PIRELLI

TRUCK BUS AGRO OTR

TYRE LINE
OFF-ROAD AND INDUSTRIAL

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RM 100

RADIAL STRUCTURE

APPLICATION

For Loaders or Transport vehicles operating on tracks and sandy or muddy terrains.

CHARACTERISTICS

- More robust tread, with greater length and deeper tread depth, ensuring a greater area of contact with soil.
- Sidewall protection rib.
- Metal belt package.

BENEFITS

- Excellent traction capacity, even wear and improved performance.
- Greater resistance against side impact.
- Greater resistance to cuts and lacerations.

E3+ CLASSIFICATION

Size	Truck Application Maximum speed = 50 km/h				Groove depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
14.00R24 TL	169 B	109	7,5	5800	29
14.00R25 TL	169 B	109	7,5	5800	29
17.5R25 TL	167 B	76	5,2	5450	34
20.5R25 TL	177 B	76	5,2	7300	37
23.5R25 TL	185 B	76	5,2	9250	42

L3+ CLASSIFICATION

Size	Loader application Maximum speed = 10 km/h				Groove depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
17.5 R25 TL	176 A2	73	5,0	7100	34
20.5 R25 TL	186 A2	73	5,0	9500	37
23.5 R25 TL	195 A2	73	5,0	12150	42

RM 94

RADIAL STRUCTURE

APPLICATION

Tyre for use on Loaders or Transport Vehicles carrying out loading work.

CHARACTERISTICS

- Tread designed to work in long cycles.
- Metal belt package.

BENEFITS

- Provides excellent hourly performance, even wear and higher traction capacity.
- Greater resistance to cuts and lacerations.
- Greater durability of the structure.

E3 CLASSIFICATION

Size	Truck Application Maximum speed = 50 km/h				Groove depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
STANDARD BASE					
13.00R25 TL	163 B	109	7,5	4875	24
16.00R25 TL	177 B	102	7,0	7300	28
14.00R24 TT	169B	102	7,0	5800	25
18.00R25 TL	185 B	102	7,0	9250	31,5
WIDE BASE					
15.5R25 TL	152 B	54	3,7	3550	24
17.5R25 TL	157 B	54	3,7	4125	29

L3 CLASSIFICATION

Size	Loader application Maximum speed = 10 km/h				Groove depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
17.5 R25 TL	176 A2	73	5,0	7100	29

RM 99

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on off-road trucks, in moving earth and for front-end loaders, in carrying out loading work.

CHARACTERISTICS

- More robust and larger tread.
- Tread with robust transversal ribs and little space between them.

BENEFITS

- High resistance and maximum durability with low operational cost.
- Excellent self-cleaning and low material retention.
- High performance and regular consumption.

E3 CLASSIFICATION

Size	Truck Application Maximum speed = 50 km/h				Groove Depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
STANDARD BASE					
18.00-33 TL	32	83	5,7	10300	31,5
WIDE BASE					
29.5-25 TL	28	47	3,2	11500	38,1
29.5-29 TL	28	47	3,2	12150	38,1
	34	58	4,0	14000	
33.25-35 TL	38	58	4,0	18000	42,5

L3 CLASSIFICATION

Size	Loader application Maximum speed = 10 km/h				Groove Depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
WIDE BASE					
17.5-25 TL	12	51	3,5	6150	27,9
	16	69	4,8	7300	
20.5-25 TL	12	36	2,5	6700	30,5
	16	51	3,5	8250	
	20	65	4,5	9500	
23.5-25 TL	16	44	3,0	9500	33
	20	54	3,7	10900	
29.5-25 TL	28	62	4,3	17500	38,1

RM 95 E3

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on off-road trucks, in moving earth.

CHARACTERISTICS

- Tread designed to work in long cycles.
- Reduced space between the ribs and central reinforcement of the tread.
- Tread with angle between the ribs.

BENEFITS

- Maximum durability with minimum operational cost.
- Low movement of the blocks, resistance and even wear
- Excellent self-cleaning.
- Easy stone ejection.

E3 CLASSIFICATION

Size	Truck Application Maximum speed = 50 km/h				Groove depth (mm)	Tube	Valve
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)			
14.00-24	20	69	4,8	4625	25,4	24/25Z750	DC140
	24	83	5,7	5150			
	28	94	6,5	5600			
16.00-25 TL	24	69	4,8	6000	33	-	-
	28	83	5,7	6700			

RM 95 Deep Tread

CROSS-PLY STRUCTURE

APPLICATION

Tyre intended for off-road trucks that work on extremely aggressive and cutting stony surfaces.

