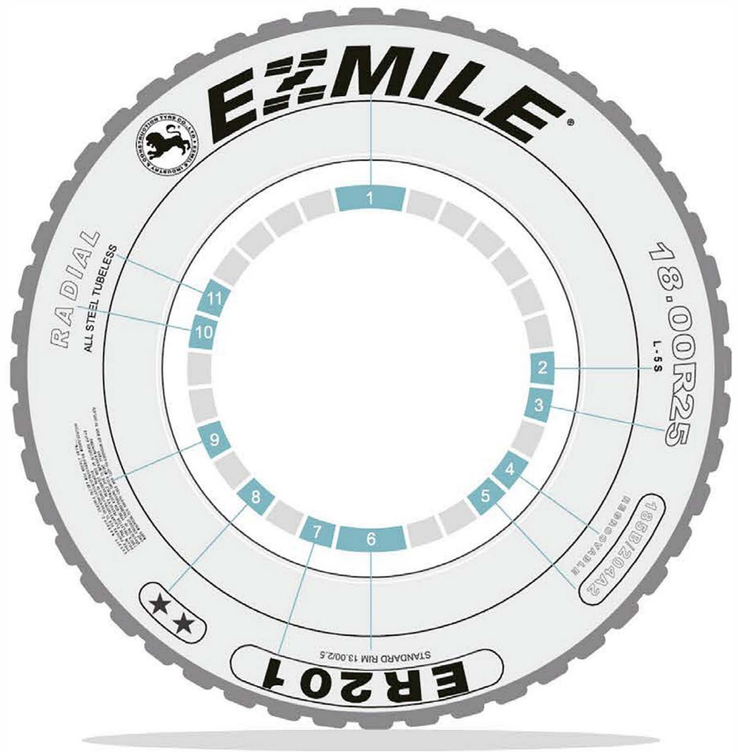
■ COMPOUND TYPE

- HR HEAT RESISTANCE
- SC STANDARD COMPOUND
- WR WEAR RESISTANCE
- UWR ULTRA WEAR RESISTANCE
- CR CUT RESISTANCE
- UCR ULTRA CUT RESISTANCE



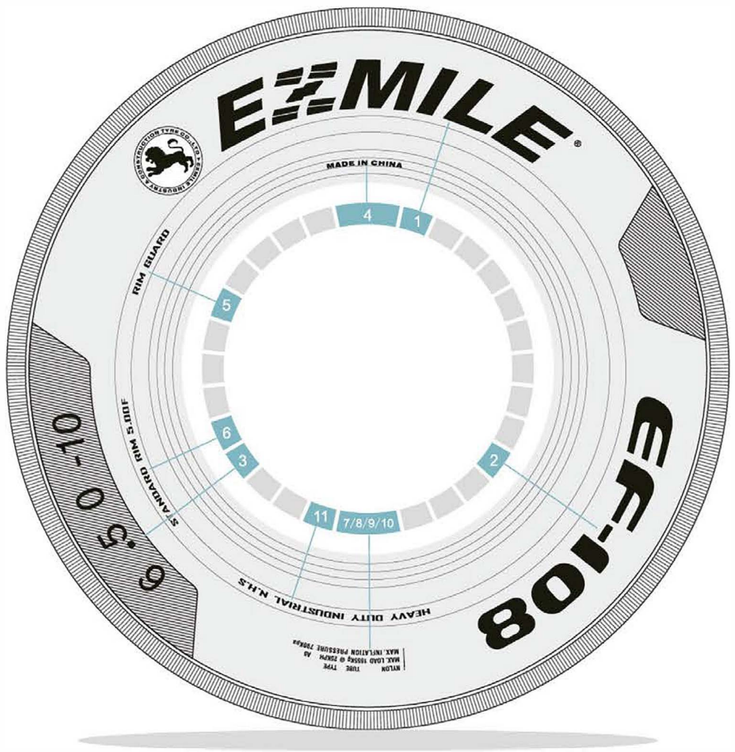
EXMILE TYRE

● SIDEWALL ENGRAVING EXPLANATION



1. EXMILE	Brand Name	7. ER201	EXMILE Tread Pattern Type
2. L-5S	Tread Pattern TRA Code	8. ★★	Star Rating
3. 18.00R25	Tyre Size	9. Safety Warning	Tyre Special Safety Warning
4. Regroovable	Regroovable Tread Design	10. Radial	Radial Construction
5. 185B/204A2	Load Index & Speed Symbol	11. All Steel Tubeless	Tubeless Tyre
6. Standard Rim 13.00/2.5	Recommended Rim Size		

● SIDEWALL ENGRAVING DESCRIPTION



1. EXMILE	Brand Name	8. Tube Type	Tubed Tyre
2. EF-108	Mould No.	9. Max.Load 1655kg @ 25KPH A5	Max Load
3. 6.5–10	Star Rating	10. Max.Inflation Pressure 790Kpa	Inflation Pressure
4. Made in China	Country of Origin	11. Heavy Duty Industrial N.H.S	Load Industrial Off Road Tyre
5. Rim Guard	Cut Resistance		
6. Standard Rim 5.00F	Standard Rim Size		
7. NYLON	Nylon body ply		

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SERIAL NUMBER EXPLANATION

SERIAL NUMBER FOR BIAS TYRE WITH RIM SIZE SMALLER THAN 29"(INCLUDE 29.5-29 L4)

1 1 0 5 2 1 0 0 4 0 3

110521	004	03
Production Date(YY/MM/DD)	Curing Press No.	Production Tyre No.

SERIAL NUMBER FOR BIAS TYRE WITH RIM SIZE LARGER THAN 29"(INCLUDE 29.5-29 L5S)

E 1 1 0 5 2 1 0 0 4 0 0 8 2

E	110521	004	0082
Construction Generation (C/D/E...)	Production Date (YY/MM/DD)	Curing Press No.	Production Tyre No.

SERIAL NUMBER FOR RADIAL OFF THE ROAD TYRES WITH RIM SIZE SMALLER THAN 33"(INCLUDE 33")

A 1 1 0 3 2 8 1 5 0 4

A	110328	15	04
Shift No.(A/B/C)	Production Date (YY/MM/DD)	Curing Press No.	Production Tyre No.

SERIAL NUMBER FOR RADIAL OFF THE ROAD TYRE WITH RIM SIZE LARGER THAN 33"

E A J 0 0 0 0 0 1

E	A	J	00	0001
Factory Code	Production Year	Production Month	Specifications	Production Tyre No.

TYRE ASPECT RATIO EXPLANATION

(TYRE SECTION HEIGHT/TYRE SECTION WIDTH)

Narrow Base

27.00 R 49 ☆☆

- ☆☆ → Star Rating
- 49 → Rim Diameter(inches)
- R → Radial Structure
- 27.00 → Section Width (inches)

Wide Base

33.25 R 35 ☆☆

- ☆☆ → Star Rating
- 35 → Rim Diameter(inches)
- R → Radial Structure
- 33.25 → Section Width(inches)

Super Wide Base

40/65-39 30PR

- 30PR → Ply Rating
- 39 → Rim Diameter(inches)
- 65 → Aspect Ratio 65 Series
- 40 → Section Width(inches)

170 E 385/ 95 R 24

- 24 → Rim Diameter(inches)
- R → Radial Structure
- 95 → Aspect Ratio 95 Series
- 385 → Section Width(mm)
- E → Speed Symbol
- 170 → Load Index

CLASSIFICATION OF EXMILE OFF-THE-ROAD TYRE

TYRE TYPE NOMENCLATURE		SERVICE/VEHICLE		EXMILE TREAD PATTERN		Maximum*	
TRA CODE NUMBER	TREAD TYPE			BIAS	RADIAL	Speed	Journey Distance
E EQUALS EARTHMOVING (HAULAGE) SERVICE							
E1	Rib Regular Tread	❶ Rigid Dump Truck ❷ Articulated Dump Truck ❸ Coal Hauler ❹ Scraper			ER104	65km(40mph)	4km(2.5mi.)
E2	Traction Regular Tread			EC102		65km(40mph)	4km(2.5mi.)
E3	Rock Regular Tread Tread			EC101/EC102/EM107 /EP209 EM111/EX-01/EC121	ER100 ER105 ER106 ER208	65km(40mph)	4km(2.5mi.)
E4	Rock Deep Tread			EC101/EM107 /EP108	ER101/ER108/ER206/ ER209/ER215/EM2/ER109/ ER110/SHGR-V1	65km(40mph)	4km(2.5mi.)
E7	Flotation Tread					65km(40mph)	4km(2.5mi.)
L EQUALS LOADER AND DOZER (SLOW SPEED) SERVICE							
L2	Traction Regular Tread	❶ Loader ❷ Dozer ❸ Shovels ❹ Shuttle Truck ❺ LHD(Load-Haul-Dump) Machine ❻ Span Carrier		EC103/EC104/ EC106/EC112/ EC312/ECR303/EXL-T2	ER221	10km/h(5mph)	76m(250ft.)
L3	Rock Regular Tread			ESK308/EC101/ EC121/EC102/EC104	ER208	10km/h(5mph)	76m(250ft.)
L4	Rock Deep Tread			EC102/EC101	ER215	10km/h(5mph)	76m(250ft.)
L5	Rock Extra Deep Tread			FLD-5/EM109/ SSR101/	ER102/ ER216	10km/h(5mph)	76m(250ft.)
L3S	Smooth Regular Tread					10km/h(5mph)	76m(250ft.)
L4S	Smooth Deep Tread					10km/h(5mph)	76m(250ft.)
L5S	Smooth Extra Deep Tread				ER103/ER201	10km/h(5mph)	76m(250ft.)
G EQUALS GRADER SERVICE							
G1	Rib Regular Tread	❶ Grader				40km/h(25mph)	Unlimited
G2	Traction Regular Tread			EC106/EC103/EXL-T2	ER221	40km/h(25mph)	Unlimited
G3	Rock Regular Tread			EC101/EC121	ER208	40km/h(25mph)	Unlimited
G4	Rock Deep Tread			EC101		40km/h(25mph)	Unlimited
C EQUALS COMPACTOR SERVICE							
C1	Smooth Tread	❶ Compactor ❷ Tyre-roller		SCC-1		10km/h(5mph)	Unlimited
C2	Grooved Tread					10km/h(5mph)	Unlimited
IND EQUALS INDUSTRIAL SERVICE							
IND3	Regular Tread	❶ Mechanical Handling Equipment ❷ Towing Tractors ❸ Mobile Crusher ❹ Aerial Work Platform		ESL-1/ESL-2/ESL-3/ESL-5/ ESL-6/SSM101/SSR101/ EF-107/EF-108/EP-108/EM111		----------	----------
IND4	Deep Tread					----------	----------
IND5	Extra Deep Tread					----------	----------
LS EQUALS LOGGING SERVICE							
LS		❶ Log-skidder				----------	----------
HIGH-SPEED SERVICE							
HIGH -SPEED SERVICE		❶ Mobile Crane			ER205/ER207	----------	----------
		❶ Mining & Logging Truck				----------	----------
MULTIPLE SERVICE							
4L I3		❶ MPT		EC312		----------	----------

