



OTR TIRES CATALOGUE

2024 V1.0



Techking Tires Limited

TECHKING TIRES LIMITED

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ABOUT TECHKING

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

Techking focuses on both domestic and overseas markets throughout development. Currently, it works with mining and construction companies in more than 100 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 all terrain crane tire services to China's top 3 crane manufacturers XCMG, SANY, and ZOOMLION. In the overseas markets, Techking renders tire services to more than 40 internationally recognized machinery manufacturers such as Liebherr, Tadano Demag, and JCB. It also gains the recognition of global leading mining companies including Rio Tinto, Glencore, BHP, and Vale.

Focusing on customer value, Techking is developing a Three-level core competitiveness 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 will deeply cultivate mining and construction industries, and provide our customers with application-specific products and professional services.

VISION

Become a leading mining and construction tire brand

VALUE

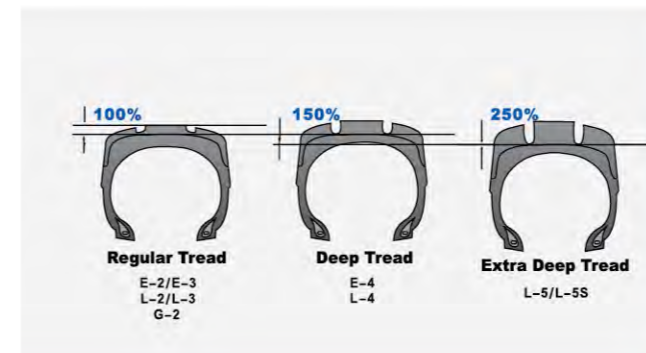
Customer-oriented,
Cooperate with Synergy,
Improve with Consistency,
Do with Responsibility,
Behave with Integrity

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, ETSNOW, MATE SNOW, ETAT, MATE SNOW E	50KM/H	4KM
		SNOWKING L, ETCRANE, ETCRANE2, ETGC, ETCRANE L	70KM/H	/
E-3	Rock Regular	ETSD, ET618, ETOK, ETOH, ET919, ET668, ET688, SUPER ETOT, PROADT, ETADT, MATE E3L3, ET919+, ETTN, ET609, ETCRANE	50KM/H	4KM
E-4	Rock Deep Tread	ET304, ET355, ET358, SUPER ROCK, SUPER TRAC, SUPER RDT, ETD, FORT RDT, ETUL+, ETRT, ETRT9, ETRTV, ETD2, ETST, ETUM, ETNT, SUPER ADT, ETADT, FORT ADT, ET359, ET303+, ET405, SUPER H	50KM/H	4KM
E-7	Flotation	DK20, DK22	80KM/H	/
		ETSA, ETMT	90KM/H	/
L-LOADER AND DOZER (SLOW SPEED SERVICE)				
L-2	Traction Regular	SNOWKING, ETSNOW, MATE SNOW, ETGRADER, ETGRADER2, MATE SNOW E	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	ETNT, ETUM, ETST	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	ETGRADER2, ETGRADER, MATE G2, ETSNOW	40KM/H(25mph)	UNLIMITED
IND-INDUSTRIAL				
IND-4	Deep Tread	ETPORTM, ETPORTM+, TKPORTH, TKPORTH II	/	/



MINING APPLICATION

TECHKING OTR TIRES



RDT





ET303+



Improved Rigidity and Toughness

- The thick transverse pattern design and reinforced ribs provide excellent overall stability and driving safety.



Greater Longevity

- The vertical and lateral sipes on tread blocks and open shoulder grooves effectively improve heat dissipation to reduce early damage.
- The high saturation crown provides extra protection against cuts, punctures and impacts.