CHARACTERISTICS

- Deeper tread compared to the E3 classification tyres.
- Reinforced bead geometry.
- Protection in the sidewall area.
- Reinforced bead.
- Larger ribs anddeeper groovees.
- Tread ribs with central reinforcement.

BENEFITS

- High performance.
- Better load distribution.
- Greater resistance to cuts and lateral damage.
- High performance and regular consumption.
- Excellent self-cleaning.

E4 CLASSIFICATION

Size	Truck Application Maximum speed = 50 km/h				Groove depth (mm)
	Load Index and Speed Code	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
16.00-25 TL	24	69	4,8	6000	51
	28	83	5,7	6700	
	32	94	6,5	7300	
24.00-35 TL	42	83	5,7	17000	63
	48	94	6,5	18500	

RM 99 Deep Tread

CONVENTIONAL STRUCTURE

APPLICATION

Tyre for use on dumpers earthmoving operations.

CHARACTERISTICS

- Higher tread depth compared to the E3 classification tyres
- Tread ribs with continuous central design.
- Tread designed to work in long cycles and important speed.

BENEFITS

- Greater resistance and durability.
- Excellent traction force.
- Regular consumption.

E4 CLASSIFICATION

Size	Truck Application Maximum speed = 50 km/h				Tread depth (mm)
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
18.00-33 TL	32	83	5,7	10300	63,8
	36	90	6,2	10600	

RM 99 Super Deep Tread

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on front-end loaders, in carrying out loading work.

CHARACTERISTICS

- Higher tread depth.
- Special formulation of tread pattern compound

BENEFITS

- Greater robustness and durability.
- High resistance on stony and extremely cutting surfaces.

L5 CLASSIFICATION

Size	Loader application Maximum speed = 10 km/h				Groove depth (mm)
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
23.5-25 TL	16	44	3,0	9500	99,5
	20	54	3,7	10900	
35/65-33* TL	42	87	6,0	25750	91

* Steel Breaker

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CROSS PLY STRUCTURE

APPLICATION

Tyre for use on motor graders, on front-end loaders and backhoe loaders for levelling and loading work.

CHARACTERISTICS

- Compound specially designed for levelling and loading applications.
- Optimized tread geometry

BENEFITS

- High performance.
- Increased resistance to impact, cuts and lacerations.
- Excellent traction and self-cleaning.

G2/L2 CLASSIFICATION

Size	Loader/backhoe-loader application Maximum speed = 10 km/h				Depth of tread gauge (mm)
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
STANDARD BASE					
16.00-24 TL	16	62	4,3	8250	28,5
16.9-24 TL	10	32	2,2	3625	30,5
WIDE BASE					
12.5/80-18 TL	10	48	3,3	3230	26
19.5L-24 TL	10	28	1,9	3845	30,5
	12	34	2,3	4310	
17.5-25 TL	12	51	3,5	6150	25,4
	16	69	4,8	7300	

Size	Motor Grader Application Maximum speed = 40 km/h				Depth of tread gauge (mm)
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
STANDARD BASE					
16.00-24 TL	16	44	3,0	4500	28,5
16.9-24 TL	10	32	2,2	2900	30,5
WIDE BASE					
12.5/80-18 TL	10	48	3,3	2200	26
19.5L-24 TL	10	28	1,9	3080	30,5
	12	34	2,3	3450	
17.5-25 TL	12	29	2,0	2900	25,4
	16	40	2,8	3350	

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CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on motor graders, on front-end loaders and backhoe loaders for levelling and loading work.

CHARACTERISTICS

- Tread pattern compound specifically formulated for levelling and loading applications.
- Tread pattern with central reinforcement.

BENEFITS

- High performance.
- Excellent resistance to impact, cuts and lacerations.
- High traction and durability.