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BIAS OTR TYRE

EC101

BIAS OTR TYRE E3/L3/G3 E4/L4/G4

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
16/70-20	10	EC101	E3/L3/G3	26	13(SDC)	TT	1075	410	4200	2400	325	250
	14	EC101	E3/L3/G3	26	13(SDC)	TT	1075	410	5150	2925	450	350
	18	EC101	E3/L3/G3	26	13(SDC)	TT	1075	410	5800	3350	550	450
17.5-25	8	EC101	E3/L3/G3	30	14.00/1.5	TL/TT	1345	445	4750	2800	225	150
	12	EC101	E3/L3/G3	30	14.00/1.5	TL/TT	1345	445	6150	3650	350	225
	16	EC101	E3/L3/G3	30	14.00/1.5	TL/TT	1345	445	7300	4250	475	300
	20	EC101	E3/L3/G3	30	14.00/1.5	TL/TT	1345	445	8250	5000	575	400
	22	EC101	E3/L3/G3	30	14.00/1.5	FF	1330	445	10000	- -	850	- -
	36	EC101	E3/L3/G3	30	14.00/1.5	FF	1330	435	1670	- -	1200	- -
20.5-25	16	EC101	E3/L3/G3	32	17.00/2.0	TL/TT	1490	520	8250	5450	350	275
	20	EC101	E3/L3/G3	32	17.00/2.0	TL/TT	1490	520	9500	6000	450	325
	24	EC101	E3/L3/G3	32	17.00/2.0	TL/TT	1490	520	10300	6700	525	400
	28	EC101	E3/L3/G3	32	17.00/2.0	TL/TT	1490	520	11500	7500	625	475
23.5-25	16	EC101	E3/L3/G3	36	19.50/2.5	TL/TT	1585	595	9500	6150	300	225
	20	EC101	E3/L3/G3	36	19.50/2.5	TL/TT	1585	595	10900	7300	375	300
	24	EC101	E3/L3/G3	36	19.50/2.5	TL/TT	1585	595	12500	8000	475	350
	28	EC101	E3/L3/G3	36	19.50/2.5	TL/TT	1585	595	13600	8750	550	400
26.5-25	16	EC101	E3/L3/G3	37	22.00/3.0	TL/TT	1750	675	11500	7300	275	200
	20	EC101	E3/L3/G3	37	22.00/3.0	TL/TT	1750	675	13200	8250	350	250
	24	EC101	E3/L3/G3	37	22.00/3.0	TL/TT	1750	675	14000	9250	400	300
	28	EC101	E3/L3/G3	37	22.00/3.0	TL/TT	1750	675	15500	10000	475	350
	32	EC101	E3/L3/G3	37	22.00/3.0	TL/TT	1750	675	17000	11200	550	425
29.5-25	16	EC101	E3/L3/G3	42	25.00/3.5	TL/TT	1875	750	12900	8000	250	175
	22	EC101	E3/L3/G3	42	25.00/3.5	TL/TT	1875	750	15000	100000	325	250
	28	EC101	E3/L3/G3	42	25.00/3.5	TL/TT	1875	750	17500	11500	425	325
	34	EC101	E3/L3/G3	42	25.00/3.5	TL/TT	1875	750	20000	13200	530	410
29.5-29	28	EC101	E4/L4/G4	61	25.00/3.5	TL/TT	1975	750	19000	12100	425	325
	34	EC101	E4/L4/G4	61	25.00/3.5	TL/TT	1975	750	21200	14000	525	400
	40	EC101	E4/L4/G4	61	25.00/3.5	TL/TT	1975	750	26000	15000	625	475
	42	EC101	E4/L4/G4	61	25.00/3.5	TL/TT	2023	750	26500	- -	750	- -
37.25-35	30	EC101	E3/L3/G3	53	31.00/4.0	TL/TT	2390	945	28000	17500	375	275
	36	EC101	E3/L3/G3	53	31.00/4.0	TL/TT	2390	945	30700	19500	450	325
	42	EC101	E3/L3/G3	53	31.00/4.0	TL/TT	2390	945	33500	21800	525	400

- For earthmover applications at lower speeds, for static loads and for industrial applications, please consult technical department.
- Non-directional tread pattern design supplies the excellent traction, land grip and chunking resistance performance.

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EC121

BIAS OTR TYRE FOR LOW COST

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
17.5-25	8	EC121	E3/L3/G3	25	14.00/1.5	TL/TT	1345	445	4750	2800	225	150
	12	EC121	E3/L3/G3	25	14.00/1.5	TL/TT	1345	445	6150	3650	350	225
	16	EC121	E3/L3/G3	25	14.00/1.5	TL/TT	1345	445	7300	4250	475	300
	20	EC121	E3/L3/G3	25	14.00/1.5	TL/TT	1345	445	8250	5000	575	400
23.5-25	16	EC121	E3/L3/G3	29	19.50/2.5	TL/TT	1585	595	9500	6150	300	225
	20	EC121	E3/L3/G3	29	19.50/2.5	TL/TT	1585	595	10900	7300	375	300

- For earthmover applications at lower speeds, for static loads and for industrial applications, please consult technical department.
- Non-directional tread pattern design supplies the excellent traction, land grip and chunking resistance performance.

EC103

BIAS OTR TYRE

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	0km/h	10km/h	0km/h
15.5-25	12	EC103	L2/G2	26	12.00/1.5	TL/TT	1265	421	5600	8960	400	400
	16	EC103	L2/G2	26	12.00/1.5	TL/TT	1265	421	6900	11040	650	650
17.5-25	12	EC103	L2/G2	28	14.00/1.5	TL/TT	1350	465	4750	--	225	--
	22	EC103	L2/G2	28	14.00/1.5	TL/TT	1350	465	8950	9300	650	650

- For dump truck, loader and industial vehicles.
- Strong carcass construction provides extra load capacity.
- Aggressive tread design supplies excellent abrasion , cutting and chunking resistance.

EC102

BIAS OTR TYRE

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
14.00-24	20	EC102	L3	33	10.0	TL/TT	1370	375	8500	4625	700	475
	24	EC102	L3	33	10.0	TL/TT	1370	375	9500	5150	850	575
	28	EC102	L3	33	10.0	TL/TT	1370	375	10000	5600	925	650
	32	EC102	L3	33	10.0	TL/TT	1370	375	10500	6050	1000	740

- For dump truck, loader and industial vehicles.
- Strong carcass construction provides extra load capacity.
- Aggressive tread design supplies excellent abrasion , cutting and chunking resistance.

EC104

BIAS OTR TYRE

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	0km/h	10km/h	0km/h
15.5-25	12	EC104	L2	26	12.00/1.5	TL/FF	1270	421	5600	8960	400	400
	16	EC104	L2	26	12.00/1.5	TL/FF	1270	421	6900	11040	650	650
	18	EC104	L3	26	12.00/1.5	TL/FF	1270	421	7500	12000	750	750

- For dump truck, loader and industial vehicles.
- Strong carcass construction provides extra load capacity.
- Aggressive tread design supplies excellent abrasion , cutting and chunking resistance.

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EC105

BIAS OTR TYRE R4

Backhoe Loader | Loader&Dozer | Telehandler | Terrain Forklift

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed Sybol	Inflation Pressure (kPa)	Maximum Load Versus Speed(kg)					
		Type	TRA Code				OD	SW			0km/h	15km/h	25km/h	30km/h	40km/h	50km/h
12.5/80-18 (IMP)	12	EC105	R4	28	W9x18(11x18)	TL/TT	958	322	A6	370	4375	3205	2835	2650	2385	-
16.9-24 (IND)	8	EC105	R4	26	W15Lx24 (W14Lx24)	TL/TT	1351	464	A8	190	6095	3550	2940	2835	2650	2410
	10	EC105	R4	26		TL/TT	1351	464	A8	220	6900	4040	3330	3210	3000	2730
	12	EC105	R4	26		TL/TT	1351	464	A8	260	7475	4355	3610	3480	3250	2960
17.5L-24 (IND)	6	EC105	R4	29	W15Lx24 (W14Lx24)	TL/TT	1278	480	A8	140	4600	2680	2220	2140	2000	1820
	8	EC105	R4	29		TL/TT	1278	480	A8	170	5590	3255	2695	2600	2430	2210
	10	EC105	R4	29		TL/TT	1278	480	A8	220	6440	3750	3110	2995	2800	2550
	12	EC105	R4	29		TL/TT	1278	480	A8	260	7475	4355	3610	3480	3250	2960
19.5L-24 (IND)	8	EC105	R4	27	W16Lx24 (DA16A, W15Lx24)	TL/TT	1356	535	A8	170	6270	3650	3025	2915	2725	2480
	10	EC105	R4	27		TL/TT	1356	535	A8	190	7075	4120	3415	3290	3075	2800
	12	EC105	R4	27		TL/TT	1356	535	A8	230	7935	4625	3830	3690	3450	3140
	14	EC105	R4	27		TL/TT	1356	535	A8	260	8915	5195	4300	4145	3875	3525
21L-24 (IND)	10	EC105	R4	37	W18Lx24 (W18x24, DW18Ax24)	TL/TT	1424	576	A8	180	7705	4490	3720	3585	3350	3050
	12	EC105	R4	37		TL/TT	1424	576	A8	220	8915	5195	4300	4145	3875	3525
	16	EC105	R4	37		TL/TT	1424	576	A8	280	10350	6030	4995	4815	4500	4095
18.4-26 (IND)	12	EC105	R4	27	W16Lx26 (DW16A,W15Lx26)	TL/TT	1523	505	A8	250	9200	5360	4440	4280	4000	3640
16.9-28 (IND)	12	EC105	R4	32	W15Lx28 (W14Lx28)	TL/TT	1452	464	A8	260	8165	4755	3940	3800	3550	3230

- For Load and Inflation Pressure on agricultural tractors, please consult the technical department.
- For tractor steer wheels, load is 80% of free rolling load.
- For 12.5/80-18, the load capacity and inflation pressure is for free rolling application.

EC106

BIAS OTR TYRE L2/G2

Grader | Loader&Dozer | Telehandler

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		speed symbol
		Type	TRA Code				OD	SW	
13.00-24 (TG)	10	EC106	L2/G2	28	8.00TG (10.00VA,9.00DC)	TL/FF	1260	366	A8/A2
	12	EC106	L2/G2	28		TL/FF	1260	366	A8/A2
	14	EC106	L2/G2	28	8.00TG(10.00VA)	TL/FF	1260	366	A8/A2
	16	EC106	L2/G2	28	10.00VA	TL/FF	1260	366	A8/A2
14.00-24 (TG)	12	EC106	L2/G2	28	8.00TG	TL/FF	1370	398	A8/A2
	14	EC106	L2/G2	28	8.00TG	TL/FF	1370	398	A8/A2
	16	EC106	L2/G2	28	10.00VA	TL/FF	1370	398	A8/A2
330/85-28 (13.00-28)	12	EC106	L2/G2	28	W10.00	TL/FF	1272	340	A8/A2
360/85-28 (14.00-28)	12	EC106	L2/G2	28	W10.00	TL/FF	1330	360	A8/A2

OFF-THE-ROAD TRACTOR AND GRADER SERVICE(TG G2 FOR MAX 40KM/H SPEED, DISTANCE UNLIMITED)

Tyre Size	Load Limits At Cold Inflation Pressures										
	kPa	125	150	175	200	225	250	275	300	325	350
13.00-24	kg	1700	1900	2060	2240	2360(10)	2500	2650	2725(12)	2800(14)	2900(16)
14.00-24	kg	2060	2300	2500	2650	2800	3075(12)	3250	3450(14)	3550	3650(16)

OFF-THE-ROAD SLOW SPEED SERVICE(TG L2 FOR MAX 10KM/H SPEED, JOURNEY DISTANCE 76M)

Tyre Size	Load Limits At Cold Inflation Pressures												
	kPa	325	350	375	400	425	450	475	500	525	550	575	600
13.00-24	kg	4500	4750	5000(10)	5150	5300	5600(12)	5600	5800	6000(14)	6150	6300	6500(16)
14.00-24	kg	5450	5600	6000	6150	6500(12)	6600	6700(14)	6900	7100	7300(16)	-	-

OFF-THE-ROAD TELEHANDLER SERVICE

Tyre Size	Load Limits At Cold Inflation Pressures												
330/85-28 (13.00-28)	kPa	325	350	390	400	450	475	500	560	600	-	-	-
	kg	3875	4125	4450	4500	5000	5100	5300(12)	5600	6000(14)	-	-	-
360/85-28 (14.00-28)	kPa	375	400	425	450	475	500	525	550	-	-	-	-
	kg	5450	5600	6000	6150	6300	6500(12)	7000(14)	7300(16)	-	-	-	-

- For maintenance work on established highways, inflation pressures may be increased 50% if desired with no increase in loads.
- Foam filled tyre available.