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	86	68	223 B	TL	C1/CS/H2	12



ET304



Better raw materials

RSS Compound



Stronger for better sustainability

High-strength structure brings better loading capacity
Enhanced loading capacity minimizes the overall number of trips made by trucks and supports sustainable mining

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





ET359



Excellent Traction Capacity

- Vertical and horizontal groove design



Longer Service Life

- Heat dissipation design on tire shoulder improves heat dissipation and reduces tire separation
- Bigger contact area brings more balanced force distribution



Stronger and Safer

- Reinforced tire carcass provides safer controllability

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
50/80R57	E4	★★	32.00-6.0 34.00-5.0	120	95	257 B	TL	C1/R1/H2	3



ET405



Powerful Traction and Grip

- The lateral deep tread grooves provide extraordinary maneuverability for heavy-duty dump trucks working under multiple road and climate conditions.



Greater Longevity

- The optimized ground contact patch brings more even tread wear.
- Sipes on central tread blocks and the holes on shoulder tread blocks maximize heat dissipation.
- The cut-resistant tread compound also helps prolong tire life.

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	96	76	223 B	TL	C1/CS/H2	12

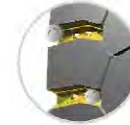


SUPER ROCK



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



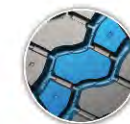
Multidirectional Heat Dispersion

- 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

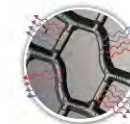


SUPER TRAC



Excellent traction capacity

- Horizontal Pattern Design



Better heat releasing performance

- Multidirectional Heat Releasing Design



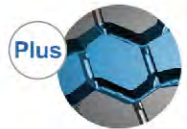
Better self-cleaning performance

- 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



SUPER RDT



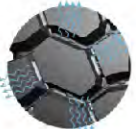
Better wearing resistance performance

35% Bigger Block Design



Better cut resistance performance

Block Bridge Design



Better heat releasing performance

Cooling System Design



Reducing groove cracks effectively

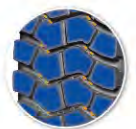
Arc Groove Design



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



SUPER H



Powerful Traction

- The excellent self-cleaning performance brought by lateral through grooves and stone ejectors assure superior grip.



Greater Longevity

- The optimized outer contour brings better load distribution and improved ground contact patch.
- The specially designed tire shoulders can also help improve heat dissipation and reduce the possibilities of separation.

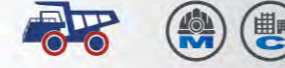


More Safety

- Reinforced tire carcass provides more protection and safer driving experiences.



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	122	97	252 B	TL	C1/R1/H2	3



FORT RDT



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

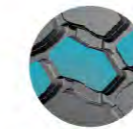
Circular Arc Design, less impact on rubber around bead wires



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



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	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



ETDT2



Better Traction Capacity and Less Tire Spin

Special tread design

Excellent Heat Dissipation Performance

20% Higher TKPH

Compared with ETDT

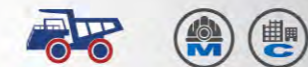
Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
18.00R33	E4	★★	13.00-2.5	60	47.5	191 B	TL	C1/CS	38
24.00R35	E4	★★	17.00-3.5	71	56.5	209 B	TL	CS/H2	22



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



ET618



ET919



ETRT9



ET609



TK619



SUPER ETOT



ET668



ET688



ET919+



ETRTV



ETTN



ETRT



ETDT2



ETDT

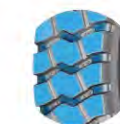


ETOH



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	116
18.00R25	E3	★★★	13.00-2.5	42	33	190 B	TT/TL	C1/CS	44
480/95R29	E3	★★★	13.00-2.5	39	31	190 B/204 A2	TT/TL	C1/CS	44
505/95R29	E3	★★★	13.00-2.5	42	33	190 B/204 A2	TT/TL	C1/CS	44



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	84

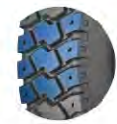


ET919



+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	-



ET609



Better Cut-resistant Performance

Improved sidewall protection design



Better Tire Stability

Reinforced "cross"-shaped design on tread

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/183 A6	TT/TL	C1/CS	-

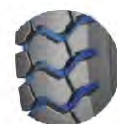


ETRT9



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.



