



Techking Tires Limited

TECHKING TIRES LIMITED

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OTR TIRES CATALOGUE

V18.0

ABOUT TECHKING

Established in 2007, Techking Tires Limited is dedicated to mining and construction tires, focusing on specific applications, integrated product R&D, quality control, and brand operation. Our goal is to become a leading mining and construction tire brand.

Meanwhile, Techking focuses on both domestic and overseas markets throughout development. Currently, it works with mining and construction companies in more than 130 countries and supports world-renowned mining enterprises and equipment manufacturers with quality service. By now, Techking is the only Chinese tire brand to simultaneously render construction machinery tire services to China's top 3 crane manufacturers XCMG, SANY, and ZOOMLION. In the overseas markets, Techking renders services to more than 40 internationally recognized machinery manufacturers such as Liebherr, Sandvik Group, Tadano Demag, and JCB. It also gains the recognition of global leading mining companies including Rio Tinto, Glencore, BHP, and Vale.

As an excellent tire solution provider, Techking is gradually adopting the customer-oriented Three-lever Development Model that covers a localized marketing system, an integrated product development system, and a specialized service system. With the continuous support of technical talents and technological innovation, the company concentrates on the tires for mining and construction industries, to accommodate the application-specific products of customers, and to provide more valuable, diversified services.

VISION

Become a leading mining and construction tire brand

VALUE

Customer-oriented,
Cooperate with Synergy,
Improve with Consistency,
Do with Responsibility,
Behave with Integrity

RECOGNITION FROM OE & BIG USERS



TRA CLASSIFICATION OFF-THE-ROAD TIRES

TRA CODE	TREAD TYPE	PATTERN	SPEED	ONE-WAY DISTANCE
E-EARTHMOVER (HAULAGE SERVICE)				
E-2	Traction Regular	SNOWKING, SNOWKING L, ETSNOW, MATE SNOW, MATE SNOW E, ETCRANE, ETCRANE2, ETCRANE L, ETGC, ETAT	50KM/H	4KM
E-3	Rock Regular	ETSD, ET618, ETOK, ETOH, ET919, ET668, SUPER ETOT, PROADT, ETADT, MATE E3L3	50KM/H	4KM
E-4	Rock Deep Tread	ET303, ET304, ET305, ET355, ET358, SUPER ROCK, SUPER TRAC, ETRACTION, ETLB, SUPER RDT, ETD, FORT RDT, ETUL+, ETRT, ETRTV, ETRTV, ETD2, ETST, ETUM, ETNT, SUPER ADT, ETADT	50KM/H	4KM
E-7	Flotation	DK20, DK22	80KM/H	/
		ETMT	90KM/H	
L-LOADER AND DOZER (SLOW SPEED SERVICE)				
L-2	Traction Regular	SNOWKING, ETSNOW, MATE SNOW, MATE SNOW E, ETGRADER, ETGRADER2	10KM/H(5mph)	76M(250ft)
L-3	Rock Regular	PROADT, ETADT, MATE L3, MATE E3L3, MATE-S L3	10KM/H(5mph)	76M(250ft)
L-4	Rock Deep Tread	ETST, ETUM, ETNT	10KM/H(5mph)	76M(250ft)
L-5	Rock Extra Deep Tread	ETDL5, ETDL5S, ETD2, ETD2S, MATE D2S	10KM/H(5mph)	76M(250ft)
L-5S	Smooth Extra Deep Regular	PROLHD, ETSM, TKUM II	10KM/H(5mph)	76M(250ft)
G-GRADER				
G-2	Traction Regular	ETGRADER, ETGRADER2, MATE G2, ETSNOW	40KM/H(25mph)	UNLIMITED
IND-INDUSTRIAL				
IND-4	Deep Tread	ETPORTM, ETPORTM+	/	/

Regular Tread
E-2/E-3
L-2/L-3
G-2

Deep Tread
E-4
L-4

Extra Deep Tread
L-5/L-5S

Mining Application

Construction Application

MINING APPLICATION TECHKING OTR TIRES



ET303



ET304



ET305



ET355



ET358



SUPER ROCK



SUPER TRAC



ETLB



ETRACTION



SUPER RDT



FORT RDT



ETD



ETUL+



ETS



ETRT





ET303



Extended Longevity

- The ultra-deep E4 tread pattern and high saturation tread bring extraordinary resistance against cuts and punctures.
- The protective band on the sidewall effectively reduce cracks caused by impacts



Higher Operational Efficiency

- Special tread grooves and the flared mud-discharging design provide powerful traction and superior maneuverability.



Lower Heat Generation, Higher Mining Productivity

- The special heat dissipation design on tire shoulders can quickly dissipate heat and reduce shoulder separation.
- An innovative cooling compound was applied to the base rubber to reduce heat generation.



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
46/90R57	E4	★★	29.00-6.0 32.00-6.0	118	94	252 B	TL	C1/R1/H2	3



ET305



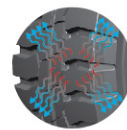
Longer service life

High-SAT Pattern Design with better wearing resistance performance



Better traction capacity

Tractive Groove Design



Better heat releasing performance

Cooling Groove Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
40.00R57	E4	★★	29.00-6.0	117	93	250 B	TL	C1/R1/H2	6

ET304



Better raw materials

RSS Compound

Stronger structure for heavy load

High Strength Structure



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
27.00R49	E4	★★	19.50-4.0	103	82	223 B	TL	C1/R1/H2	12
33.00R51	E4	★★	24.00-5.0	120	95	235 B	TL	C1/R1/H2	8
37.00R57	E4	★★	27.00-6.0	125	99	246 B	TL	C1/R1/H2	6
40.00R57	E4	★★	29.00-6.0	125	99	250 B	TL	C1/R1/H2	6
46/90R57	E4	★★	29.00-6.0 32.00-6.0	125	99	252 B	TL	C1/R1/H2	3
50/80R57	E4	★★	34.00-5.0 32.00-6.0	120	95	257 B	TL	C1/R1/H2	3





ET355



Better traction capacity

Tractive Pattern Design

Longer service life

High-SAT Pattern Design for better wearing resistance performance

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
27.00R49	E4	★★	19.50-4.0	89	71	223 B	TL	C1/CS/H2	12
30.00R51	E4	★★	22.00-4.5	98	78	230 B	TL	C1/CS/H2	8
33.00R51	E4	★★	24.00-5.0	115	91	235 B	TL	C1/CS/H2	8
36.00R51	E4	★★	26.00-5.0	108	86	241 B	TL	C1/CS/H2	6



ET358



Better Self-Cleaning Performance

Horizontal groove design

Excellent Cut Resistance for Longer Service Life

Big block design against cuts

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
40.00R57	E4	★★	29.00-6.0	125	99	250 B	TL	C1/R1/H2	6
46/90R57	E4	★★	29.00-6.0 32.00-6.0	125	99	252 B	TL	C1/R1/H2	3

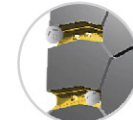


SUPER ROCK

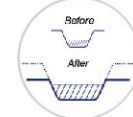


Wider & Deeper Design

14% wider than normal design
11% deeper than normal design

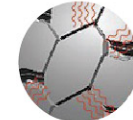


Stone-ejection Design



Stable Bridge for Bigger Contact Area

after 40% service life



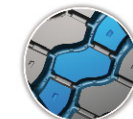
Multidirectional Heat Dispersion

Improving the heat dispersion efficiency
* only for the size of 49 inches and above

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
27.00R49	E4	★★	19.50-4.0	103	82	223 B	TL	C1/R1/H2	12
40.00R57	E4	★★	29.00-6.0	122	97	250 B	TL	C1/CS/H2	3
46/90R57	E4	★★	29.00-6.0 32.00-6.0	122	97	252 B	TL	C1/CS/H2	3