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EC112

BIAS OTR TYRE L2

Loader&Dozer | Mini Dumper

Tyre Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)
		Type	TRA Code			OD	SW	8km/h	10km/h	
8.25-16	14	EC112	L2	6.50H	TT	845	240		750	250
12.00-16	12	EC112	L2	8.0H	TT	880	259	–	1600	280
14/90-16	12	EC112	L2	8.50H	TT	910	300	–	1600	280
16/70-16	10	EC112	L2	10.00G	TT	935	345	–	1600	280
20.5/70-16	10	EC112	L2	10.00G	TT	935	345	–	1600	280

- Apply to construction and mine area.
- Extra wide tread and big tread pattern block design, provide excellent anti-puncture and tract performance.
- Anti-aging formula to provide long servicing life.

EC312

BIAS MPT TYRE 4L I3

Mechanical Handling Equipment | Backhoe Loader | Mini Dumper | Off-road forklift | Teleheander Multi Purpose Vehicles

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Application	Maximum Tyre Load(kg)							
										Inflation Pressure (kPa)	On Other Vehicles at Maximum Speed				Inflation Pressure (kPa)	On Forklift at 25km/h	
		Type	TRA Code				OD	SW			Static	10	25	60		Load Wheel	Steer Wheel
10.0/75-15.3	12	EC312	4L I3	20	9.00	TL/TT	797	264	Drive	--	--	--	--	--	470	1750	--
12.5/80-18	12	EC312	4L I3	28	9.00	TL/TT	958	305	Drive	--	--	--	--	--	370	2240	–
405/70-20	12	EC312	4L I3	26	13X20(13SDC)	TL/TT	1100	435	Free	300	5695	4830	4105	3105	475	–	–
									Drive	300	5695	3400	2890	2185	475	--	--
	14	EC312	4L I3	26	13X20(13SDC)	TL/TT	1100	435	Free	350	6190	5250	4465	3375	550	–	–
									Drive	350	6190	3710	3155	2385	550	4000	–

- MPT tyre can be applied multi road condition.For the application details, please consult technical department.
- Designed in wide wall, protected carcass like an iron rampart.
- Extra wide tread profile for better cut and wear resistance performance.
- Anti-aging formula provide long service life.
- Multi tread pattern grooves provide excellent traction performance.

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EM111

BIAS OTR TYRE E3/IND3

Loader&Dozer | Articulated Dump Truck | Rigid Dump Truck | Mechanical Handling Equipment

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
16.00-25	24	EM111	E3/IND3	37	11.25/2.0	TL/TT	1490	450	10600	6000	650	475
	28	EM111	E3/IND3	37	11.25/2.0	TL/TT	1490	450	11500	6700	750	575
	32	EM111	E3/IND3	37	11.25/2.0	TL/TT	1490	450	12500	7300	875	650
	36	EM111	E3/IND3	37	11.25/2.0	TL/TT	1490	450	13600	7750	975	725
18.00-25	24	EM111	E3/IND3	41	13.00/2.5	TL/TT	1615	495	12500	7300	550	425
	28	EM111	E3/IND3	41	13.00/2.5	TL/TT	1615	495	13600	8000	650	500
	32	EM111	E3/IND3	41	13.00/2.5	TL/TT	1615	495	15000	8750	750	575
	36	EM111	E3/IND3	41	13.00/2.5	TL/TT	1615	495	16000	9250	850	625
	40	EM111	E3/IND3	41	13.00/2.5	TL/TT	1615	495	17000	9750	950	700
21.00-25	24	EM111	E3/IND3	42	15.00/3.0	TL/TT	1750	635	15000	8750	500	375
	28	EM111	E3/IND3	42	15.00/3.0	TL/TT	1750	635	16500	9500	575	425
	32	EM111	E3/IND3	42	15.00/3.0	TL/TT	1750	635	17500	10300	650	500
	36	EM111	E3/IND3	42	15.00/3.0	TL/TT	1750	635	18600	-	725	-
	40	EM111	E3/IND3	42	15.00/3.0	TL/TT	1750	635	20600	-	825	-

- Designed super strength carcass, provide high-load operation protection in all-weather.
- Designed wide wall, protected carcass like an iron rampart.
- Extra wide tread profile and big block tread pattern design, provide the excellent anti-puncture and tract performance.
- Anti-aging formula provide long wear life.

SCC-1

BIAS OTR TYRE

TYRE-ROLLER

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
11.00-20	16	SCC-1	C1	24	8.0	TT	1070	290	5450	–	725	–

- Smooth tread is specially designed for road roller application.
- Wide tread provides better cutting, weariness, cutting resistance and also longer life.
- Special compound against heating-up and provide oil resistance.

ECR 303

STEER BELTS OTR TYRE L2

Loader&Dozer | Articulated Dump Truck

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed	Speed versus Pressure Inflation (kPa)	Steer Belts
		Type	TRA Code				OD	SW	10km/h		
14/90R16	16	ECR303	L2	14	8.5	TT	850	300	2000	320	Single Steer Belts
	18	ECR303	L2	14	8.5	TT	850	300	2000	320	Dual Steer Belts
L20.5/70R16	16	ECR303	L2	14	10.00(8.5)	TT	850	300	2000	320	Single Steer Belts
	18	ECR303	L2	14	10.00(8.5)	TT	850	300	2000	320	Dual Steer Belts
20.5/70R16	16	ECR303	L2	14	10.00	TT	930	345	2550	320	Single Steer Belts
	18	ECR303	L2	14	10.00	TT	930	345	2550	320	Dual Steer Belts
16/70R16	16	ECR303	L2	14	10.00	TT	930	345	2550	320	Single Steer Belts
	18	ECR303	L2	14	10.00	TT	930	345	2550	320	Dual Steer Belts
16/70R20	16	ECR303	L2	23	13	TT	1075	410	3350	450	Single Steer Belts
	18	ECR303	L2	23	13	TT	1075	410	3350	450	Dual Steer Belts

- Apply to construction and mine area.
- Extra wide tread and hig tread pattern block design, provide excellent anti-puncture and tract performance.
- Anti-aging formula to provide long service life.
- Building with high strenth steer belts in the crown pefect more excellent anti-puncture, low rolling resistance, low carbon and long wearing life .

EX-01

BIAS OTR TYRE E3

Loader&Dozer | Articulated Dump Truck | Mechanical Handling Equipment, Towing Tractors Mobile Crusher

Tyre Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code			OD	SW	10km/h	50km/h	10km/h	50km/h
14.00-24	24	EX-01	E3	10.00	TT	1368	386	9500	5150	850	575
	28	EX-01	E3	10.00	TT	1368	386	10000	5600	925	650
13.00-25	28	EX-01	E3	8.5	TT	1309	336	9000	4600	975	700
	32	EX-01	E3	9.0	TT	1309	336	10300	5300	1000	800
14.00-25	28	EX-01	E3	10.00	TT	1370	375	10000	5600	925	650
	36	EX-01	E3	10.00	TT	1370	375	12850	7200	1150	835
		EX-01	E3	10.00	TT	1370	375	12850	7200	1200	850

- Designed in super strength carcass, provide high-load operation protection in all-weather.
- Extra wide tread profile and big block tread pattern design, supply the excellent anti-puncture and tract performance.
- Anti-aging formula to provide long wear life.

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EX-02

BIAS OTR TYRE E3

Loader&Dozer | Articulated Dump Truck | Mechanical Handling Equipment, Towing Tractors Mobile Crusher

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
9.00-20	14	EX-02	E3	28	7.00	TT	1021	260	4000	- -	700	- -
	16	EX-02	E3	28	7.00	TT	1021	260	4000	- -	760	- -
	18	EX-02	E3	28	7.00	TT	1021	260	4000	- -	840	- -

- Designed in super strength carcass, provide high-load operation protection in all-weather.
- Extra wide tread profile and big block tread pattern design, supply the excellent anti-puncture and tract performance.
- Anti-aging formula to provide long wear life.

EXL-T2

BIAS OTR TYRE

Grader | Loader&Dozer | Telehandler

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflation Dimensions (mm)		Speed Symbol
		Type	TRA Code				OD	SW	
330/85-28 (13.00-28)	12	EXL-T2	L2/G2	28	DW10.00	TL/FF	1272	340	A8/A2
360/85-28 (14.00-28)	12	EXL-T2	L2/G2	28	DW10.00	TL/FF	1330	360	A8/A2

13.00-28-14 EXL-T2	Load Limits [KG] at cold inflation Pressures (bar(PSI)						
	3.5	4	4.25	4.5	5	5.6	6.0
	(50.8)	(58.0)	(62.0)	(65.3)	(72.5)	(81.2)	(87.1)
SPEED 40 KM/H (25MPH) For Grader service	2360	2725	2900	--	--	--	--
SPEED 10 KM/H (6 MPH) For Telehandler Service	4500	4750	5000	5300	5500	5800	6000
SPEED 0 KM/H (0 MPH)	5000	5300	5600	5800	6150	6500	6700

14.00-28-16 EXL-T2	Load Limits [KG] at cold inflation Pressures (bar(PSI)						
	4.75	5.00	5.25	5.50	6.00	6.50	7.00
	(69.0)	(72.6)	(76.2)	(79.8)	(87.1)	(94.4)	(101.5)
SPEED 40 KM/H (25MPH) For Grader service	3350	3550	3750	--	--	--	--
SPEED 10 KM/H (6 MPH) For Telehandler Service	6500	6700	6900	7100	7300	7600	7900
SPEED 0 KM/H (0 MPH)	6900	7100	7300	7500	7700	7900	8100

- For maintenance work on established highways, inflation pressures may be increased 50% if desired with no increase in loads.
- Can be used by foam filled.
- Suport Gray no mark （GNM） tire.

BIAS & RADIAL INDUSTRIAL TYRE

EF107

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Flap	Tyre Dimensions Max in Service(mm)		Inflation Pressure (kPa)	Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
							OD	SW		Drive Wheel	Steer Wheel	Drive Wheel	Steer Wheel
5.00-8	8	EF107	10	3.00D	5.00-8	5.00-8	476	143	825	1235	950	1190	885
	10	EF107	10	3.00D	5.00-8	5.00-8	476	143	1000	1415	1090	1365	1015
6.00-9	10	EF107	12	4.00E	6.00-9	6.00-9	540	160	860	1505	1275	1400	1120
	12	EF107	12	4.00E	6.00-9	6.00-9	540	160	1030	1675	1415	1560	1245
7.00-9	10	EF107	13.5	5.00S	7.00-9	7.00-9	590	190	860	1995	1685	1850	1480
6.50-10	10	EF107	13	5.00F	6.50-10	6.50-10	590	175	775	1950	1500	1875	1395
	12	EF107	13	5.00F	6.50-10	6.50-10	590	175	900	2145	1650	2065	1535
	14	EF107	13	5.00F	6.50-10	6.50-10	590	175	1000	2340	1800	2250	1675
7.00-12	12	EF107	14	5.00S	7.00-12	7.00-12	676	190	860	2680	2060	2575	1915
	14	EF107	14	5.00S	7.00-12	7.00-12	685	207	900	2755	2120	2650	1970
8.25-12	12	EF107	16	5.00S	8.25-12	8.25-12	735	216	720	3060	2585	2840	2270
28x9-15 (8.15-15) (225/70-15)	12	EF107	10	7.0	700/750/815-15	8.15/250/300-15	706	220	830	2790	2355	2590	2070
	14	EF107	10	7.0	700/750/815-15	8.15/250/300-15	706	220	970	3050	2575	2835	2265
	16	EF107	10	7.0	700/750/815-15	8.15/250/300-15	706	220	1000	3115	2630	2895	2310
8.25-15	14	EF107	14	6.5	8.25-15	7.00/7.50/8.25-15	853	253	800	4225	3250	4065	3025
	16	EF107	14	6.5	8.25-15	7.00/7.50/8.25-15	853	253	925	4615	3550	4440	3300

- Natural rubber compound limits heating-up.
- Popular tread design, full ply construction and thick sidewalls.
- perfect combination of quality and value.