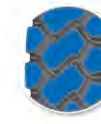
Stronger for better sustainability

Ultra high-tensile steel wires provide better loading capacity
By enabling mines to transport larger loads, the combination of fewer trucks and reduced emissions brings a positive impact on sustainability

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



TK619



Better Grip Capacity

Big block design provides more traction capacity as well as increasing service life.



Better Anti-Puncture Performance

New upgraded compound design



Better Wearing Resistance

Highly saturated pattern block design provides more uniform forced



Explosion-Proof Performance

High strength steel wire for better heavy load capacity and explosion-proof performance.

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	114
16.00R25	E3	★★★	11.25-2.0	40	32	180 B/193 A6	TT/TL	C1/CS	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

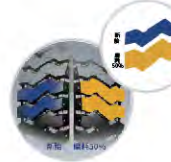
Horizontal big block design helps resist cuts



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



ET688



Longer Service Life

Trapezoidal block design improves 20% wearing resistance



Higher Durability

High-saturation pattern brings a more balanced force distribution



Stronger for better sustainability

Ultra high-tensile steel wires provide better loading capacity. By enabling mines to transport larger loads, the combination of fewer trucks and reduced emissions has a positive impact on sustainability



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	80
460/95R25	E3	★★★	11.25-2.0	40	32	180 B/193 A6	TT/TL	C1/CS	80



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

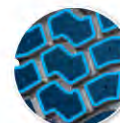
Horizontal pattern design avoids slipping. Reinforced tread design for explosion-proof performance



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	60
460/95R25	E3	★★★	11.25-2.0	34	27	180 B/193 A6	TT/TL	C1/CS	60

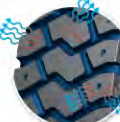


ET919+



Combining heat dissipation and tread stability

Tread mesh reinforcement and "well" tread grooves enhance heat dissipation and tread stability at the same time



+30% Longer Service life

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



Anti-tear to reduce the rate of downtime

Adopt anti-tear structure technology to improve stability, reduce tire failure rate and downtime



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	31	25	180 B/193 A6	TT/TL	C1/CS	80
460/95R25	E3	★★★	11.25-2.0	31	25	180 B/193 A6	TT/TL	C1/CS	80



ETRTV



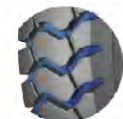
Longer Service Life & Lower CPKM/CPH

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.



Stronger for better sustainability

Reinforced tire carcass provides better loading capacity. By enabling mines to transport larger loads, the combination of fewer trucks and reduced emissions brings a positive impact on sustainability.



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



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	44



ETTN



Enhanced Heavy Loading Capacity

Reinforced framework material on tire bead brings better loading capacity



Better Self-cleaning Capacity

Larger groove for mud and stone shedding



Improved Tire Trafficability on Muddy Roads

Herringbone pattern design effectively improves tire trafficability



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	39	30	180 B/193 A6	TT/TL	C1/CS	80



ETDT2



Excellent heat dissipation

More suitable for longer one-way distance and higher speed

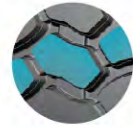
Exceptional traction performance

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



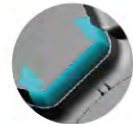
Better traction performance and less tire spin

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



TKUM II



ETDL5



ETD2S



ETD2



ETST



ETUM



ETNT



TKUS



4KLIFT-D



TKPORTH





PROLHD



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.



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
17.5R25	L5S	★★	14.00-1.5	98	78	182 A2	TT/TL	C2	76
18.00R25	L5S	★★	13.00-2.5	110	87	204 A2	TL	C2	40
26.5R25	L5S	★★	22.00-3.0	122	97	209 A2	TL	C2	28
29.5R29	L5S	★★	25.00-3.5	132	105	218 A2	TL	C2	24



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.



Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
10.00R20	L4S	★★	7.5	45	35.5	166 A2	TT/TL	C1	270
12.00R20	L5S	★★	8.50-1.3	59	46.5	171 A2	TT	C1	202
17.5R25	L5S	★★	14.00-1.5	80	63.5	182 A2	TT/TL	C2	76
18.00R25	L5S	★★	13.00-2.5	99	78.5	204 A2	TL	C2	44
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	PR	Rim Width & Flange	Tread Depth		Type	Stuffing Qty/40HQ
				32nds	mm		
10.00-20	L5S	18	7.5	73	58	TT	280
12.00-20	L5S	28	8.5	84	67	TT	170
12.00-24	L5S	24	8.5	69	55	TT	160
14.00-24	L5S	28	10.0	97	77	TT	100
17.5-25	L5S	24	14.00-1.5	103	82	TT/TL	64



ETDL5



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	193 A2	TL	C1	64
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



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

Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/ Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
26.5R25	L5	★★	22.00-3.0	106	84.5	209 A2	TL	C1	28



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				
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/C2	24



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	C1	102
18.00R25	E4	★★	13.00-2.5	59	47	199 A4	TL	C1	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	C1	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

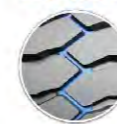
Size	TRA Code	Star Rating	Rim Width & Flange	Tread Depth		Load Index/Speed Symbol	Type	Compound	Stuffing Qty/40HQ
				32nds	mm				
26.5R25	E4	★★	22.00-3.0	69	55	193 B	TL	C1	34
29.5R25	E4	★★	25.00-3.5	69	55	200 B	TL	C1	24
29.5R29	E4	★★	25.00-3.5	73	58	202 B	TL	C1	24
35/65R33	E4/L4	★★★★	28.00-3.5	76	60.5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



TKUS



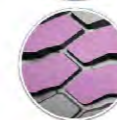
Better cut & puncture resistance performance



Block Bridge Design for tire tread

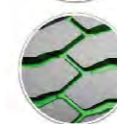


Strengthen Framework Design with multilayer for less sidewall damage



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		
9.00-20	14	7.0	30	24	TT	316
12.00-20	24	8.5	48	38	TT	208

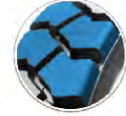


4KLIFT-D



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

LOADER, DOZER & GRADER (L5)



TKPORTH

Excellent heavy load capacity

Reinforced Carcass Design

Upgraded Bead Design

Longer service life with retread capacity

Wearing Resistance Compound for tire tread

Wider Tread Design for better traction performance

Deeper Block Pattern



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





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



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

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



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



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				
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/C2	24





MATE D2S



Better impact resistance performance
High Strength Structural Design



Better stability of block and less groove crack
Block Bridge Design



Better traction capacity



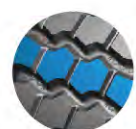
20.5R25 23.5R25 26.5R25 29.5R25

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





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



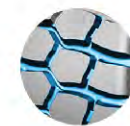
Performance Guarantee



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

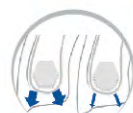


FORT ADT



Excellent cut resistance performance

Special Cut Resistance Compound



Better bead design for longer tire life (only for 29.5R25)

Circular Arc Design, less impact on rubbers around bead wire

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	67	53.5	193 B	TL	C1/CS	32
29.5R25	E4	★★	25.00-3.5	70	55.5	200 B	TL	C1/CS	24



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



CONSTRUCTION APPLICATION

TECHKING OTR TIRES

LOADER, DOZER & GRADER (G2 G3 L2 L3)



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	E3/L3	★★	14.00-1.5	34	27	167 B/182 A2	TL	C1	90
20.5R25	E3/L3	★★	17.00-2.0	37	29	177 B/193 A2	TL	C1	64
23.5R25	E3/L3	★★	19.50-2.5	43	34	185 B/201 A2	TL	C1	44
26.5R25	E3/L3	★★	22.00-3.0	47	37	193 B/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

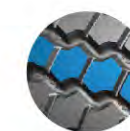
OTD 7% deeper than normal design
(20.5R25 and 23.5R25 only)