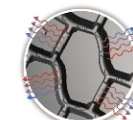


SUPER TRAC



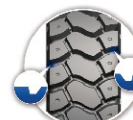
Excellent traction capacity

Horizontal Pattern Design



Better heat releasing performance

Multidirectional Heat Releasing Design



Better self-cleaning performance

Stone Ejection Design
Asymmetric Groove Design
* only for the size of 49 inches and above

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
24.00R35	E4	★★	17.00-3.5	79	63	209 B	TL	C1/CS/H2	22
27.00R49	E4	★★	19.50-4.0	93	74	223 B	TL	C1/CS/H2	12
33.00R51	E4	★★	24.00-5.0	116	92	235 B	TL	C1/CS/H2	8



Good puncture resistance performance

High-SAT Pattern Design



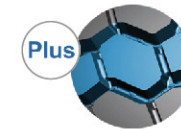
Excellent heavy load capacity

Strong Structure Materials with higher stability

ETLB

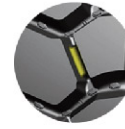


Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
27.00R49	E4	★★	19.50-4.0	71	56	223 B	TL	C1/CS/H2	12
33.00R51	E4	★★	24.00-5.0	98	78	235 B	TL	C1/CS/H2	8



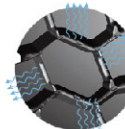
Better wearing resistance performance

35% Bigger Block Design



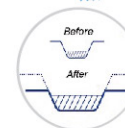
Better cut resistance performance

Block Bridge Design



Better heat releasing performance

Cooling System Design



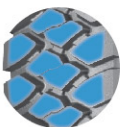
Reducing groove cracks effectively

Arc Groove Design

SUPER RDT



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
24.00R35	E4	★★	17.00-3.5	84	67	209 B	TL	C1/CS/H2	22



Excellent traction capacity

Horizontal Pattern Design



High TKPH with high efficiency

Good Performance Guarantee

ETRACTION



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
40.00R57	E4	★★	29.00-6.0	98	78	250 B	TL	C1/CS/H2	6



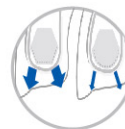
Better anti-puncture capacity

6 Layers vs. 4 Layers (steel belts)



Excellent cut resistance performance

Special Cut Resistance Compound



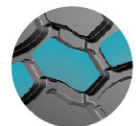
Better bead design for longer tire life

Circular Arc Design, less impact on rubber around bead wires

FORT RDT



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
24.00R35	E4	★★	17.00-3.5	79	63	209 B	TL	C1/CS/H2	22



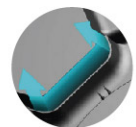
Better traction performance and less tire spin

Special Tread Design



Excellent cut resistance performance

Special Cut Resistance Compound



Longer Mileage

Big Block Design for better wearing resistance performance

ETDT



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
18.00R33	E4	★★	13.00-2.5	66	52.5	191 B	TL	C1/CS/H2	38
21.00R35	E4	★★	15.00-3.0	74	58.5	201 B	TL	C1/CS/H2	26
24.00R35	E4	★★	17.00-3.5	84	66.5	209 B	TL	C1/CS/H2	22
27.00R49	E4	★★	19.50-4.0	93	74	223 B	TL	C1/CS/H2	12



ETUL+



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
21.00R33	E4	★★	15.00-3.0	66	52.5	200 B	TL	C1/CS/H2	26



ETSD



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R25	E3	★★	11.25-2.0	42	33	177 B	TL	H2	64



ETRT



Excellent traction capacity

Longer mileage

Bigger tread blocks for even tread wear

Better puncture resistance performance

6-layer steel belts provide more protection

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
18.00R25	E4	★★	13.00-2.5	57	45.5	185 B	TL	CS/H2	44

MINING TRUCK

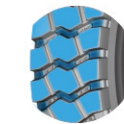


ETOH



Improvement of Operating Rate with Stable Performance

Customized compound for tread with better cut resistance.
Special compound for base rubber with lower heat generation.
Mesh heat releasing groove design.



Longer Service Life

Big block design for better wearing resistance.
Block bridge design for stronger structural stability.

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R25	E3	★★★	10.00-2.0	34	27	169 B/184 A6	TT/TL	C1/CS	108



ETOH



ET618



ET919



ETRT9



ETOK



ETCRANE



SUPER ETOT



ETRT



ET668



ETRTV



ETD2



ETD



ET618



Chunking Resistance Performance

Longitudinal groove design balances the forces on shoulders and effectively avoid shoulder chipping



Lower Heat Generation & Separation Resistance Performance

Horizontal groove & shoulder "U"-shaped groove design
Low heat generation & wear resistance compound
Thicker rubber between steel belts for lower heat generation



Higher Working Efficiency

Big block pattern design for better cut resistance performance and excellent self-cleaning performance which help increase efficiency .

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R25	E3	★★★	10.00-2.0	33	26	169 B/184 A6	TT/TL	C1/CS	-

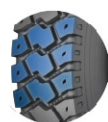


ET919



+30% Longer Service Life

Diamond holes on shoulders will effectively improve heat dissipation and increase tire life for long one-way distance application



Chunking & Separation Resistance Performance

High quality imported carbon black for lower heat generation
Reinforced shoulder design & Horizontal pattern design will effectively avoid shoulder chunking

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R25	E3	★★★	10.00-2.0	31	25	169 B/184 A6	TT/TL	CS	-
16.00R25	E3	★★★	11.25-2.0	31	25	180 B/193 A6	TT/TL	CS	-

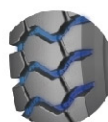


ETRT9



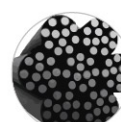
Longer Service Life & Lower CPK-M/CPH

S-shaped big block design. The pattern saturation will increase by 5% when tread wears 5mm, which will effectively resist cutting and increase tire life



Higher Working Efficiency

32° Polyline groove design for better self-cleaning performance and traction capacity, which helps increase efficiency.



Better Heavy Load Capacity

Ultra high-tensile steel wires from renowned supplier form reinforced carcass with higher load capacity.

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R25	E4	★★★	10.00-2.0	47	37.5	169 B/184 A6	TT	C1/CS	96



ETOK



Higher Working Efficiency

Unique Cross-shaped Pattern Design for better heat dissipation performance and higher working efficiency
Thicker rubber between steel belts for less friction and lower heat generation



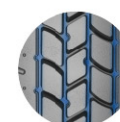
Improved Tread and Sidewall Protection

Reinforced tire carcass and ribs on tire tread provide better resistance to cuts and punctures.

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R25	E3	★★★	10.00-2.0	34	27	169 B/184 A6	TT/TL	C1/CS	-



ETCRANE



Designed for Long Distance Application ≥ 7km

Four-Groove design for lower heat generation, which is perfect for long distance application



Higher Fuel-efficiency

Vertical pattern design & High-quality rubber materials will effectively reduce rolling resistance
More balanced force distribution

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R25	E2	★★★	11.25-2.0	31	25	180 B/193 A6	TT/TL	CS/H1	80



SUPER ETOT



Extended Service Life

Reinforced tire carcass and ribs on tire tread provide better resistance to cuts and punctures. Thicker rubber between steel belts for less friction and lower heat generation



Better Cut Resistance Performance

Horizontal big block design helps resist cuts



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R25	E3	★★★	11.25-2.0	40	32	180 B/193 A6	TT/TL	C1/CS	60



ETRT

Excellent traction capacity

Deeper tread depth and special tread grooves for mud shedding

Longer mileage

Bigger tread blocks for even tread wear

Better puncture resistance performance

6-layer steel belts provide more protection



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
18.00R25	E4	★★★	13.00-2.5	57	45.5	185 B	TL	CS/C1	-



ET668



Lower Heat Generation & Chipping Resistance Performance

Horizontal groove & shoulder "U"-shaped groove design and thicker rubber between steel belts for lower heat generation. Reinforced shoulder ribs improve the rigidity of shoulder blocks.