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EF108

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Flap	Tyre Dimensions Max in Service(mm) OD	SW	Inflation Pressure (kPa)	Max Load(kg) versus Speed Drive Wheel	Steer Wheel	Speed versus Inflation Pressure(kPa) Drive Wheel	Steer Wheel
5.00-8	8	EF108	12	3.50D	5.00-8	5.00-8	470	137	790	1000	845	930	745
	10	EF108	12	3.50D	5.00-8	5.00-8	470	137	1000	1150	970	1065	850
6.00-9	10	EF108	13	4.00E	6.00-9	6.00-9	540	160	860	1505	1275	1400	1120
	12	EF108	13	4.00E	6.00-9	6.00-9	540	160	1030	1675	1415	1560	1245
6.50-10	10	EF108	14	5.00F	6.50-10	6.50-10	590	175	790	1655	1400	1540	1230
	12	EF108	14	5.00F	6.50-10	6.50-10	590	175	970	1860	1570	1725	1380
	14	EF108	14	5.00F	6.50-10	6.50-10	590	175	1000	2340	1800	2250	1675
7.00-12	12	EF108	15	5.00S	7.00-12	7.00-12	676	190	860	2375	2005	2205	1765
250-15 (250/75-15)	16	EF108	19	7.5	250-15	28X9-15	735	250	930	3865	3265	3500	2870
	18	EF108	19	7.5	250-15	28X9-15	735	250	1030	4110	3470	3820	3050
28X9-15	12	EF108	17	7.0	28X9-15	28X9-15	710	220	830	2790	2355	2590	2070
	14	EF108	17	7.0	28X9-15	28X9-15	710	220	970	3050	2575	2835	2265
	16	EF108	17	7.0	28X9-15	28X9-15	710	220	1000	3115	2630	2895	2310
8.25-15	14	EF108	20	6.5	8.25-15	7.00/7.5/8.25-15	840	235	830	3775	3185	3505	2800
300-15	18	EF108	26	8.0	300-15	8.15/250/300-15	840	300	830	5530	4670	5135	4105

- ◆ Traditional tread design, long lasting bias tyre pattern.
- ◆ Superior and latest construction techniques with first quality nylon and natural rubber, for most arduous application.
- ◆ deeper tread pattern provide better wear performance.

EF208

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Flap	Tyre Dimensions Max in Service(mm) OD	SW	Inflation Pressure (kPa)	Max Load(kg) versus Speed Drive Wheel	Steer Wheel	Speed versus Inflation Pressure(kPa) Drive Wheel	Steer Wheel
7.50-16	12	EF208	26	6.00G	TT		805	215	790	3545	2700	2970	2370
	14	EF208	26	6.00G	TT		805	215	900	3870	2865	3465	2765
8.25-15	14	EF208	28	6.5	TT		840	235	830	3775	3185	3505	2800
	16	EF208	28	6.5	TT		840	235	900	4470	3450	3600	3010

- ◆ Traditional tread design, long lasting bias tyre pattern.
- ◆ Superior and latest construction techniques with first quality nylon and natural rubber, for most arduous application.
- ◆ deeper tread pattern provide better wear performance.

SSM101

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment, Towing Tractors Mobile Crusher | Backhoe Loader | Aerial Work Platform | Skid-steer&Mini-Loader

Tyre Size	PR	Tread Pattern	Rim Size	Tube Type	Inflated Dimensions (mm) OD	SW	Speed(km/h)VS Load Capacity(Kg) Static	Creep	10	15	20	Pressure (kPa)
315/55D20	12	SSM101	20X11	FF	848	319	4380	4000	3560	3150	3025	560
355/55D625	14	SSM101	24.5X11.75	FF	936	360	5000	3455	3100	3000	2781	520
	16	SSM101	24.5X11.75	FF	936	360	7000	4800	4375	4255	4015	700
18-625	16	SSM101	24.5X15	FF	1033	450	8000	7100	6900	5500	5300	700
445/65-22.5	18	SSM101	22.5X13.0	FF	1180	445	10900	9000	8250	8000	7600	800
445/50D710	18	SSM101	28X15	FF	1210	450	9750	8750	7100	6150	5600	750
	20	SSM101	28X15	FF	1227	450	10750	9000	8000	7100	6500	1000
445/55-25	28	SSM101	28X13/2.0	FF	1210	450	16500	13000	12000	11000	10000	1200

- ◆ Specially designed super strength carcass, enables high load operation in all seasons.
- ◆ Specially designed wider sidewall protects carcass like an iron rampart.
- ◆ Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- ◆ Anti-aging formula guarantees longer service life.
- ◆ Foam filled tyre provides higher safety and stability with worry-free performance.
- ◆ Grey non-marking tyre available.

ESL-1

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment, Towing Tractors Mobile Crusher | Skid-steer&Mini-Loader | Backhoe Loader | Aerial Work Platform

Tyre Size	PR	Tread Pattern	Rim Size	Tube Type	Inflated Dimensions (mm) OD	SW	Speed(km/h)VS Load Capacity(Kg) Static	Creep	10	15	20	Pressure (kPa)
IN240/55D17.5	12	ESL-1	17.5x6.75	FF	731	225	3900	2800	2500	2180	2050	735

- ◆ Specially designed super strength carcass, enables high load operation in all seasons.
- ◆ Specially designed wider sidewall protects carcass like an iron rampart.
- ◆ Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- ◆ Anti-aging formula guarantees longer service life.
- ◆ Foam filled tyre provides higher safety and stability with worry-free performance.
- ◆ Grey non-marking tyre available.

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ESL-2

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment, Towing Tractors Mobile Crusher | Skid-steer&Mini-Loader | Backhoe Loader | Aerial Work Platform | Off-road forklift

Tyre Size	PR	Tread Pattern	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)
					OD	SW	Static	Creep	10	15	20	
15-625	16	ESL-2	24.5x13.00	FF	1015	384	8560	6000	5300	4125	4000	725
355/55D625	14	ESL-2	24.5x11.75	FF	936	360	5000	3450	3100	3000	2900	520
	16	ESL-2	24.5x11.75	FF	936	360	7600	4800	4375	4255	4000	700

- Specially designed super strength carcass, enables high load operation in all seasons.
- Specially designed wider sidewall protects carcass like an iron rampart.
- Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- Anti-aging formula guarantees longer service life.
- Foam filled tyre provides higher safety and stability with worry-free performance.
- Grey non-marking tyre available.

ESL-3

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment, Towing Tractors Mobile Crusher | Skid-steer&Mini-Loader | Backhoe Loader | Aerial Work Platform | Off-road forklift

Tyre Size	PR	Tread Pattern	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)
					OD	SW	Static	Creep	10	15	20	
315/55D20	12	ESL-3	20x11	FF	835	317	4380	4000	3560	3150	3025	560
	18	ESL-3	20x11	FF	835	317	6500	4000	3560	3150	3025	560
355/55D625	14	ESL-3	24.5x11.75	FF	936	360	5000	3450	3100	3000	2900	520
385/45-28	16	ESL-3	28X13	FF	1082	376	7100	6500	6000	5600	4875	750
	18	ESL-3	28X13	FF	1082	376	8750	8500	6900	6300	5450	1000
445/50D710	18	ESL-3	28X15	FF	1210	450	9750	8750	7100	6150	5600	750
	20	ESL-3	28X15	FF	1227	450	10750	9000	8000	7100	6500	1000

- Specially designed super strength carcass, enables high load operation in all seasons.
- Specially designed wider sidewall protects carcass like an iron rampart.
- Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- Anti-aging formula guarantees longer service life.
- Foam filled tyre provides higher safety and stability with worry-free performance.
- Grey non-marking tyre available.

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ESL-5

★ Low Rolling Resistance ★ Special for Battery Vehicles

BIAS INDUSTRIAL TYRE

Mechanical Handling Equipment, Towing Tractors Mobile Crusher | Aerial Work Platform | Battery Vehicles | Battery Forklift

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)						Pressure (kPa)
						OD	SW	Static	Creep	10	15	20	25	
16X6-8	16	ESL-5	9	4.33R	TT	425	152	1985	1890	1790	1690	1590	1495	1000
18X7-8	14	ESL-5	9.5	4.33R	TT	462	159	2000	1900	1800	1700	1600	1505	970
	16	ESL-5	9.5	4.33R	TT	462	159	2250	2140	2030	1915	1800	1695	1000
21X8-9	14	ESL-5	11.5	6.00E	TT	535	200	2725	2575	2430	2300	2180	2040	1000
23X9-10	14	ESL-5	13	6.50F	TT	588	222	3430	3260	3090	2920	2750	2585	900
	18	ESL-5	13	6.50F	TT	588	222	4200	3990	3780	3570	3360	3160	1100
9-14.5	12	ESL-5	10	14.5X7MH	TL/FF	711	237	3640	3145	2800	1525	1485	--	700

- Multi circumferential grooves together with horizontal blocks on the shoulder provide excellent performance in low rolling resistance, traction, self-cleaning, grip on the wet and skid resistance.
- Specially designed super strength carcass, enables high load operation in all seasons.
- Specially designed wider sidewall protects carcass like an iron rampart.
- Anti-aging formula guarantees longer service life.
- Mainly for electric vehicles.
- Foam filled tyre provides higher safety and stability with worry-free performance.
- Grey non-marking tyre available.

ESL-6

BIAS INDUSTRIAL TYRE

Skid-steer&Mini-Loader | Backhoe Loader | Aerial Work Platform | Off-road forklift

Tyre Size	PR	Tread Pattern	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)
					OD	SW	Static	Creep	10	15	20	
26X12-16.5	10	ESL-6	16.5x9.75	TL/FF	658	275	2580	1650	1600	1290	1240	400
	14	ESL-6	16.5x9.75	TL/FF	658	275	3000	2060	2000	1630	1550	600

- Specially designed super strength carcass, enables high load operation in all seasons.
- Specially designed wider sidewall protects carcass like an iron rampart.
- Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- Anti-aging formula guarantees longer service life.
- Foam filled tyre provides higher safety and stability with worry-free performance.
- Grey non-marking tyre available.

EP108

BIAS INDUSTRIAL TYRE IND3

Loader&Dozer | Articulated Dump Truck | Aerial Work Platform

Tyre Size	PR	Tread Pattern		Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code			OD	SW	10km/h	50km/h	10km/h	50km/h
36X12.5-20NHS	28	EP108	IND3	10.00/2.0	TL/FF	920	300	7000	- -	1000	- -
40X12.5-20NHS	28	EP108	IND3	10.00/2.0	TL/FF	1000	320	7900	- -	1000	- -

- Designed in super strength carcass, provide high-load operation protection in all-weather.
- Designed in wide wall, protected carcass like an iron rampart.
- Extra wide tread profile and big block tread pattern design, supply the excellent anti-puncture and tract performance.
- Anti-aging formula to provide long wear life.
- Infusion into the polyurethane solid tires, provide high safety and stability with worry-free performance.