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



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



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



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	E2	★★★	10.00W	28	22	170 E	TT	SNOW	116
14.00R25	E2	★★★	10.00-1.5	28	22	170 E	TL	SNOW	116
16.00R25	E2	★★★	11.25-2.0	33	26.5	177 E	TL	SNOW	80
15.5R25	E2	★★	12.00-1.3	30	24	160 B	TL	SNOW	100
26.5R25	E2/L2	★★	22.00-3.0	45	35.5	193 B	TL	SNOW	35
29.5R25	E2/L2	★★	25.00-3.5	53	42	200 B	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

ALL TERRAIN 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



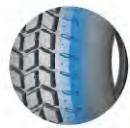
+10% durability increase by improving twisting method
+36% improvement of impact resistance

+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



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



ETCRANE L



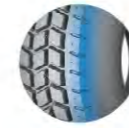
+10% durability increase by improving twisting method
+36% improvement of impact resistance

+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



ETGC

Excellent high speed performance

Special Tread Rubber Compound Design for better heat releasing performance

Better handling performance

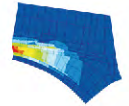
Non-directional Tread Design
Block Bridge Design



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

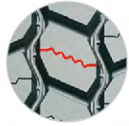


SNOWKING L



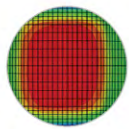
Better high speed and long haul performance

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



SPECIAL

TECHKING OTR TIRES





DK22

DK20

ETMT



ETPORTM

ETPORTM+

TKPORTH

TKPORTH II



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



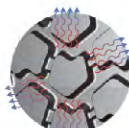
Providing better traction capacity and more stable controllability at high speed

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





TKPORTH



TKPORTH II



Excellent wearing resistance performance

Bigger Tread Block Design



Extra sidewall protection

Sidewall Shield Design



Longer service life

Super IND4 Tread Depth



More even wear

Contact Plus Design



Better turning operation

Sequential Tread Design



Extra sidewall protection

Sidewall Shield Design



Longer service life

Super IND4 Tread Depth



Size	TRA Code	PR	Rim Width & Flange	Tread Depth		Type	Standard Pressure (kPa)
				32nds	mm		
12.00-20	IND4	24	8.5	57	45	TT	170
12.00-24	IND4	24	8.5	68	54	TT	160
14.00-24	IND4	28	10.00	72	57	TT/TL	100
14.00-25	IND4	28	10.00-1.5	72	57	TT	100
16.00-25	IND4	32	11.25-2.0	78	62	TT	64

Size	TRA Code	PR	Rim Width & Flange	Tread Depth		Type	Standard Pressure (kPa)
				32nds	mm		
18.00-25	IND4	40	13.00-2.5	86	68	TL	42
18.00-33	IND4	40	13.00-2.5	87	69	TL	38



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	900	131	6000	13230
385/95R25 (14.00R25)	ETCRANE	900	131	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	Star Rating /Ply Rating	Inflation Pressure		Load Capacity	
		kPa	psi	kg	lbs
12.00R20	★★	1000	145	7100	15700
12.00R24	★★	1000	145	7500	16500
14.00R24	★★★	1000	145	12500	27600
12.00-20	24PR	1000	145	8250	18200
12.00-24	24PR	1000	145	9500	21000
14.00-24	28PR	1000	145	12500	27600
14.00-25	28PR	1000	145	12500	27600
16.00-25	36PR	900	131	14375	31700
	32PR	1000	145	15350	33900
18.00-25	40PR	1150	165	21250	46900
18.00-33	40PR	1150	165	24700	54500

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	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:

Radial Tires	Maximum Excess Loads	
	Load	*Pressure
	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	ETRT	E4	CS	/	120	
	ETOT	E3	CS	/	130	
14.00R25	ETRT	E4	CS	/	120	
			H2	/	130	
	ET919	E3	CS	/	210	
	ETOH	E3	CS	/	190	
			C1	/	175	
	ET618	E3	C1	/	175	
	ET609	E3	C1	/	180	
16.00R25	ETRT9	E4	C1	/	120	
	ETSD	E3	CS	/	128	
			H2	/	153	
	ETUM	E4	CS	/	92	
	ET919	E3	CS	/	210	
			C1	/	185	
	ET668	E3	CS	/	180	
			C1	/	160	
	SUPER ETOT	E3	C1	/	140	
	ETRTV	E3	C1	/	140	
	ET688	E3	CS	/	175	
			C1	/	155	
	ET919+	E3	CS	/	205	
			C1	/	180	
			H2	29	253	
21.00R33	ETDT	E4	C1	23	200	
			CS	31	266	
	SUPER RDT	E4	C1	18	157	
			CS	22	192	
	ETUL+	E4	CS	19	216	
			H2	24	268	
	ETDT2	E4	CS	24	284	
	21.00R35			H2	29	332
		ETDT	E4	C1	18	213
	24.00R35			CS	23	264
ETDT2		E4	CS	22	326	
			H2	25	370	
			C1	17	252	
ETDT		E4	CS	19	281	
			H2	22	326	
			C1	17	246	
SUPER TRAC		E4	CS	20	289	
			H2	23	336	
			C1	15	222	
SUPER RDT		E4	CS	17	252	
			H2	20	292	
			C1	16	237	
			CS	18	266	
385/95R25 (14.00R25)	ETCRANE	E2	H1	/	220	
	ETCRANE2	E2	H1	/	210	
385/95R24 (14.00R24)	ETCRANE	E2	H1	/	220	
445/95R25 (16.00R25)	ETCRANE	E2	H1	/	280	
505/95R25 (18.00R25)					346	
445/80R25 (17.5R25)	ETGC	E2	H1	/	280	
525/80R25 (20.5R25)					306	

Size	Pattern	TRA Code	Compound	Max dis/hr (km)	TKPH
23.5R25	PROADT	E3	CS	28	256
			C1	22	195
26.5R25	ETADT	E4	CS	22	195
	ETADT	E4	CS	22	252
	PROADT	E3	C1	16	215
29.5R25			CS	28	295
	ETNT	E4	C1	14	165
	PROADT	E3	CS	28	315
	ETNT	E4	C1	14	220
	ETADT	E4	C1	20	253
29.5R29			CS	24	312
	SUPER ADT	E4	C1	16	190
			CS	20	266
33.25R29			CS	14	232
	ETADT	E4	H2	22	306
36/65R33	SUPER ADT	E4	C2	/	230
			CS	/	285
	ETNT	E4	C1	14	240

Size	Pattern	TRA Code	Compound	Max dis/hr (km)	TKPH
27.00R49	ET304	E4	C1	21	465
			R1	23	500
			H2	25	535
	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	18	392
			CS	22	472
			H2	25	549
	ETDT	E4	C1	16	350
			CS	21	460
			H2	22	490
	ET303+	E4	C1	18	390
			CS	22	480
			H2	28	610
ET405	E4	C1	18	400	
		CS	23	500	
		H2	28	620	
30.00R51	ET355	E4	C1	12	329
			CS	16	428
			H2	20	540
33.00R51	ET304	E4	C1	16	496
			R1	18	565
			H2	20	634
	ET355	E4	C1	12	378
			CS	15	474
			H2	20	621
	SUPER TRAC	E4	C1	15	474
			CS	18	556
			H2	21	642
36.00R51	ET355	E4	C1	16	585
			CS	20	729
			H2	24	882

Size	Pattern	TRA Code	Compound	Max dis/hr (km)	TKPH
37.00R57	ET304	E4	C1	18	750
			R1	20	825
			H2	22	900
40.00R57	ET304	E4	C1	17	800
			R1	18	880
			H2	20	960
	ET358	E4	C1	18	860
			R1	20	940
			H2	21	1020
46/90R57	ET304	E4	C1	16	810
			R1	18	898
			H2	20	986
	SUPER H	E4	C1	19	965
			R1	21	1040
			H2	22	1116
ET358	E4	C1	18	890	
		R1	19	970	
		H2	21	1040	
50/80R57	ET304	E4	C1	17	980
			R1	19	1110
			H2	23	1320
	ET359	E4	C1	18	1055
			R1	22	1267
			H2	25	1480

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			

Note:

- If the ambient temperature 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.
- 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 construction 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 application)

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



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