Explosion-proof & Slipping Resistance Performance

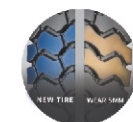
Horizontal pattern design avoids slipping. Reinforced tread design for explosion-proof performance



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R25	E3	★★★	11.25-2.0	34	27	180 B/193 A6	TT/TL	C1/CS	-

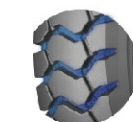


ETR TV



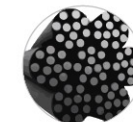
Longer Service Life & Lower CPKM/CPH

S-shaped big block design. The pattern saturation will increase by 5% when tread wears 5mm, which will effectively resist cutting and increase tire life



Higher Working Efficiency

32° Polyline groove design for better self-cleaning performance and traction capacity, which helps increase efficiency.



Better Heavy Load Capacity

Ultra high-tensile steel wires from renowned supplier form reinforced carcass with higher load capacity.



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R25	E4	★★★	11.25-2.0	53	42	180 B/193 A6	TT/TL	C1/CS	60



ETDT2

Excellent heat dissipation

More suitable for longer one-way distance and higher speed

Exceptional traction performance

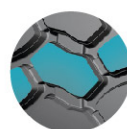
Reinforced tire bead for better load-carrying capacity



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
18.00R33	E4	★★★	13.00-2.5	60	47.5	191 B	TL	CS/C1	38



ETDT



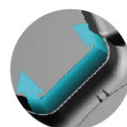
Better traction performance and less tire spin

Special Tread Design



Excellent cut resistance performance

Special Cut Resistance Compound



Longer Mileage

Big Block Design for better wearing resistance performance



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
18.00R33	E4	★★★	13.00-2.5	66	52.5	191 B	TL	CS/C1	38

LHD & UNDERGROUND TRUCK





PROLHD



ETSM



Reduced Partial Damage

A more uniform tire profile brings even load distribution that improves the tire's wear-resistant performance.



Improved Durability

The innovative manufacturing process helps reduce the fatigue of rubber and provides higher TKPH rating.



Better Cut-resistant Performance

Brand-new tire rubber and reinforcement materials are adopted to provide more protection against cuts and wear.



Reduced Partial Damage

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Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
12.00R24	L5S	★★	8.50-1.3	69	55	175 A2	TT	C2	148
14.00R24	L5S	★★	10.00W	73	58	186 A2	TT	C2	102
18.00R25	L5S	★★	13.00-2.5	110	87	204 A2	TL	C2	40
17.5R25	L5S	★★	14.00-1.5	98	78	182 A2	TT/TL	C2	64
26.5R25	L5S	★★	22.00-3.0	122	97	209 A2	TL	C1/C2	28
29.5R29	L5S	★★	25.00-3.5	132	105	218 A2	TL	C2	24

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
10.00R20	L4S	★★	7.50	45	35.5	166 A2	TL/TT	C1	270
12.00R20	L5S	★★	8.50-1.3	59	46.5	171 A2	TT	C1	202
18.00R25	L5S	★★	13.00-2.5	99	78.5	204 A2	TL	C2	44
17.5R25	L5S	★★	14.00-1.5	80	63.5	182 A2	TT/TL	C2	72
26.5R25	L5S	★★	22.00-3.0	111	88.5	209 A2	TL	C2	28
29.5R25	L5S	★★	25.00-3.5	124	98.5	216 A2	TL	C2	24
29.5R29	L5S	★★	25.00-3.5	124	98.5	218 A2	TL	C2	24
35/65R33	L5S	★★	28.00-3.5	121	96	224 A2	TL	C2	18



TKUM II



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Type	Stuffing Qty/40HQ
				32nds	mm		
12.00-20	L5S	28PR	8.5	84	67	TT	170
12.00-24	L5S	24PR	8.5	69	55	TT	160
14.00-24	L5S	28PR	10.0	97	77	TT	100
17.5-25	L5S	24PR	14.00-1.5	103	82	TT/TL	64



ETST



Better cut and puncture resistance

Reinforced Multi-layer Steel Belts on tread section



Stronger casing for better impact resistance

Virtual Dual-ply Casing



Higher load capacity

Strengthened Steel Cords on bead area

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R24	E4/L4	★★★	10.00-2.0	44	35	176 A4	TT	C2	102
18.00R25	E4	★★	13.00-2.5	59	47	199 A4	TL	C2	44



ETUM



Extra-long service life

Specialized Tread Design provide superb resistance to cuts and punctures

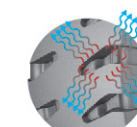
Customized Tread & Base Rubber Compound Design



Exceptional heavy load performance

Ultra-durable Casing

Reinforced Bead Design



2-stage lug design

Improved Heat Dissipation from shoulders

Deep Grooves improve traction in the lateral direction

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R25	E4/L4	★★	11.25-2.0	68	54	186 A4/195 A2	TT/TL	C2	64



ETNT



Higher load capacity and inflation pressure

+6% extra steel cords

+14% wider metallic bead bundle

Stronger carcass structure

6-ply tire structure design

Minimized downtime

Compared with the ★ ★ design, the new

★ ★ ★ ★ design excels in -

+20% belt structural strength

+60% load capacity

-20% sidewall deflection

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
26.5R25	E4	★★	22.00-3.0	69	55	193 B	TL	C2	34
29.5R25	E4	★★	25.00-3.5	69	55	200 B	TL	C1	24
29.5R29	E4	★★	25.00-3.5	73	58	202 B	TL	C2	24
35/65R33	E4/L4	★★★★	28.00-3.5	76	60.5	225 A8/229 A2	TL	C2	18



TKUS



Better cut & puncture resistance performance



Block Bridge Design for tire tread



Strengthen Framework Design with multilayer for less sidewall damage



Longer service life

High-SAT Pattern Design for better wearing resistance performance



Good traction capacity

Tractive Pattern Design

Size	Star Rating	Rim Width & Flange	Tread Depth		Type	Stuffing Qty/40HQ
			32nds	mm		
300-15	20PR	8.00D	30	24	TT	350
9.00-20	14PR	7.0	30	24	TT	316
10.00-20	20PR	7.5	43	34	TT	250
12.00-20	24PR	8.5	48	38	TT	208

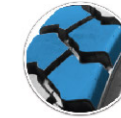


4KLIFT-D



Excellent cut resistance performance

Customized Cut Resistance Compound



More stability for underground mine

Wider Tread Design with better grip performance



Better heavy load capacity

Reinforced Carcass Design

Size	Star Rating	Rim Width & Flange	Tread Depth		Type	Stuffing Qty/40HQ
			32nds	mm		
8.25-15	16PR	6.5	40	32	TT	60



TKPORTH



Better puncture resistance performance

Wider Tread Design for better traction performance
Deeper Block Pattern

Excellent heavy load capacity

Reinforced Carcass Design
Upgraded Bead Design

Longer service life with retread capacity

Wearing Resistance Compound for tire tread

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Type	Stuffing Qty/40HQ
				32nds	mm		
12.00-20	E4	24PR	8.5	57	45	TT	170
12.00-24	E4	24PR	8.5	68	54	TT	160
14.00-24	E4	28PR	10.00	72	57	TT/TL	100
14.00-25	E4	28PR	10.00-1.5	72	57	TT	100
16.00-25	E4	32PR	11.25-2.0	78	62	TT	64