RF208

All Steel Radial

RADIAL INDUSTRIAL PNEUMATIC TYRE

Mechanical Handling Equipment

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Inflation Pressure (kPa)	Max Load(kg) Versus 25km/h	Max Speed km/h
						OD	SW			
7.00R12	14	RF208	28	5.00S	TTF	670	190	1000	2240	35
8.25R15	16	RF208	32	6.5	TTF	838	232	1000	3650	35

- Excellentl tread pattern design and flat tread surface provide uniform wear.
- Special tread pattern compound & design provide the excellent wear resistance and long service life.
- Special sidewall design can protect the sidewall of tyre , providing excellent performance of cut resistance and impact resistance.

FLD-5

BIAS SKS TYRE

Backhoe Loader | Aerial Work Platform | Skid-steer&Mini-Loader | Off-road forklift

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)
						OD	SW	Static	Creep	10	15	20	
10-16. 5	10	FLD-5	42	16.5x8.25	TL/FF	785	267	3350	2360	2135	1900	1800	520
	12	FLD-5	42	16.5x8.25	TL/FF	785	267	3750	2430	2375	2180	2060	620
	14	FLD-5	42	16.5x8.25	TL/FF	785	267	4250	2780	2725	2500	2360	720
12-16. 5	10	FLD-5	43	16.5x9.75	TL/FF	855	320	4000	2545	2500	2010	1930	450
	12	FLD-5	43	16.5x9.75	TL/FF	855	320	4550	3310	2900	2430	2300	560
	14	FLD-5	43	16.5x9.75	TL/FF	855	320	4875	3550	3075	2800	2690	620

- Specially designed super strength carcass, enables high load operation in all seasons.
- Specially designed wider sidewall protects carcass like an iron rampart.
- Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- Anti-aging formula guarantees longer service life.
- Foam filled tyre provides higher safety and stability with worry-free performance.
- Grey non-marking tyre available.

ESK307

BIAS SKS TYRE

Backhoe Loader | Aerial Work Platform | Skid-steer&Mini-Loader | Off-road forklift

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)
						OD	SW	Static	Creep	10	15	20	
10-16. 5	8	ESK307	17	16.5X8.25	TL/FF	765	260	2960	1900	1875	1480	1420	420
	10	ESK307	17	16.5X8.25	TL/FF	765	260	3350	2360	2135	1900	1800	520
	12	ESK307	17	16.5X8.25	TL/FF	765	260	3750	2430	2375	2180	2060	620
12-16. 5	10	ESK307	18	16.5X9.75	TL/FF	825	307	4000	2545	2500	2010	1930	450
	12	ESK307	18	16.5X9.75	TL/FF	825	307	4550	3310	2900	2430	2300	550
	14	ESK307	18	16.5X9.75	TL/FF	825	307	4875	3550	3075	2800	2690	620

- Specially designed super strength carcass, enables high load operation in all seasons.
- Specially designed wider sidewall protects carcass like an iron rampart.
- Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- Anti-aging formula guarantees longer service life.
- Foam filled tyre provides higher safety and stability with worry-free performance.
- Grey non-marking tyre available.

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ESK308

BIAS SKS TYRE

Backhoe Loader | Aerial Work Platform | Skid-steer&Mini-Loader | Off-road forklift

Tyre Size	PR	Tread Pattern	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)
					OD	SW	Static	Creep	10	15	20	
23X8.50-12	6	ESK308	12X7JA	TL/FF	570	213	1300	950	820	780	620	340
27X10.5-15	8	ESK308	15X8LB	TL/FF	693	245	1830	1330	1160	920	875	410
	14	ESK308	15X8LB	TL/FF	695	245	3750	3545	2725	2160	2050	750
	16	ESK308	15X8LB	TL/FF	695	245	4000	3750	3150	2650	2575	1000
10-16.5	8	ESK308	16.5X8.25	TL/FF	763	272	2960	1900	1875	1480	1420	420
	10	ESK308	16.5X8.25	TL/FF	763	272	3350	2360	2135	1900	1800	525
	12	ESK308	16.5X8.25	TL/FF	763	272	3750	2430	2375	2180	2060	620
26X12-16.5	10	ESK308	16.5X9.75	TL/FF	663	283	2580	1650	1600	1290	1240	400
	14	ESK308	16.5X9.75	TL/FF	663	283	3000	2060	2000	1630	1550	600
12-16.5	10	ESK308	16.5X9.75	TL/FF	820	320	4000	2545	2500	2010	1930	450
	12	ESK308	16.5X9.75	TL/FF	820	320	4550	3310	2900	2430	2300	560
	14	ESK308	16.5X9.75	TL/FF	820	320	4875	3550	3075	2800	2690	620
14-17.5	12	ESK308	17.5X10.5	TL/FF	920	355	4000	3550	3150	2800	2690	480
	14	ESK308	17.5X10.5	TL/FF	920	355	5000	4125	3875	3075	3000	550
15-19.5	14	ESK308	19.5X11.75	TL/FF	1020	398	7000	5070	4625	3650	3550	560
385/65-22.5	16	ESK308	22.5X11.75	TL/FF	1095	385	7100	6500	6000	5600	4875	700
	18	ESK308	22.5X11.75	TL/FF	1095	385	9750	8500	6900	6300	5450	1000

- ◆ Specially designed super strength carcass, enables high load operation in all seasons.
- ◆ Specially designed wider sidewall protects carcass like an iron rampart.
- ◆ Extra wider tread section and bigger pattern blocks provide excellent anti-puncture and super traction performance.
- ◆ Anti-aging formula guarantees longer service life.
- ◆ Foam filled tyre provides higher safety and stability with worry-free performance.
- ◆ Grey non-marking tyre available.

SSR101

BIAS SKS TYRE

Backhoe Loader | Aerial Work Platform | Skid-steer&Mini-Loader | Grader | Off-road forklift

Tyre Size	PR	Tread Pattern	Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Speed(km/h)VS Load Capacity(Kg)					Pressure (kPa)	Steer Belts
						OD	SW	Static	Creep	10	15	20		
10-16. 5	10	SSR101	28	16.5x8.25	TL/FF	785	280	3350	2360	2135	1900	1800	520	No Steer Belts
	12	SSR101	28	16.5x8.25	TL/FF	785	280	3750	2430	2375	2180	2060	620	No Steer Belts
	14	SSR101	28	16.5x8.25	TL/FF	785	280	4250	2780	2725	2500	2360	720	No Steer Belts
12R16	16	SSR101	19	5.5	TT	800	220	--	--	1600	--	--	320	Single Steer Belts
	18	SSR101	19	5.5	TT	800	220	--	--	1600	--	--	320	Dual Steer Belts

- ◆ Specially designed super strength carcass, enables high load operation in all seasons.
- ◆ Specially designed wider sidewall protects carcass like an iron rampart.
- ◆ Extra wider tread profile provides better cutting and abrasion resistance performance.
- ◆ Anti-aging formula guarantees longer service life.
- ◆ Grey non-marking tyre available.

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BIAS GIANT OTR TYRE

EM107

BIAS GIANT OTR TYRE E3/E4

Rigid Dump Truck | Articulated Dump Truck | Coal Hauler | Scraper | Logging Service

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
21.00-33	28	EM107	E3	38	15.00/3.0	TT	1953	572	16300	9400	550	425
	32	EM107	E3	38	15.00/3.0	TT	1953	572	17900	10300	650	500
	36	EM107	E3	38	15.00/3.0	TT	1953	572	19500	11200	750	575
21.00-35	28	EM107	E4	57	15.00/3.0	TL	2005	575	19500	11200	575	425
	32	EM107	E4	57	15.00/3.0	TL	2005	575	21200	12150	650	500
	36	EM107	E4	57	15.00/3.0	TL	2005	575	23000	12850	750	550
	40	EM107	E4	57	15.00/3.0	TL	2005	575	24300	14000	825	625
	44	EM107	E4	57	15.00/3.0	TL	2005	575	25000	14500	900	675
24.00-35	42	EM107	E3	44	17.00/3.5	TL	2130	650	29000	16500	750	550
	48	EM107	E3	44	17.00/3.5	TL	2130	650	31500	18500	850	650

- The regular E3 tread is designed with special compounded rubber for operation on rocky and rugged applications.
- The E4 deep tread can solve the critical serviceability and cutting problems on rock, coal and earth surfaces.
- Aggressive tread provides super durability and lowering vibration.
- Available compounds: Heat Resisitance(HR); standard(SC); Cut resistance(CR); Ultra cutting Resistance(UCR).

EM109

BIAS GIANT OTR TYRE L5

Loader&Dozer | Wheel Tractor

Tyre Size	PR	Tread Pattern		Tread Depth (mm)	Rim Size	Tube Type	Inflated Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)	
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h
35/65-33	24	EM109	L5	106	28.00/3.5	TL	2077	890	19000	-	350	-
	30	EM109	L5	106	28.00/3.5	TL	2077	890	21800	-	450	-
	36	EM109	L5	106	28.00/3.5	TL	2077	890	23600	-	525	-
	42	EM109	L5	106	28.00/3.5	TL	2077	890	26500	-	625	-
45/65-45	38	EM109	L5	117	36.00/4.5	TL	2733	1140	38750	-	425	-
	46	EM109	L5	117	36.00/4.5	TL	2733	1140	43750	-	525	-
	58	EM109	L5	117	36.00/4.5	TL	2733	1140	50000	-	675	-

- Special pattern design is developped to provide maximum protection for front-end loader tyres when service on rock, coal and rugged earth surface where service ability and tread cutting are critical problems.
- Extra tread depth for mine haulage for super traction and weariness.
- Unique tread compound provides excellent chipping, tearing and cutting resistance, and also against heating-up on shoulder area.

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RADIAL OTR TYRE

ER100

All Steel Radial

RADIAL OTR TYRE E3/L3 IND3

Loader&Dozer

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
15.5R25	★	ER100	E3/L3	24.4	152/B	12.00	1275	405	375	3550	50
	★				169/A2				500	5800	10
17.5R25	★★	ER100	E3/L3	27	167/B	14.00	1347	449	525	5450	50
	★★				182/A2				650	8500	10
20.5R25	★★	ER100	E3/L3	31	177/B	17.00	1482	533	525	7300	50
	★★				193/A2				650	11500	10
23.5R25	★★	ER100	E3/L3	41	185/B	19.50	1602	607	525	9250	50
	★★				201/A2				650	14500	10
	★★★		IND3		206/A2				800	17000	10
26.5R25	★★	ER100	E3/L3	38	193/B	22.00	1735	686	525	11500	50
	★★				209/A2				650	18500	10
	★★★		IND3		214/A2				800	21200	10
29.5R25	★★	ER100	E3/L3	42	200/B	25.00	1860	769	525	14000	50
	★★				216/A2				650	22400	10

◆ Scientific tread net-gross ratio provides supreme traction

ER101

All Steel Radial

RADIAL OTR TYRE E4/L4

Loader&Dozer

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
23.5R25	★★	ER101	E4/L4	55	185/B	19.50	1660	600	525	9250	50
	★★				201/A2				650	14500	10
26.5R25	★★	ER101	E4/L4	55	193/B	22.00	1788	685	525	11500	50
	★★				209/A2				650	18500	10
29.5R25	★★	ER101	E4/L4	57.5	200/B	25.00	1906	760	525	14000	50
	★★				216/A2				650	22400	10