LOADER



ETDL5



Better impact resistance performance

Armor Sidewall Design

Better puncture resistance performance

Deeper OTD Design

Better heavy load capacity

Strengthen Structure Design

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
17.5R25	L5	★★	14.00-1.5	83	65.5	182 A2	TL	C1	64
20.5R25	L5	★★	17.00-2.0	96	76	193 A2	TL	C1	48
23.5R25	L5	★★	19.50-2.5	106	84.5	201 A2	TL	C1	36
26.5R25	L5	★★	22.00-3.0	118	93.5	209 A2	TL	C1	28
29.5R25	L5	★★	25.00-3.5	127	101	216 A2	TL	C1	24
29.5R29	L5	★★	25.00-3.5	127	101	218 A2	TL	C1	24
35/65R33	L5	★★★★	28.00-3.5	120	95	225 A8/229 A2	TL	C1	18



ETDL5S



Excellent puncture resistance performance

Reinforced Steel Belt Inside Design

Anti-Scratching Compound

Better cut resistance performance

Strengthen Block Bridge Design

Ultra Cut Resistance Compound

Better heavy load capacity

2 Ply Carcass Design

Reinforced Chafer Design

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
20.5R25	L5	★★	17.00-2.0	86	68.5	193 A2	TL	C2	56
23.5R25	L5	★★	19.50-2.5	94	75	201 A2	TL	C2	36
26.5R25	L5	★★	22.00-3.0	106	84.5	209 A2	TL	C2	28
29.5R25	L5	★★	25.00-3.5	117	92.5	216 A2	TL	C1	24



ETD2S

Better heat releasing performance

Deeper OTD Design

Less cutting and scrape on tire shoulder

Extra Rubber Design on shoulder

Suitable for various road condition

Traction Pattern Design



ETD2

Better heat releasing performance

Deeper OTD Design

Less cutting and scrape on tire shoulder

Extra Rubber Design on shoulder

Suitable for various road condition

Traction Pattern Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
20.5R25	L5	★★	17.00-2.0	88	70	193 A2	TL	C1	48
23.5R25	L5	★★	19.50-2.5	94	75	201 A2	TL	C1/C2	36
26.5R25	L5	★★	22.00-3.0	106	84.5	209 A2	TL	C1	28

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
29.5R25	L5	★★	25.00-3.5	116	92	216 A2	TL	C1	24
29.5R29	L5	★★	25.00-3.5	116	92	218 A2	TL	C1	24



MATE D2S



Better impactresistance performance
High Strength Structural Design



Better stability of block and less groove crack
Block Bridge Design



Better traction capacity



20.5R25 23.5R25 26.5R25 29.5R25

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/ Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
20.5R25	L5	★★	17.00-2.0	87	69	193 A2	TL	C1	49
23.5R25	L5	★★	19.50-2.5	89	71	201 A2	TL	C1	42
26.5R25	L5	★★	22.00-3.0	101	80	209 A2	TL	C1	35
29.5R25	L5	★★	25.00-3.5	112	89	216 A2	TL	C1	24

ADT



SUPER ADT



PROADT



ETADT





SUPER ADT



Customized compound solutions for different conditions

CS compound for soft road condition
C1 compound for rocky road condition
C2 compound for extreme road condition



+30% service life improvement

+11% wider tread width
+17% deeper original tread depth



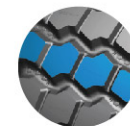
Performance Guarantee



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
29.5R25	E4	★★	25.00-3.5	82	65	200 B	TL	C1/C2/CS	25
33.25R29	E4	★★	27.00-3.5	84	67	209 B	TL	C2/CS	17



PROADT



Longer service life

Big Block Design for bigger contact area from top to the bottom after wearing
Arc Groove Design for preventing groove crack



Better protection for sidewall

Anti-crack Sidewall Compound for higher aging resistance performance and less sidewall crack



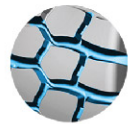
Performance Guarantee



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
23.5R25	E3/L3	★★	19.50-2.5	46	36.5	185 B/201 A2	TL	C1/CS	44
26.5R25	E3/L3	★★	22.00-3.0	53	42	193 B/209 A2	TL	C1/CS	35
29.5R25	E3/L3	★★	25.00-3.5	54	43	200 B/216 A2	TL	C1/CS	25



ETADT



Suitable for wet & muddy road and preventing slide skidding

Vertical & Horizontal Groove Design



Better puncture & impact resistance performance

Strengthen Steel Belts Design & 7 Safety Coefficient Casing Ply Design



Longer mileage

Bigger Footprint Design for better wearing resistance performance



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
23.5R25	E4	★★	19.50-2.5	59	47	185 B	TL	H2/CS	44
26.5R25	E4	★★	22.00-3.0	64	50.5	193 B	TL	H2/CS	35
29.5R25	E4	★★	25.00-3.5	70	55.5	200 B	TL	H2/CS/C1	25
29.5R29	E4	★★	25.00-3.5	70	55.5	202 B	TL	H2/CS	24
600/65R25	E3/L3	★★	19.50-2.5	43	34.5	178 B/187 A2	TL	H2/R1	54
650/65R25	E3/L3	★★	19.50-2.5	47	37	180 B/193 A2	TL	H2/C1/R1	50
750/65R25	E3/L3	★★	24.00-3.0	54	43	190 B/202 A2	TL	R1/C1	29
875/65R29	E3/L3	★★	28.00-3.5	64	51	203 B/214 A2	TL	R1/C1	19



CONSTRUCTION APPLICATION

TECHKING OTR TIRES

LOADER, DOZER & GRADER



MATE-S L3

Outstanding traction and mud clearing performance

More control ability in demanding loader applications

Better wear resistance for longer life

Reinforced Block Bridge design on tread centre
Wear resistant compound



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/ Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
17.5R25	L3	★★	14.00-1.5	34	27	182 A2	TL	C1	90
20.5R25	L3	★★	17.00-2.0	37	29	193 A2	TL	C1	64
23.5R25	L3	★★	19.50-2.5	42	33	201 A2	TL	C1	44
26.5R25	L3	★★	22.00-3.0	44	35	209 A2	TL	C1	35



MATE E3L3



PROADT

MATE L3

Better traction performance

Block Pattern Design

Better wearing resistance performance

Special Tread Formula

MATE E3L3

Longer tire life

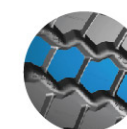
OTD 7% deeper than normal design
(20.5R25 and 23.5R25 only)

Improvement of controllability

Special Traction Pattern Design for
loader application

Better wearing resistance performance

Special Tread Formula



Longer service life

Big Block Design for bigger contact area from top
to the bottom after wearing
Arc Groove Design for preventing groove crack



Better protection for sidewall

Anti-crack Sidewall Compound for higher
aging resistance performance and less
sidewall crack



Performance Guarantee



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
15.5R25	G3/L3	★★	12.00-1.3	33	26	161 A8/176 A2	TL	C1	100
17.5R25	G3/L3	★★	14.00-1.5	33	26	162 A8/182 A2	TL	C1	83
20.5R25	E3/L3	★★	17.00-2.0	40	32	177 B/193 A2	TL	C1	64
23.5R25	E3/L3	★★	19.50-2.5	44	35	185 B/201 A2	TL	C1	44
26.5R25	E3/L3	★★	22.00-3.0	45	36	193 B/209 A2	TL	C1	35

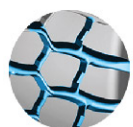
Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
23.5R25	E3/L3	★★	19.50-2.5	46	36.5	185 B/201 A2	TL	C1	44
26.5R25	E3/L3	★★	22.00-3.0	53	42	193 B/209 A2	TL	C1	35
29.5R25	E3/L3	★★	25.00-3.5	54	43	200 B/216 A2	TL	C1	25



ETADT



MATE G2



Suitable for wet & muddy road and preventing slide skidding

Vertical & Horizontal Groove Design



Better puncture & impact resistance performance

Strengthen Steel Belts Design & 7 Safety Coefficient Casing Ply Design



Longer mileage

Bigger Footprint Design for better wearing resistance performance



Excellent traction & self-cleaning capacity

Cut resistance for longer tire life



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
600/65R25	E3/L3	★★	19.50-2.5	43	34.5	178 B/187 A2	TL	H2/R1	54
650/65R25	E3/L3	★★	19.50-2.5	47	37	180 B/193 A2	TL	H2/C1/R1	50
750/65R25	E3/L3	★★	24.00-3.0	54	43	190 B/202 A2	TL	R1/C1	29
875/65R29	E3/L3	★★	28.00-3.5	64	51	203 B/214 A2	TL	R1/C1	19

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R24	G2	★★	8.00-1.4	31	25	155 A8	TL	C1	113



ETGRADER

Excellent self-cleaning performance

Crosswise Diversion Design for ice and water

Better traction capacity

Shoulder Staggered Block Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
16.00R24	G2	★★	10.00-1.7	33	26	163 A8	TL	C1	80



SNOWKING

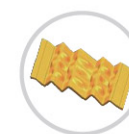


-40°C to 40°C with better traction performance

Natural Rubber Raw Materials for soft tread rubber at low temperature

4+5 Block Design

All-Season design with New SNOWBEAR Compound



Longer service life

3D Sipe Design with better self-cleaning performance for mud and ice shedding

Big Block Design with better wearing resistance performance



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
17.5R25	E2/L2	★★	14.00-1.5	35	28	167 B/182 A2	TL	SNOW	90
20.5R25	E2/L2	★★	17.00-2.0	39	31	177 B/193 A2	TL	SNOW	64
23.5R25	E2/L2	★★	19.50-2.5	43	34	185 B/201 A2	TL	SNOW	44



ETGRADER2



Better self-cleaning performance

Mud-Shy Design



Better traction capacity

Bigger Wave Pattern Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R24	G2/L2	★★	8.00-1.4	31	25	155 A8	TL	C1	122



ETSNOW

Better traction and braking performance

All-Season Compound especially fit for ice and snow road condition

"Centipede" Tread Design for better grip capacity

Time proved product

Proved in North Europe and Canada over 10 years



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R24	G2/L2	★	8.00TG	28	22	153 A8	TL	SNOW	116
14.00R25	E2	★★★	10.00-1.5	28	22	170 E	TL	SNOW	116
15.5R25	L2	★★	12.00-1.3	30	24	176 A2	TL	SNOW	100
16.00R25	E2	★★★	11.25-2.0	33	26.5	177 E	TL	SNOW	80
26.5R25	E2/L2	★★	22.00-3.0	45	35.5	209 A2	TL	SNOW	35
29.5R25	E2/L2	★★	25.00-3.5	53	42	216 A2	TL	SNOW	25



MATE SNOW

Excellent self-cleaning performance

Crosswise Diversion Design for ice and water

Better traction capacity

Shoulder Staggered Block Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
17.5R25	E2/L2	★★	14.00-1.5	35	28	167 B/182 A2	TL	SNOW	83
20.5R25	E2/L2	★★	17.00-2.0	39	31	177 B/193 A2	TL	SNOW	64
23.5R25	E2/L2	★★	19.50-2.5	43	34	185 B/201 A2	TL	SNOW	44

CRANE



MATE SNOW E



Excellent Traction for Higher Operational Efficiency

The lateral sipes and zig-zag shoulder blocks improve the tire's maneuverability



Re-designed Sidewall for Lower Maintenance Costs

The circular band provides more protection against cuts and punctures



Exceptional Driving Comfort

The light-duty design and special tire casing give a better driving experience



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
17.5R25	E2/L2	★★	14.00-1.5	31	25	167 B/182 A2	TL	SNOW	83
20.5R25	E2/L2	★★	17.00-2.0	35	28	177 B/193 A2	TL	SNOW	64
23.5R25	E2/L2	★★	19.50-2.5	39	31	185 B/201 A2	TL	SNOW	44



ETCRANE



ETCRANE2



ETCRANE L



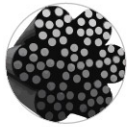
ETGC



SNOWKING L



ETCRANE



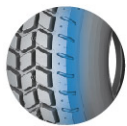
+10% durability increase by improving twisting method
+36% improvement of impact resistance

+5% strength improvement of single steel cord



Better operational stability with more uniform force distribution

The force on the shoulder balances the force on the crown, which improving the wear resistance of the crown.



Minimized irregular wear

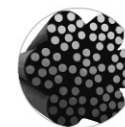
Semi-closed Shoulder Design effectively reduces the irregular wear



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
385/95R24	E2	★★★	10.00W	28	22	170 F	TT	H1	116
385/95R25	E2	★★★	10.00-1.5	28	22	170 F/170 G	TL	H1	116
445/95R25	E2	★★★	11.25-2.0	31	25	174 F	TL	H1	80
445/80R25	E2	★★★	14.00-1.5	31	25	170 F	TL	H1	90



ETCRANE L



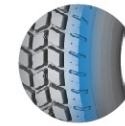
+10% durability increase by improving twisting method
+36% improvement of impact resistance

+5% strength improvement of single steel cord



Better operational stability with more uniform force distribution

The force on the shoulder balances the force on the crown, which improving the wear resistance of the crown.



Minimized irregular wear

Semi-closed Shoulder Design effectively reduces the irregular wear



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
525/80R25	E2	★★★	17.00-2.0	35	28	177 F	TL	H1	64



ETCRANE2



10% longer service life than first generation product

10mm Wider Tread Design for bigger contact area and more even shoulder wearing



Safer driving experience

Fortitude Shoulder Design for less heat generation caused by deflection



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
385/95R25	E2	★★★	10.00-1.5	28	22	170 F	TL	H1	116



ETGC

Excellent high speed performance

Special Tread Rubber Compound Design for better heat releasing performance

Better handling performance

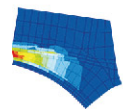
Non-directional Tread Design
Block Bridge Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
505/95R25	E2	★★★	13.00-2.5	34	27	186 E	TL	H1	44
525/80R25	E2	★★★	17.00-2.0	38	30	177 F	TL	H1	64

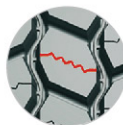


SNOWKING L



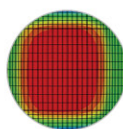
Better high speed and long haul performance

Updated Internal Structure & Special Tread Compound



Excellent wearing and slipping resistance performance

3D Sipe Tread Design



Reduce uneven wearing effectively and balancing crown stress distribution



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
385/95R25	E2	★★★	10.00-1.5	29	23	170 E	TL	SNOW	116





DK22



Longer mileage

Deeper Tread Depth Design
Bigger Block Design can lower the risk of impact
Sidewall Protection Ring could prevent the cutting on the sidewall efficiently

Better traction ability

Wider Groove Design

'AGRI' Compound Inside

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/ Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
24R20.5	E7	16	18.00	26	21	176 F	TL	C1	54



DK20



Excellent traction capacity

River-Groove Design for better self-cleaning performance on muddy road

Better heavy load capacity

High Density Steel Design for agricultural transportation

Sustainable production

Environmentally friendly formula complies with EU REACH regulation

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/ Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
24R20.5	E7	16	18.00	24	19	176 F	TL	C1	54



ETMT



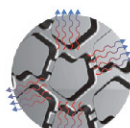
Providing better traction capacity and more stable controllability at high speed