◆ Extra deep tread pattern prolongs service tyre

◆ Round undertread dedign effectively prevents undertread cracking

ER102

All Steel Radial

RADIAL OTR TYRE L5

Loader&Dozer

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
20.5R25	★★	ER102	L5	71	193/A2	17.00	1545	534	650	11500	10
23.5R25	★★	ER102	L5	80	201/A2	19.50	1672	604	650	14500	10
26.5R25	★★	ER102	L5	97.5	209/A2	22.00	1760	690	650	18500	10

◆ L-5 Super deep open tread pattern provides good traction

◆ Reinforced carcass body design guarantees longer tyre service time

ER103

All Steel Radial

RADIAL OTR TYRE L5S

Scraper

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
17.5R25	★★	ER103	L5S	65	182/A2	14.00	1398	442	650	8500	10
18.00R25	★★	ER103	L5S	82	204/A2	13.00	1677	506	825	16000	10
26.5R25	★★	ER103	L5S	97.5	209/A2	22.00	1760	690	650	18500	10

◆ Extra deep tread design boasts excellent puncture,shock and cut resistance

◆ Reinforced carcass design guarantees longer tyre service time

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ER104

All Steel Radial

RADIAL OTR TYRE E1

Mobile Crane

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
16.00R25 (445/95R25)	★★	ER104	E1	25.4	177/B	11.25	1475	454	700	7300	50
445/95R25 (16.00R25)	★★	ER104	E1	25.4	174/F	11.25	1475	454	900	6700	80

- Larger contact area guarantee good traction
- Special tread pattern and compound design guarantee excellent heat dissipation

ER108

All Steel Radial

RADIAL OTR TYRE E4

Rigid Dump Truck

Articulated Dump Truck

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
18.00R25	★★	ER108	E4	55	185/B	13.00	1672	510	700	9250	50

- Unique tread pattern design equips tyre with excellent traction

ER105

All Steel Radial

RADIAL OTR TYRE E3

Rigid Dump Truck

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
18.00R25	★★	ER105	E3	32	185/B	13.00	1623	504	700	9250	50

- Unique tread pattern design equips tyre with excellent traction
- Special curing procedures generate reliable final product
- High-tensile specialized wire

ER201

All Steel Radial

RADIAL OTR TYRE L5S

Loader&Dozer

Shovels Shuttle, LHD

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
17.5R25	★★	ER201	L5S	182/167	14.00/1.5	TL	1399	445	8500	5450	575	450	76.5
18.00R25	★★	ER201	L5S	204/185	13.00/2.5	TL	1673	498	16000	9250	825	700	90
23.5R25	★★	ER201	L5S	201/185	19.50/2.5	TL	1673	597	14500	9250	575	450	83
26.5R25	★★	ER201	L5S	209/193	22.00/3.0	TL	1798	673	18500	11500	575	450	95
29.5R29	★★	ER201	L5S	218/202	25.00/3.5	TL	2023	750	23600	15000	575	450	105

- Extra deep tread design gives excellent wear performance and also extra long service life.
- Special compound minimizes the inner heating-up and maximizes cut & chunking resistance.

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ER205

All Steel Radial

RADIAL OTR TYRE

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg)	Speed Index	Inflation Pressure (kPa)	Tread Depth (mm)
		Type	TRA Code				OD	SW				
385/95R25	★★★	ER205	- -	170	10.00/1.5	TL	1369	379	6000	E	900	24

- Lower heating-up and excellent heat dissipation.
- Unique tread compound gives excellent wear resistance .
- Strong bead area avoid over deforrmation under heavy load .

ER207

All Steel Radial

RADIAL OTR TYRE

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg)	Speed Index	Inflation Pressure (kPa)	Tread Depth (mm)
		Type	TRA Code				OD	SW				
385/95R25	★★★	ER207	- -	170	10.00/1.5	TL	1369	379	6000	E	900	24

- Lower heating-up and excellent heat dissipation.
- Unique tread compound gives excellent wear resistance .
- Strong bead area avoid over deforrmation under heavy load .

ER206

All Steel Radial

RADIAL OTR TYRE E4

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
13.00R25	★★★	ER206	E4	163/182	8.50	TT	1301	351	8500	4875	950	700	33
14.00R25	★★	ER206	E4	168/186	10.00	TT	1368	375	9500	5600	800	650	33
	★★★			169/188					10000	5800	950	700	

- Wider section & bigger pattern lug provides better wear performance.
- Multi deeper grooves provides better heating release and excellent traction performance.
- Long service life.
- Available compounds: Heat Resisitance(HR); Standard(SC); Cut Resistance(CR); Ultra Cutting Resistance(UCR).

ER208

All Steel Radial

RADIAL OTR TYRE E3/L3/G3

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
17.5R25	★	ER208	E3/L3/G3	176/157	14.00/1.5	TL	1348	445	7100	4125	500	375	28
	★★	ER208	E3/L3/G3	182/167			1348	445	8500	5450	650	525	28
20.5R25	★	ER208	E3/L3/G3	186/168	17.00/2.0	TL	1493	521	9500	5600	500	375	32
	★★	ER208	E3/L3/G3	193/177			1493	521	11500	7300	650	525	32
23.5R25	★	ER208	E3/L3/G3	195/176	19.50/2.5	TL	1617	597	12150	7100	500	375	35
	★★	ER208	E3/L3/G3	201/185			1617	597	14500	9250	650	525	35
26.5R25	★	ER208	E3/L3/G3	202/184	22.00/3.0	TL	1750	673	15000	9000	500	375	40
	★★	ER208	E3/L3/G3	209/193			1750	673	18500	11500	650	525	40
29.5R25	★	ER208	E3/L3/G3	208/191	25.00/3.5	TL	1874	749	18000	10900	500	375	40
	★★	ER208	E3/L3/G3	216/200			1874	749	22400	14000	650	525	40

- Specially designed for mining and construction applications.
- Extra deep tread pattern provides super traction and wearing performance.
- Unique tread compound gives excellent cut resistance and also lower heating-up.
- The 10km/h load capacity and inflation pressure in for slow speed service with single journey distance up to 76m(250ft.).
- The 50km/h load capacity and inflation pressure in for haulage service with single journey distance up to 4m(2.5m.).

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ER209

All Steel Radial

RADIAL OTR TYRE E4

Rigid Dump Truck | Logging Service | Scraper | Articulated Dump Truck | Coal Hauler

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
14.00R25	★★★	ER209	E4	169/188	10.00	TL/TT	1368	375	10000	5800	950	700	38
16.00R25	★★	ER209	E4	195/177	11.25/2.0	TL/TT	1495	430	12150	7300	800	650	43

- Deep tread and bigger pattern blocks provide excellent traction performance and longer service life.
- Open shoulder provides excellent heating release,avoiding shoulder separation.
- Five belts design on the tread provide excellen load capacity.
- Ultra cuting Resistance(UCR) compound provides excellent cut resistance,puncture resistance.

ER216

All Steel Radial

RADIAL OTR TYRE L5

Loader&Dozer | Shovels Shuttle, LHD

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
20.5R25	★★	ER216	L5	193/177	17.00/2.0	TL	1548	520	11500	7300	575	450	76.5
23.5R25	★★	ER216	L5	201/185	19.50/2.5	TL	1673	597	14500	9250	575	450	83
26.5R25	★★	ER216	L5	209/193	22.00/3.0	TL	1798	673	18500	11500	575	450	90
29.5R25	★★	ER216	L5	216/200	25.00/3.5	TL	1921	750	22400	14000	575	450	95
35/65R33	★★	ER216	L5	223/207	28.00/3.5	TL	2077	889	27250	17500	650	475	93

- Robust carcass design for all application service.
- Unique sidewall design provides super cut protection.

ER215

All Steel Radial

RADIAL OTR TYRE E4/L4

Loader&Dozer | Articulated Dump Truck

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
29.5R25	★	ER215	E4/L4	208/191	25.00/3.5	TL	1874	749	18000	10900	500	375	60
	★★	ER215	E4/L4	216/200			1874	749	22400	14000	650	525	60

- Extra deep treed pattern provides super traction and wearing performance.
- Unique tread compound gives excellent cut resistance and also lower heating-up.
- Excellent operational stability.

ER221

All Steel Radial

RADIAL OTR TYRE L2/G2

Loader&Dozer | Grader

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed	Speed versus Inflation Pressure(kPa)	Tread Depth (mm)
		Type	TRA Code				OD	SW	40km/h	40km/h	
14.00R24	★	ER221	G2	153	8.00TG	TL	1350	360	3650	375	25.5
17.5R25	★	ER221	L2/G2	153	14.00/1.5	TL	1340	445	3650	300	27

- Provide superior traction.
- Unique tread compound gives excellent cut resistance .
- Excellent self-cleaning and flotation.

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GIANT ALL STEEL RADIAL OTR

TYRE

ER106

All Steel Radial

RADIAL GIANT OTR TYRE E3

Scraper

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
33.25R35	★★	ER106	E3	43.4	212/B	27.00	2222	861	525	20000	50
37.25R35	★★	ER106	E3	47.4	218/B	31.00	2389	946	525	23600	50

- Good tread net-gross ratio provides superb traction
- Superior compound equips tyres with satisfactory manoeuvrability under extreme circumstances

EM2

All Steel Radial

RADIAL GIANT OTR TYRE E4

Rigid Dump Truck

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
21.00R35	★★	EM2	E4	55	201/B	15.00	2032	590	700	14500	50
24.00R35	★★	EM2	E4	63	209/B	17.00	2160	653	700	18500	50
27.00R49	★★	EM2	E4	64.8	223/B	19.50	2675	738	700	27250	50
30.00R51	★★	EM2	E4	77	230/B	22.00	2887	825	700	33500	50
33.00R51	★★	EM2	E4	94.9	235/B	24.00	3047	911	700	38750	50
36.00R51	★★	EM2	E4	83.3	241/B	26.00	3190	979	700	46250	50
37.00R57	★★	EM2	E4	92	245/B	27.00	3424	1031	700	51500	50
40.00R57	★★	EM2	E4	98.1	250/B	29.00	3577	1116	700	60000	50

- Unique tread pattern design equips tyre with excellent traction
- Special curing procedures generate reliable final product
- High-tensile specialized wire

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ER109

All Steel Radial

RADIAL GIANT OTR TYRE E4

Rigid Dump Truck

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
24.00R35	★★	ER109	E4	63	209/B	17.00	2160	663	700	18500	50
27.00R49	★★	ER109	E4	75.5	223/B	19.50	2691	738	700	27250	50

- Unique tread pattern design equips tyre with excellent traction
- Special curing procedures generate reliable final product
- High-tensile specialized wire

ER110

All Steel Radial

RADIAL GIANT OTR TYRE E4

Rigid Dump Truck

Tyre Size	Star Rating	Tread Pattern		Tread Depth (mm)	Load Speed Index	Rim Size	Inflation Dimensions (mm)		Pressure Kpa	Load Kg	Speed Km/h
		Type	TRA Code				OD	SW			
50/80R57	★★	ER110	E4	98	257/B	34.00	3556	1270	600	73000	50

- Reinforced carcass design guarantees longer tyre service time
- High-tensile specialized wire to guarantee tyre safety and service life in harsh working condition

SHGR-V1

All Steel Radial

RADIAL GIANT OTR TYRE E4

Rigid Dump Truck | Articulated Dump Truck | Coal Hauler | Scraper | Logging Service

Tyre Size	Star Rating	Tread Pattern		Load Index	Rim Size	Tube Type	Inflation Dimensions (mm)		Max Load(kg) versus Speed		Speed versus Inflation Pressure(kPa)		Tread Depth (mm)
		Type	TRA Code				OD	SW	10km/h	50km/h	10km/h	50km/h	
27.00R49	★★	SHGR-V1	E4	240/223	19.50/4.0	TL	2690	740	45000	27250	800	650	68
33.00R51	★★	SHGR-V1	E4	253/235	24.00/5.0	TL	3030	920	65000	38750	800	650	78
37.00R57	★★	SHGR-V1	E4	261/245	27.00/6.0	TL	3438	1016	82500	51500	825	700	86
40.00R57	★★	SHGR-V1	E4	268/250	29.00/6.0	TL	3594	1097	100000	60000	825	700	86
46/90R57	★★	SHGR-V1	E4	269/252	32.00/6.0	TL	3560	1180	103000	63000	825	700	96

- Long servicing life
- Extra protection in severe operating conditions
- Excellent traction performance
- Available compounds:

  Heat Resistance(HR)

  Standard(SC)

  Cut Resistance(CR)

  Ultra Cutting Resistance(UCR)

Remark:

Due to the continuous improvement of tyre technology, the content of this manual are subject to change without further notice.