Block Bridge Design



Better ground gripping capacity when sprinting or braking

Climbing Boots Design



Less heat generation and better heat dissipation performance at high speed

Small Block Design



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
24R21	E7	16	18.00-1.5	29	23	176 G	TL	H1	54



ETPORTM

Good heat releasing performance

Open Shoulder Pattern Design

Excellent wearing resistance performance

IND Wearing Resistance Compound

Good heavy load capacity

Port-specific Design with strong tire bead



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
12.00R20	IND4	★★	8.5	50	40	176 A5	TT	IND	175
12.00R24	IND4	★★	8.5	50	40	178 A5	TT/TL	IND	148



ETPORTM+



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
14.00R24	IND4	★★★	10.00W	79	62.5	196 A5	TL	IND	80



INFLATION PRESSURE TABLES FOR TECHKING OTR TIRES

1. EARTHMOVER SERVICE

Max. Speed: 50km/h (30mph) for earthmover or mining service

One-way distance: up to 4km (2.5 miles)

Articulated Dump Truck

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
17.5R25	Front	450	65	4750	10450
	Middle/Rear	525	73	5150	11330
20.5R25	Front	450	65	6500	12800
	Middle/Rear	525	76	7300	16060
23.5R25	Front	450	65	8250	18150
	Middle/Rear	525	76	9250	20350
26.5R25	Front	450	65	10300	22660
	Middle/Rear	525	76	11500	25300
29.5R25	Front	450	65	12500	27500
	Middle/Rear	525	76	14000	30800
29.5R29	Front	450	65	13200	29040
	Middle/Rear	525	76	15000	33000
650/65R25	Front	475	69	8000	17600
	Middle/Rear	475	69	8000	17600
750/65R25	Front	475	69	10600	23320
	Middle/Rear	475	69	10600	23320
850/65R25	Front	475	69	12500	27500
	Middle/Rear	475	69	12500	27500
875/65R29	Front	475	69	15000	33000
	Middle/Rear	475	69	15000	33000
33.25R29	Front	475	69	17000	37500
	Middle/Rear	525	76	18500	40800

Mining Truck (Chinese Dump Truck)

Max. Speed: 30km/h (18.6mph) for earthmover or mining service

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
14.00R25	Front	1200	174	9000	19900
	Rear	1200	174		
16.00R25	Front	1200	174	11500	25400
	Rear	1200	174		
18.00R25	Front	1100	160	13000	28700
	Rear	1100	160		
18.00R33	Front	1000	145	15000	33100
	Rear	1000	145		

Rigid Dump Truck

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
14.00R24	Front	700	102	5800	12760
	Rear	750	109	6010	13222
14.00R25	Front	700	102	5800	12760
	Rear	750	109	6010	13222
13.00R25	Front	750	109	4875	10725
	Rear	825	120	5400	11880
16.00R25	Front	600	87	6500	14300
	Rear	700	102	7300	16100
18.00R25	Front	700	102	9250	20350
	Rear	750	110	9750	21450
18.00R33	Front	700	102	10900	24000
	Rear	800	116	11660	25650
21.00R33	Front	700	102	14000	30900
	Rear	800	116	14980	32950
21.00R35	Front	700	102	14500	32000
	Rear	800	116	15500	34100
24.00R35	Front	700	102	18500	40800
	Rear	700	116	19700	43340
27.00R49	Front	700	102	27250	60000
	Rear	700	102		
30.00R51	Front	700	102	33500	74000
	Rear	700	102		
33.00R51	Front	700	102	38750	85500
	Rear	700	102		
37.00R57	Front	700	102	51500	113500
	Rear	700	102		
40.00R57	Front	700	102	60000	132500
	Rear	700	102		
46/90R57	Front	700	102	63000	139000
	Rear	700	102		
50/80R57	Front	600	87	73000	161000
	Rear	600	87		

2. LOADER SERVICE

Max. Speed: 10 km/h (5 mph) for loaders & dozers

One-way distance: up to 76m (250 ft)

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
335/80R20 (12.5R20)	front	375	54	3075	6800
	rear	375	54	3075	6800
365/80R20 (14.5R20)	front	375	54	3650	8000
	rear	375	54	3650	8000
405/70R20 (16/70R20)	front	375	54	3900	8600
	rear	375	54	3900	8600
15.5R25	front	650	94	7100	15700
	rear	550	80	6300	13900
17.5R25	front	650	94	8500	18700
	rear	550	80	7500	16500
20.5R25	front	650	94	11500	25400
	rear	550	80	10000	22000
23.5R25	front	650	94	14500	32000
	rear	550	80	12850	28300
26.5R25	front	650	94	18500	40800
	rear	550	80	16000	35300
29.5R25	front	650	94	22400	49400
	rear	550	80	19500	43000

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
29.5R29	front	650	94	23600	52000
	rear	550	80	20600	45400
35/65R33 ★★	front	650	94	28000	61500
	rear	550	80	25000	55100
35/65R33 ★★★★	front	800	116	32500	71660
	rear	700	102	30000	66150
600/65R25	front	500	73	9750	21450
	rear	400	58	8500	18700
650/65R25	front	500	73	11500	25300
	rear	400	58	10000	22000
750/65R25	front	500	73	15000	33100
	rear	400	58	12500	27600
850/65R25	front	500	73	17500	37500
	rear	400	58	13680	30100
875/65R29	front	500	73	21200	46640
	rear	400	58	18500	40700

3. UNDERGROUND MACHINES SERVICE

Underground Truck

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
14.00R24	Front	800	116	7350	16200
	Rear	825	120	7450	16430
16.00R25	Front	800	116	9800	21600
	Rear	825	120	9970	21990
18.00R25	Front	800	116	10900	24000
	Rear	825	120	11000	24250
26.5R25	Front	700	102	17000	37400
	Rear	700	102	17000	37400
29.5R25	Front	700	102	20600	45320
	Rear	700	102	20600	45320
29.5R29	Front	700	102	21800	47960
	Rear	700	102	21800	47960
35/65R33 ★★★★	Front	800	116	29000	63945
	Rear	800	116	29000	63945

Load-Haul-Dumper

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
10.00R20	Front	950	138	5300	11660
	Rear	950	138	5300	11660
12.00R20	Front	825	120	6150	13530
	Rear	800	116	5965	13123
12.00R24	Front	825	120	6900	15200
	Rear	800	116	6700	14700
14.00R24	Front	800	116	9500	20940
	Rear	800	116	9500	20940
18.00R25	Front	825	120	16000	35300
	Rear	800	116	15500	34200
17.5R25	Front	675	98	8500	18700
	Rear	650	94	8250	18200
20.5R25	Front	675	98	11700	25800
	Rear	650	94	11500	25400
23.5R25	Front	675	98	14750	32500
	Rear	650	94	14500	32000
26.5R25	Front	675	98	18850	41550
	Rear	650	94	18500	40800
29.5R25	Front	675	98	22800	50300
	Rear	650	94	22400	49400
29.5R29	Front	675	98	24000	52950
	Rear	650	94	23600	52070
35/65R33 ★★	Front	675	98	28000	61500
	Rear	650	94	28000	61500
35/65R33 ★★★★	Front	800	116	32500	71660
	Rear	800	116	32500	71660

4. HIGH-SPEED SERVICE

- ETGC pattern: Max. Speed: 70km/h (44mph)
- ETCRANE, ETCRANE2, ETCRANE L pattern: Max. Speed: 80 km/h (50 mph)
- ETCRANE(170G), CRANE80 pattern: Max. Speed: 90 km/h (56 mph)

Size	Pattern	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
385/95R24 (14.00R24)	ETCRANE	1000	145	6000	13230
385/95R25 (14.00R25)	ETCRANE	1000	145	6000	13230
445/95R25 (16.00R25)	ETCRANE	900	131	6700	14740
505/95R25 (18.00R25)	ETGC	900	131	9500	20948
445/80R25 (17.5R25)	ETCRANE	700	102	6000	13230
525/80R25 (20.5R25)	ETGC ETCRANE L	700	102	7300	16060

Note: Consult a rim manufacturer when inflation pressure exceeds 800kPa(116psi).