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CONVERSION TABLE: STAR RATING TO PLY RATING

Service Tyre Size	Star Rating	Corresponding	Ply Rating
Grader	14.00R24	★	up to 16
	16.00R24	★	up to 16
	17.5R25	★	up to 16
Earthmover	12.00R24	★★★	up to 24
	14.00R24	★★★	up to 32
	14.00R25	★★★	up to 32
	16.00R25	★★	up to 36
	18.00R25	★	up to 24
	18.00R25	★★	up to 36
	18.00R33	★★	up to 40
	21.00R33	★★	up to 36
	21.00R35	★★	up to 44
	24.00R35	★★	up to 48
	24.00R49	★★	up to 48
	27.00R49	★★	up to 54
	30.00R51	★★	up to 58
	33.00R51	★★	up to 64
	36.00R51	★★	up to 66
	40.00R57	★★	up to 74
	17.5R25	★	up to 16
	20.5R25	★	up to 24
		★★	up to 28
	25/65R25	★★	up to 32
	23.5R25	★	up to 24
		★★	up to 32

Service Tyre Size	Star Rating	Corresponding	Ply Rating
Earthmover	26.5R25	★★	up to 32
	29.5R25	★★	up to 34
	29.5R29	★★	up to 40
	33.25R29	★★	up to 44
	37.5R33	★★	up to 48
	33.25R35	★★	up to 44
	37.25R35	★★	up to 48
	37.5R39	★★	up to 52
		★★	up to 54
Loader	15.5R25	★	up to 16
	17.5R25	★	up to 16
	20.5R25	★	up to 24
		★★	up to 28
	23.5R25	★	up to 24
		★★	up to 32
	26.5R25	★	up to 24
		★★	up to 36
	29.5R25	★	up to 28
		★★	up to 34
	29.5R29	★	up to 34
	35/65R33	★	up to 36
	45/65R45	★	up to 50

* MULTIPLE STAR RATING

Type of Service	Star Rating	Inflation Pressure	Load (Load Index)	Speed (Speed Symbol)
Loader	★(one star)	500kPa	15,000kgs (202)	10km/hour (A2)
Earthmover	★★(two star)	525kPa	11,500kgs (190)	50km/hour (B)

Radial tyre which marked with "LOADER & DOZER ★(one star)"and"EARTHMOVER★★(two stars)" have specified load capacity on each service condition.

Strength of tyre casing is designed to constrain inflation pressure used.

<26.5R25 as an example>

SIZE CONVERSION TABLE

Metric	Inch
385/95R24,25	14.00R24,25
445/95R24,25	16.00R24,25
445/80R25	17.5R25
505/95R25	18.00R25
525/80R25	20.5R25
750/65R25	30/65R25

Inflation Pressure(kg/cm² to lbs/in²)

kg/cm²	lbs/in²	kg/cm²	lbs/in²	kg/cm²	lbs/in²	kg/cm²	lbs/in²
0.1	1	2.6	37	5.1	72	7.6	108
0.2	3	2.7	38	5.2	74	7.7	109
0.3	4	2.8	40	5.3	75	7.8	111
0.4	6	2.9	41	5.4	77	7.9	112
0.5	7	3.0	43	5.5	78	8.0	114
0.6	9	3.1	44	5.6	80	8.1	115
0.7	10	3.2	45	5.7	81	8.2	116
0.8	11	3.3	47	5.8	82	8.3	118
0.9	13	3.4	48	5.9	84	8.4	119
1.0	14	3.5	50	6.0	85	8.5	121
1.1	16	3.6	51	6.1	87	8.6	122
1.2	17	3.7	53	6.2	88	8.7	124
1.3	18	3.8	54	6.3	89	8.8	125
1.4	20	3.9	55	6.4	91	8.9	126
1.5	21	4.0	57	6.5	92	9.0	128
1.6	23	4.1	58	6.6	94	9.1	129
1.7	24	4.2	60	6.7	95	9.2	131
1.8	26	4.3	61	6.8	97	9.3	132
1.9	27	4.4	62	6.9	98	9.4	133
2.0	28	4.5	64	7.0	99	9.5	135
2.1	30	4.6	65	7.1	101	9.6	136
2.2	31	4.7	67	7.2	102	9.7	138
2.3	33	4.8	68	7.3	104	9.8	139
2.4	34	4.9	70	7.4	105	9.9	141
2.5	36	5.0	71	7.5	107	10.0	142

Temperature(Centigrade to Fahrenheit)

°C	°F	°C	°F	°C	°F	°C	°F
-19	-2.2	+24	+75.2	+67	+152.6	+110	+230.0
-18	-0.4	25	77.0	68	154.4	111	231.8
-17	+1.4	26	78.8	69	156.2	112	233.6
-16	3.2	27	80.6	70	158.0	113	235.4
-15	5.0	28	82.4	71	159.8	114	237.2
-14	6.8	29	84.2	72	161.6	115	239.0
-13	8.6	30	86.0	73	163.4	116	240.8
-12	10.4	31	87.8	74	165.2	117	242.6
-11	12.2	32	89.6	75	167.0	118	244.4
-10	14.0	33	91.4	76	168.8	119	246.2
-9	15.8	34	93.2	77	170.6	120	248.0
-8	17.6	35	95.0	78	172.4	121	249.8
-7	19.4	36	96.8	79	174.2	122	251.6
-6	21.2	37	98.6	80	176.0	123	253.4
-5	23.0	38	100.4	81	177.8	124	255.2
-4	24.8	39	102.2	82	179.6	125	257.0
-3	26.6	40	104.0	83	181.4	126	258.8
-2	28.4	41	105.8	84	183.2	127	260.6
-1	30.2	42	107.6	85	185.0	128	262.4
0	32.0	43	109.4	86	186.8	129	264.2
+1	33.8	44	111.2	87	188.6	130	266.0
2	35.6	45	113.0	88	190.4	131	267.8
3	37.5	46	114.8	89	192.2	132	269.6
4	39.2	47	116.6	90	194.0	133	271.4
5	41.0	48	118.4	91	195.8	134	273.2
6	42.8	49	120.2	92	197.6	135	275.0
7	44.6	50	122.0	93	199.4	136	276.8
8	46.8	51	123.8	94	201.2	137	268.6
9	48.2	52	125.6	95	203.0	138	280.4
10	50.0	53	126.4	96	204.8	139	282.2
11	51.8	54	129.2	97	206.6	140	284.0
12	53.6	55	131.0	98	208.4	141	285.8
13	55.4	56	132.8	99	210.2	142	287.6
14	57.2	57	134.6	100	212.0	143	289.4
15	59.0	58	136.4	101	213.8	144	291.2
16	60.8	59	138.2	102	215.6	145	293.0
17	62.6	60	140.0	103	217.4	146	294.8
18	64.4	61	141.8	104	219.2	147	296.6
19	66.2	62	143.6	105	221.0	148	298.4
20	68.0	63	145.4	106	222.8	149	300.2
21	69.8	64	147.2	107	224.6	150	302.0
22	71.6	65	149.0	108	226.4		
23	73.4	66	150.8	109	228.2		

Millimeters to inches

mm	in/32	mm	in/32	mm	in/32	mm	in/32
1	1	19	24	37	47	75	95
2	3	20	25	38	48	80	101
3	4	21	27	39	49	85	107
4	5	22	28	40	50	90	113
5	6	23	29	41	52	95	120
6	8	24	30	42	53	100	126
7	9	25	32	43	54	105	132
8	10	26	33	44	55	110	139
9	11	27	34	45	57	115	145
10	13	28	35	46	58	120	151
11	14	29	37	47	59	125	158
12	15	30	38	48	61	130	164
13	16	31	39	49	62	135	170
14	18	32	40	50	63	140	176
15	19	33	42	55	69	145	183
16	20	34	43	60	76	150	189
17	21	35	44	65	82		
18	23	36	45	70	88		

Standard(UK,US,etc)to Metric

mph	kph	mph	kph	mph	kph	mph	kph
0.62	1	16.16	26	31.70	51	47.23	76
1.24	2	16.78	27	32.32	52	47.86	77
1.86	3	17.40	28	32.94	53	48.48	78
2.49	4	18.02	29	33.56	54	49.10	79
3.11	5	18.65	30	34.18	55	49.72	80
3.73	6	19.27	31	34.80	56	50.34	81
4.35	7	19.89	32	35.43	57	50.96	82
4.97	8	20.51	33	36.05	58	51.58	83
5.59	9	21.13	34	36.67	59	52.21	84
6.22	10	21.75	35	37.29	60	52.83	85
6.84	11	22.37	36	37.91	61	53.45	86
7.46	12	23.00	37	38.53	62	54.07	87
8.08	13	23.62	38	39.15	63	54.69	88
8.70	14	24.24	39	39.78	64	55.31	89
9.32	15	24.86	40	40.40	65	55.94	90
9.94	16	25.48	41	41.02	66	56.56	91
10.57	17	25.10	42	41.64	67	57.18	92
11.19	18	26.72	43	42.26	68	57.80	93
11.81	19	27.35	44	42.88	69	58.42	94
12.43	20	27.97	45	43.51	70	59.04	95
13.05	21	28.59	46	44.13	71	59.66	96
13.67	22	29.21	47	44.75	72	60.29	97
14.29	23	29.83	48	45.37	73	60.91	98
14.92	24	30.45	49	45.99	74	61.53	99
15.54	25	31.08	50	46.61	75	62.15	100

1 mile=1,760 yds　1 yd=3 ft　1 ft=12 in　1 sq mile=640 acres
1 acre=43,560 sq ft　1 sq ft=144 sq in　1 cu ft=7.48 gal　1 gal=23 1 cu in=4 quarts liq
1 quart=32 fl oz　1 fl oz=1.80 cu in　1 sh ton=2,000 lbs　1 lg ton=2,240 lbs
1 lb=16 oz,avdp.　1 BTU=778 ft lb=0.000393 HPH=0.000293 KWH
1 HP=550 ft lb/sec　1 atmosph=14.7 psi

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Inches to Millimeters

mm	in/32	mm	in/32	mm	in/32	mm	in/32
1	0.8	21	16.7	41	32.5	105	83.3
2	1.6	22	17.5	42	33.3	110	87.3
3	2.4	23	18.3	43	34.1	115	91.3
4	3.2	24	19.1	44	34.9	120	95.3
5	4.0	25	19.8	45	35.7	125	99.2
6	4.8	26	20.6	46	36.5	130	103.2
7	5.6	27	21.4	47	37.3	135	107.2
8	6.4	28	22.2	48	38.1	140	111.1
9	7.1	29	23.0	49	38.9	145	115.1
10	8.0	30	23.8	50	39.7	150	119.1
11	8.7	31	24.6	55	43.7	155	123.0
12	9.5	32	25.4	60	47.6	160	127.0
13	10.3	33	26.2	65	51.6	165	131.0
14	11.1	34	27.0	70	55.6	170	134.9
15	11.9	35	27.8	75	59.5	175	138.9
16	12.7	36	28.6	80	63.5	180	142.9
17	13.5	37	29.4	85	67.5	185	146.9
18	14.3	38	30.2	90	71.4	190	150.8
19	15.1	39	31.0	95	75.4	195	154.8
20	15.9	40	31.8	100	79.4	200	158.8