5. GRADER SERVICE

Max. Speed: 40 km/h (25 mph)

Size	Position	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
15.5R25	Front	400	58	5000	11000
	Mid.&Rear	500	73	5625	12375
17.5R25	Front	425	62	5500	12100
	Mid.&Rear	500	73	5985	13167
20.5R25	Front	425	62	6150	13530
	Mid.&Rear	500	73	6690	14718
23.5R25	Front	425	62	7500	16500
	Mid.&Rear	500	73	8160	17952
13.00R24	Front	450	65	3000	6600
	Mid.&Rear	525	76	3250	7150
14.00R24	Front	450	65	3875	8525
	Mid.&Rear	525	76	4200	9240
16.00R24	Front	425	62	4875	10725
	Mid.&Rear	500	73	5280	11616

Notes:
For slope and ditching service, inflation pressure should be increased by 100kPa(15psi) with no increase in load rating.

6. INDUSTRIAL SERVICE (ETPORTM)

Maximum Speed: 25 km/h (16 mph)

Size	Inflation Pressure		Load Capacity	
	kPa	psi	kg	lbs
12.00R24	1000	145	8600	19000
14.00R24	1000	145	12500	27563
16.00R25	1000	145	15190	33490
18.00R25	1000	145	21250	46856
18.00R33	1000	145	24375	53747

Notes:
Consult a rim manufacturer when inflation pressure exceeds 800kPa(116psi).

7. SAND SERVICE

Size	Pattern	Inflation Pressure (bar)		
		Paved Road	Mix Road	Sand Road
14.00R20	ETMT	8	6.5	4.5
	ETSA	7.5	6	4.5
23.5R25	ETSA	6.0	5.0	3.3
29.5R25	ETSA	6	5	3.3

24R20.5 Load Capacities & Pressure

Load Capacity (kg)	Paved Road (Max. Speed:80km/h)		Field (Max. Speed: 50km/h)	
	kPa	psi	kPa	psi
3850			260	38
4300			300	44
5280	400	58		
5960	500	73		
6550	600	87		
7100	690	100		

24R21 Load Capacities & Pressure

Load Capacity (kg)	Paved Road (max:90 km/h)		Field (max:50 km/h)	
	kPa	psi	kPa	psi
3850			260	38
4300			300	44
5280	400	58		
5960	500	73		
6550	600	87		
7100	690	100		

LOAD INDEX TABLES FOR TECHKING OTR TIRES

1. LOAD CAPACITIES FOR EARTHMOVER SERVICE

(1) Excess Loads

Due to the specialized nature of Off-The-Road vehicle usage, loads in excess of those in the appropriate above-listed load tables are often encountered. These excess loads result from items such as actual vehicle weight exceeding the design weight, varying density of materials, field modifications to the equipment, load transfer, etc. Only under these conditions, the actual tire load in service may exceed the above load ratings in the tables(R1, R2) for the tire by an amount not greater than shown in the following table:

	Maximum Excess Loads	
	Load	*Pressure
Radial Tires	7%	14%

* When excess loads are encountered, cold inflation pressures must be increased to compensate for higher loads. For each 1% increase in load, the inflation pressure must be increased by 2%. The inflation pressure should not exceed 825kPa (120psi).

(2) The Variation in Load Carrying Capacity with Speed

Operating Speed (km/h)	Variation in Load Capacity(%)		
	E2,E3,E4		
<15	*		
15	12%		
20	10%		
25	8%		
30	6%		
35	4%		
40	3%		
45	2%		
50	0		
(Reference Speed for Earthmover Service)			
SPEED	E2	E3	E4
55	-2%	-2%	*
60	-6%	/	/
65	-12%	/	/
> 70	/	/	/

* Consult a TECHKING Representative

FOR GRADER:

Operating Speed (km/h)	Variation in Load Capacity(%)
	GRADER
<15	*
15	12%
20	8%
25	6%
30	4%
35	2%
40	0
45	-4%
50	-9%
55	-14%
60	-18%
>60	/

* Consult a Techking representative

2. LOAD CAPACITIES FOR LOADER & DOZER SERVICE

(1) Excess Loads

Due to the specialized nature of Off-The-Road vehicle usage, loads in excess of those in the appropriate above-listed load tables are often encountered. These excess loads result from items such as actual vehicle weight exceeding the design weight, varying density of materials, field modifications to the equipment, load transfer, etc. Only under these conditions, the actual vehicle weight exceeding the design ratings in the table for the tire by an amount not greater than shown in the following table:

	Maximum Excess Loads	
	Load	*Pressure
Radial Tires	7%	14%

* When excess loads are encountered, cold inflation pressures must be increased to compensate for higher loads. For each 1% increase in load, the inflation pressure must be increased by 2%. The inflation pressure should not exceed 800kPa (120psi).

(2)The Variation in Load Carrying Capacity with Speed--Loader.

Max Speed	% Load Increase
Static	60%
Creep	30%
4km/h(2-1/2 mph)	15%
10km/h(5 mph)	No Change



TKPH (TON-KM-PER-HOUR) RATING TABLE AT 38°C AMBIENT TEMPERATURE

Tires for Earthmover Service (Max. speed limited to 50 km/h)

Size	Pattern	TRA Code	Compound	Max dis/hr (km)	TKPH
14.00R24	ETOT	E3	CS	/	130
	ET919	E3	CS	/	210
14.00R25	ETOH	E3	CS	/	190
	ET618	E3	C1	/	175
			C1	/	175
	ETOK	E3	CS	/	180
			C1	/	160
16.00R25	ETSD	E3	CS	/	128
			H2	/	153
	ETUM	E4	CS	/	92
			CS	/	210
	ET919	E3	C1	/	185
			CS	/	180
	ET668	E3	C1	/	160
18.00R25	ETRTR	E4	C1	/	140
			CS	/	200
18.00R33	ETDT2	E4	CS	26	220
			H2	30	253
	ETDT	E4	C1	20	168
			CS	24	208
	SUPER RDT	E4	C1	18	157
			CS	22	192
	FORT RDT	E4	C1	19	163
			CS	23	202
21.00R33	ETUL+	E4	CS	20	216
			H2	24	268
21.00R35	ETDT2	E4	CS	26	284
			H2	30	332
	ETDT	E4	C1	20	213
			CS	24	264
24.00R35	ETDT2	E4	CS	22	326
			H2	25	370
	ETDT	E4	C1	17	252
			CS	19	281
	MILD TRAC	E4	H2	22	326
			C1	17	252
	SUPER TRAC	E4	CS	20	296
			H2	23	340
	SUPER RDT	E4	C1	17	246
			CS	20	289
	FORT RDT	E4	H2	23	336
			C1	15	222
	SUPER ROCK	E4	CS	17	252
			C1	16	237
385/95R25 (14.00R25)	ETCRANE	E2	CS	18	266
			C1	14	207
385/95R24 (14.00R24)	ETCRANE2	E2	CS	16	237
			C1	16	237
445/95R25 (16.00R25)	ETCRANE	E2	CS	18	266
			C1	14	207
505/95R25 (18.00R25)	ETGC	E2	CS	16	237
			C1	16	237
445/80R25 (17.5R25)	ETGC	E2	CS	16	237
			C1	16	237
525/80R25 (20.5R25)	ETGC	E2	CS	16	237
			C1	16	237