Metric to Standard(UK,US,etc)

MULTIPLY METRIC UNIT	BY	TO OBTAIN ENGLISH UNIT
Kilometer (km)	0.6214	Mile
Meter (m)	1.0936	Yard
Centimeter (cm)	0.0328	Foot
Millimeter (mm)	0.03937	Inch
Square Kilometer (km^2)	0.3861	Square Mile
Hectare (Ha)	2.471	Acre
Square meter (m^2)	10.76	Square foot
Square centimeter (cm^2)	0.1550	Square inch
Cubic meter (m^3)	1.308	Cubic yard
kilograms/cubic meter (kg/m^3)	1.686	Pounds/cubic yard
Liter (l or ltr.)	0.2642	Gallon (US)
Imperial gallon	1.20	US gallon
Kilometer per hour (kph)	0.621	MPH
Liter (l or ltr.)	61.02	Cubic inch
Cubic centimeter (cm^3)	0.0338	Fluid ounce
Metric tonne (t)	0.984	Long ton
Metric tonne (t)	1.102	Short ton
Kilogram (kg)	2.205	Pound, avdp.
Gram (g or gr.)	0.0353	Ounce, avdp.
Calorie, Kilo (C or Cal.)	3.968	BTU
Kilogram-meter (kgm)	7.233	Foot-pound
Meter-kilogram (m-kg)	7.233	Pound-foot
Metric horsepower (CV)	0.9863	HP
kg/square centimeter (kgs./cm^2)	13.225	Pounds/square inch
kilopascal (kPa)	0.14503	Pounds/square inch

1 km=1,000 m　1 m=100 cm　1 cm=10 mm　1 km^2=100 Ha
1 Ha=10,000 m^2　1 m^2=10,000 cm^2　1 cm^2=100 mm^2　1 m^3=1,000 liters
1 liters=1,000 cm^3　1 metric ton=1,000kg　1 quintal=100 kg　1 kg=1,000 g
1 Cal=427 kgm=0.0016 CVH=0.00116 KWH　1 kg/cm^2=98.066 kPa
Torque unit: 1 CV=75 kgm/sec　1 kg/cm^2=0.97 atmosph　1 bar=100 kPa

Kilograms to Pounds

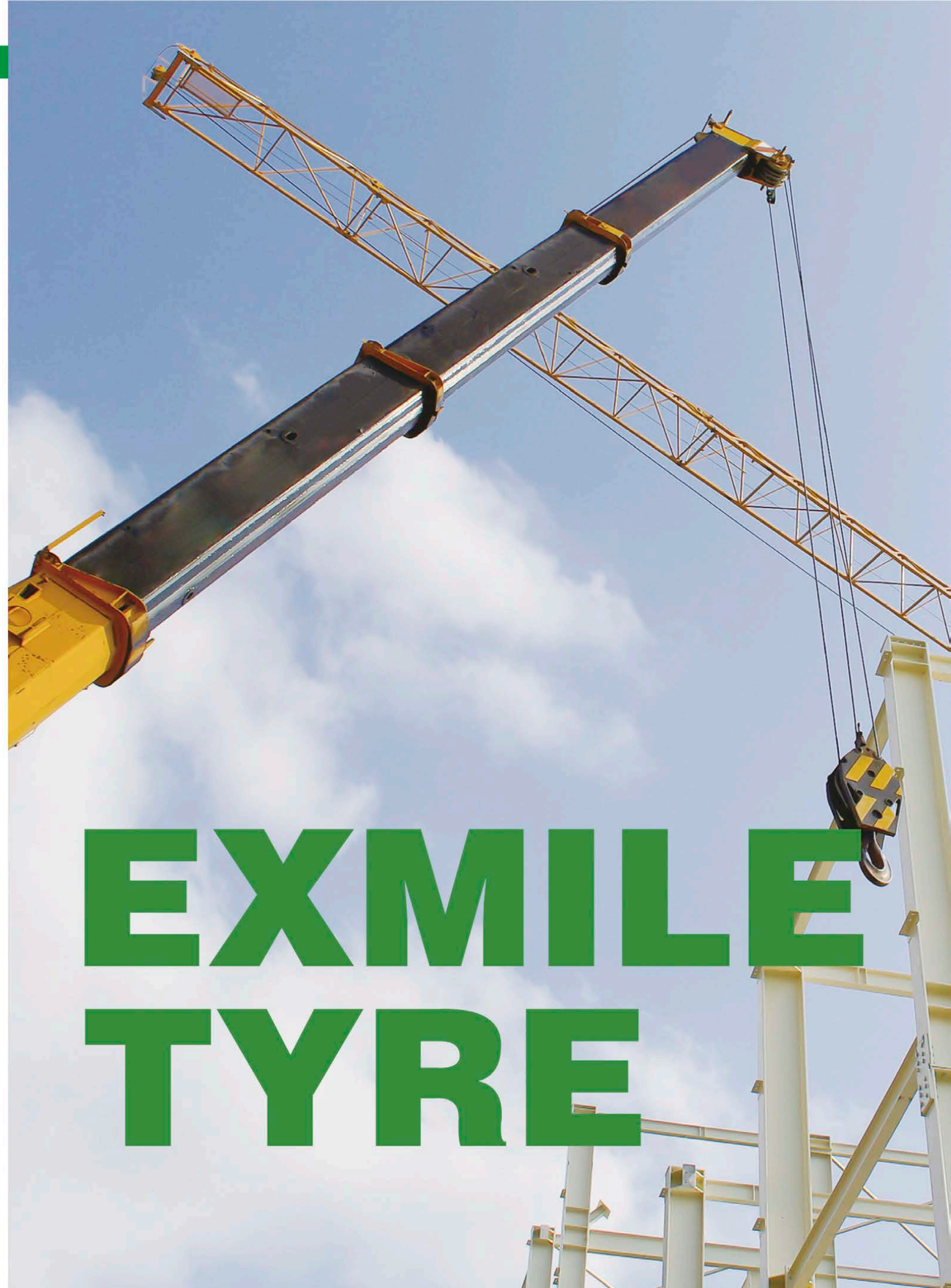
kg	lbs	kg	lbs	kg	lbs	kg	lbs
1	2	130	287	600	1323	2500	5512
5	11	140	309	650	1433	2600	5732
10	22	150	331	700	1543	2700	5952
15	33	160	353	750	1654	2800	6173
20	44	170	375	800	1764	2900	6393
25	55	180	397	850	1874	3000	6614
30	66	190	419	900	1984	3500	7716
35	77	200	441	950	2094	4000	8818
40	88	210	463	1000	2205	4500	9921
45	99	220	485	1100	2425	5000	11023
50	110	230	507	1200	2646	5500	12125
55	121	240	529	1300	2866	6000	13228
60	132	250	551	1400	3086	6500	14330
65	143	260	573	1500	3307	7000	15432
70	154	270	595	1600	3527	7500	16535
75	165	280	617	1700	3748	8000	17637
80	176	290	639	1800	3968	8500	18739
85	187	300	661	1900	4189	9000	19841
90	198	350	772	2000	4409	9500	20944
95	209	400	882	2100	4630	10000	22046
100	221	450	992	2200	4850		
110	243	500	1102	2300	5071		
120	265	550	1213	2400	5291		

Kilometers per Hour to Miles per Hour

mph	kph	mph	kph	mph	kph	mph	kph
0.62	1	16.16	26	31.70	51	47.23	76
1.24	2	16.78	27	32.32	52	47.86	77
1.86	3	17.40	28	32.94	53	48.48	78
2.49	4	18.02	29	33.56	54	49.10	79
3.11	5	18.65	30	34.18	55	49.72	80
3.73	6	19.27	31	34.80	56	50.34	81
4.35	7	19.89	32	35.43	57	50.96	82
4.97	8	20.51	33	36.05	58	51.58	83
5.59	9	21.13	34	36.67	59	52.21	84
6.22	10	21.75	35	37.29	60	52.83	85
6.84	11	22.37	36	37.91	61	53.45	86
7.46	12	23.00	37	38.53	62	54.07	87
8.08	13	23.62	38	39.15	63	54.69	88
8.70	14	24.24	39	39.78	64	55.31	89
9.32	15	24.86	40	40.40	65	55.94	90
9.94	16	25.48	41	41.02	66	56.56	91
10.57	17	25.10	42	41.64	67	57.18	92
11.19	18	26.72	43	42.26	68	57.80	93
11.81	19	27.35	44	42.88	69	58.42	94
12.43	20	27.97	45	43.51	70	59.04	95
13.05	21	28.59	46	44.13	71	59.66	96
13.67	22	29.21	47	44.75	72	60.29	97
14.29	23	29.83	48	45.37	73	60.91	98
14.92	24	30.45	49	45.99	74	61.53	99
15.54	25	31.08	50	46.61	75	62.15	100

Pounds to Kilograms

lbs	kg	lbs	kg	lbs	kg	lbs	kg
1	0.5	260	117.9	1200	544.3	5000	2268.0
10	4.5	280	127.0	1300	589.7	5200	2358.7
20	9.1	300	136.1	1400	635.0	5400	2449.4
30	13.6	320	145.2	1500	680.4	5600	2540.2
40	18.1	340	154.2	1600	725.8	5800	2630.9
50	22.7	360	163.3	1700	771.1	6000	2721.6
60	27.2	380	172.4	1800	816.5	7000	3175.2
70	31.8	400	181.4	1900	861.8	8000	3628.8
80	36.3	420	190.5	2000	907.2	9000	4082.4
90	40.8	440	199.6	2200	997.9	10000	4536.0
100	45.4	460	208.7	2400	1088.6	11000	4989.6
110	49.9	480	217.7	2600	1179.4	12000	5443.2
120	54.4	500	226.8	2800	1270.1	13000	5896.8
130	59.0	520	235.9	3000	1360.8	14000	6350.4
140	63.5	540	244.9	3200	1451.5	15000	6804.0
150	68.0	560	254.0	3400	1542.2	16000	7257.6
160	72.6	580	263.1	3600	1633.0	17000	7711.2
170	77.1	600	272.2	3800	1723.7	18000	8164.8
180	81.6	700	317.5	4000	1814.4	19000	8618.4
190	86.2	800	362.9	4200	1905.1	20000	9072.0
200	90.7	900	408.2	4400	1995.8		
220	99.8	1000	453.6	4600	2086.6		
240	108.9	1100	499.0	4800	2177.3		

Miles per Hour to Kilometer per Hour

mph	kph	mph	kph	mph	kph	mph	kph
1	1.61	14	22.53	27	43.44	40	64.36
2	3.22	15	24.14	28	45.05	41	65.97
3	4.83	16	25.74	29	46.66	42	67.58
4	6.44	17	27.35	30	48.27	43	69.19
5	8.05	18	28.96	31	49.88	44	70.80
6	9.65	19	30.57	32	51.49	45	72.41
7	11.26	20	32.18	33	53.10	46	74.01
8	12.87	21	33.79	34	54.71	47	75.62
9	14.48	22	35.40	35	56.32	48	77.23
10	16.09	23	37.01	36	57.92	49	78.84
11	17.70	24	38.62	37	59.53	50	80.45
12	19.31	25	40.23	38	61.14		
13	20.92	26	41.83	39	62.75