Size	Pattern	TRA Code	Compound	Max dis/hr (km)	TKPH
17.5R25	ET5A	E3	C1	28	140
20.5R25	ET5A	E3	C1	28	190
			C1	28	244
23.5R25	ET6A	E3	CS	28	244
			C1	20	186
	PROADT	E3	CS	28	256
			C1	22	195
	ETADT	E4	C1	16	142
			CS	22	195
26.5R25	ET5A	E4	C1	28	289
			CS	28	289
	ET6A	E3	C1	16	216
			C1	14	200
	ETADT	E4	CS	22	252
			C1	16	215
29.5R25	PROADT	E3	CS	28	295
			C1	14	165
	ETNT	E4	C1	14	165
			CS	28	315
	ET6A	E3	C1	16	262
			C1	16	262
29.5R29	PROADT	E3	CS	28	315
			C1	14	220
	ETNT	E4	C1	14	220
			CS	24	312
	ETADT	E4	C1	20	253
			CS	24	312
33.25R29	SUPER ADT	E4	C1	16	190
			CS	20	266
	ET6A	E3	CS	28	360
			C1	16	296
	ETADT	E4	CS	14	232
			H2	22	306
750/65R25	SUPER ADT	E4	C2	/	230
			CS	/	285
	ETADT	Super E3	CS	28	220
			CS	28	270
	ETNT	E4	CS	28	340
			C1	14	240

Size	Pattern	TRA Code	Compound	Max dis/hr (km)	TKPH
27.00R49	ET304	E4	C1	19	413
			R1	22	480
			H2	24	530
	ET355	E4	C1	16	350
			CS	20	440
			H2	25	550
	SUPER ROCK	E4	C1	19	413
			R1	22	480
			H2	24	530
	SUPER TRAC	E4	C1	20	436
			CS	24	524
			H2	28	610
30.00R51	ETDT	E4	C1	13	350
			CS	17	460
			H2	18	490
	ET355	E4	C1	11	365
			CS	14	475
			H2	18	600
	ET304	E4	C1	16	496
			R1	18	560
			H2	20	630
	ET355	E4	C1	13	420
			CS	17	527
			H2	22	690
33.00R51	SUPER TRAC	E4	C1	17	527
			CS	20	618
			H2	23	713
	ET355	E4	C1	17	650
			R1	22	810
			H2	26	980
	ET304	E4	C1	16	678
			R1	19	805
			H2	21	890
	ET304	E4	C1	15	700
			R1	17	846
			H2	19	920
36.00R51	SUPER ROCK	E4	C1	15	720
			CS	17	840
			H2	20	960
	ET305	E4	C1	16	768
			R1	18	880
			H2	20	960
	ET358	E4	C1	14	860
			R1	16	940
			H2	17	1020
	ET304	E4	C1	14	731
			R1	17	882
			H2	19	983
37.00R57	SUPER ROCK	E4	C1	15	756
			CS	17	877
			H2	20	1008
	ET303	E4	C1	9	550
			R1	11	720
			H2	15	920
	ET358	E4	C1	14	890
			R1	15	970
			H2	17	1040
	ET304	E4	C1	13	759
			R1	16	934
			H2	18	1051

Note:

1. If the ambient temperture is over 38 °C , or the max speed exceeds 50 km/h (or 30 mph), or the haul length exceeds 6 km one way, please consult a Techking Representative.

"2. Techking Tire Compound Symbol

C1 = Cut Resistant. Resistant to cut, tread tearing and abrasion on rough surface. (mainly for mining, quarry area, loader, dozer and truck application)
CS = Cut and Speed compound. The cut resistance compound which also considers speed requirement, for rigid dump truck application at most scenario.
R1 = Standard Compound. Compromise solution between abrasion resistance and average speed on well maintained road.

(mainly for articulated dump truck, loader & dozer application in constrution area)

H2 = Heat Resistant. For running on long cycles at high speed on well maintained road. (mainly for rigid dump truck application)

HS = Heat and Speed Compound. Designed for high ambient temperature, good road condition and high speed requirement.

H1 = High Speed Compound. Very high heating resistance at high speed on long cycles run on well maintained road. (mainly for mobile crane applicaiton)"

LOAD INDEX & MAXIMUM LOAD

LI	maximum load		LI	maximum load		LI	maximum load		LI	maximum load	
	kg	lb		kg	lb		kg	lb		kg	lb
120	1400	3090	160	4500	9920	200	14000	30870	240	45000	99210
121	1450	3200	161	4625	10200	201	14500	31970	241	46250	101960
122	1500	3310	162	4750	10470	202	15000	33070	242	47500	104720
123	1550	3420	163	4875	10750	203	15500	34180	243	48750	107470
124	1600	3530	164	5000	11020	204	16000	35280	244	50000	110250
125	1650	3640	165	5150	11350	205	16500	36380	245	51500	113540
126	1700	3750	166	5300	11690	206	17000	37480	246	53000	117950
127	1750	3860	167	5450	12020	207	17500	38590	247	54500	120150
128	1800	3970	168	5600	12350	208	18000	39690	248	56000	123480
129	1850	4080	169	5800	12790	209	18500	40790	249	58000	127890
130	1900	4190	170	6000	13230	210	19000	41890	250	60000	132300
131	1950	4300	171	6150	13560	211	19500	43000	251	61500	135580
132	2000	4410	172	6300	13890	212	20000	44100	252	63000	138890
133	2060	4540	173	6500	14330	213	20600	45420	253	65000	143300
134	2120	4670	174	6700	14770	214	21200	46750	254	67000	147710
135	2180	4810	175	6900	15210	215	21800	48070	255	69000	152120
136	2240	4940	176	7100	15650	216	22400	49390	256	71000	156530
137	2300	5070	177	7300	16090	217	23000	50700	257	73000	160930
138	2360	5200	178	7500	16530	218	23600	52040	258	75000	165340
139	2430	5360	179	7750	17090	219	24300	53580	259	77500	170660
140	2500	5510	180	8000	17640	220	25000	55120	260	80000	176400
141	2575	5680	181	8250	18190	221	25750	56780	261	82500	181880
142	2650	5840	182	8500	18740	222	26500	58430	262	85000	187390
143	2725	6010	183	8750	19290	223	27250	60070	263	87500	192900
144	2800	6170	184	9000	19840	224	28000	61740	264	90000	198450
145	2900	6390	185	9250	20390	225	29000	63940	265	92500	203920
146	3000	6610	186	9500	20940	226	30000	66150	266	95000	209440
147	3075	6780	187	9750	21500	227	30750	67790	267	97500	214950
148	3150	6950	188	10000	22050	228	31500	69460	268	100000	220500
149	3250	7170	189	10300	22710	229	32500	71660	269	103000	227370
150	3350	7390	190	10600	23370	230	33500	73870			
151	3450	7610	191	10900	24030	231	34500	76070			
152	3550	7830	192	11200	24690	232	35500	78280			
153	3650	8050	193	11500	25360	233	36500	80480			
154	3750	8270	194	11800	26020	234	37500	82690			
155	3875	8540	195	12150	26790	235	38750	85430			
156	4000	8820	196	12500	27560	236	40000	88200			
157	4125	9090	197	12850	28330	237	41250	90940			
158	4250	9370	198	13200	29100	238	42500	93710			
159	4375	9650	199	13600	29990	239	43750	96470			

SPEED SYMBOLS

Symbol	A2	A6	A8	B	C	D	E	F	G
speed(km/h)	10	30	40	50	60	65	70	80	90
speed(mph)	5	20	25	30	35	40	45	50	55



BECOME A LEADING MINING AND CONSTRUCTION TIRE BRAND



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.