G2/L2 CLASSIFICATION

Size	Loader/backhoe-loader application Maximum speed = 10 km/h				Groove depth (mm)	Tube
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)		
STANDARD BASE						
13.00-24 TL	10	54	3,7	5300	24	-
	12	65	4,5	5600		
14.00-24 TL	10	51	3,5	5600	25,4	-
	12	62	4,3	6300		
	16	80	5,5	7300		
13.00-24	10	54	3,7	5300	24	24E750
	12	65	4,5	5600		
	14	76	5,2	6000		
14.00-24	10	51	3,5	5600	25,4	24E750
	12	62	4,3	6300		
	16	80	5,5	7300		

Size	Motor Grader Application Maximum speed = 40 km/h				Groove depth (mm)	Tube
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)		
STANDARD BASE						
13.00-24 TL	10	33	2,3	2360	24	-
	12	40	2,8	2650		
14.00-24 TL	10	33	2,3	2800	25,4	-
	12	36	2,5	3075		
	16	51	3,5	3650		
13.00-24	10	33	2,3	2360	24	24E750
	12	40	2,8	2650		
	14	47	3,2	3000		
14.00-24	10	33	2,3	2800	25,4	24E750
	12	36	2,5	3075		
	16	51	3,5	3650		

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CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on the steer axle of 4x2 backhoe loaders.

CHARACTERISTICS

- Wider tread.
- Smooth design.
- Special rubber compound.

BENEFITS

- Provides better weight distribution and better soil compaction.
- Lower rolling resistance.
- Better protection against accidental damage.

I1 CLASSIFICATION

Size	Backhoe Loader Application Maximum speed = 25 km/h				Groove depth (mm)	Tube	Valve
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)			
10.5/65-16	10	68	4,7	2220	11	16L540	TR15

BG 200

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on compactors.

CHARACTERISTICS

- Smooth and flat tread.
- Especially formulated tread rubber compound.

BENEFITS

- Tread pattern assures specific pressure distribution, ideal for guaranteeing maximum compacting of materials
- Resistance to heat and chemical reaction with paving components.

C1 CLASSIFICATION

Size	Compactor Application Maximum speed = 10 km/h				Tube	Valve	Protector
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)			
STANDARD BASE							
11.00-20	18	120	8,3	5900	20Z595C OMP	DC140	20ST

CI 84

CROSS-PLY STRUCTURE + STEEL BREAKER

APPLICATION

Tyre for use on forklifts and industrial vehicles.

CHARACTERISTICS

- X-ply structure with metal protectors.
- Wider and deeper tread.
- Increased stiffness of the structure.

BENEFITS

- Reinforced metal on the casing structure provides protection against perforations, as well as providing a even tread wear and stable load during transportation.
- Increased durability.
- Less lateral movement and more resistance to cuts and damage.

IND1 CLASSIFICATION

Size	Forklift Application Maximum speed = 25 km/h					Tread depth (mm)	Tube	Valve
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)				
				Drive Axle	Steer Axle			
6.00-9	12	145	10,0	1885	1450	20,5	9P330	TR150A
6.50-10	10	115	7,9	1950	1500	20,5	10P390	TR150A
7.00-12	12	125	8,6	2670	2065	22	12HA370	TR75A
7.50-15	10	95	6,5	3100	2370	22,5	15Z470	SC95
8.25-15	12	105	7,2	3900	3000	23,5	15Z470	SC95
28x9-15	14	140	9,7	3900	3000	23,5	14Z420	SC95

RM 96

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on forklifts for ports.

CHARACTERISTICS

- Special tread design with increased land to sea ratio
- Greater tread depth.

BENEFITS

- Greater durability.
- Greater hourly performance.

IND4 CLASSIFICATION

Size	Port Forklift Application Maximum speed = 10 km/h				Groove depth (mm)
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
18.00-25	40	145	10,0	17000	62

RM 95

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use on forklifts for ports.

CHARACTERISTICS

- Reinforced casing structure designed to avoid lateral movement.
- Reduced space between the ribs.
- Central reinforcement in the tread.

BENEFITS

- Supports high loads ensuring safety during work.
- High load capacity and transversal stability.
- Limited block movement.
- Even tread wear.

IND3 CLASSIFICATION

Size	Port Forklift Application Maximum speed = 10 km/h				Groove depth (mm)	Tube	Valve
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)			
14.00-24	32	159	11,0	13500	25,4	24/25Z750	DC140

PN 16

CROSS-PLY STRUCTURE

APPLICATION

Tyre for use in compact loaders; can also be used on steer axles of 4x2 backhoe loaders.

CHARACTERISTICS

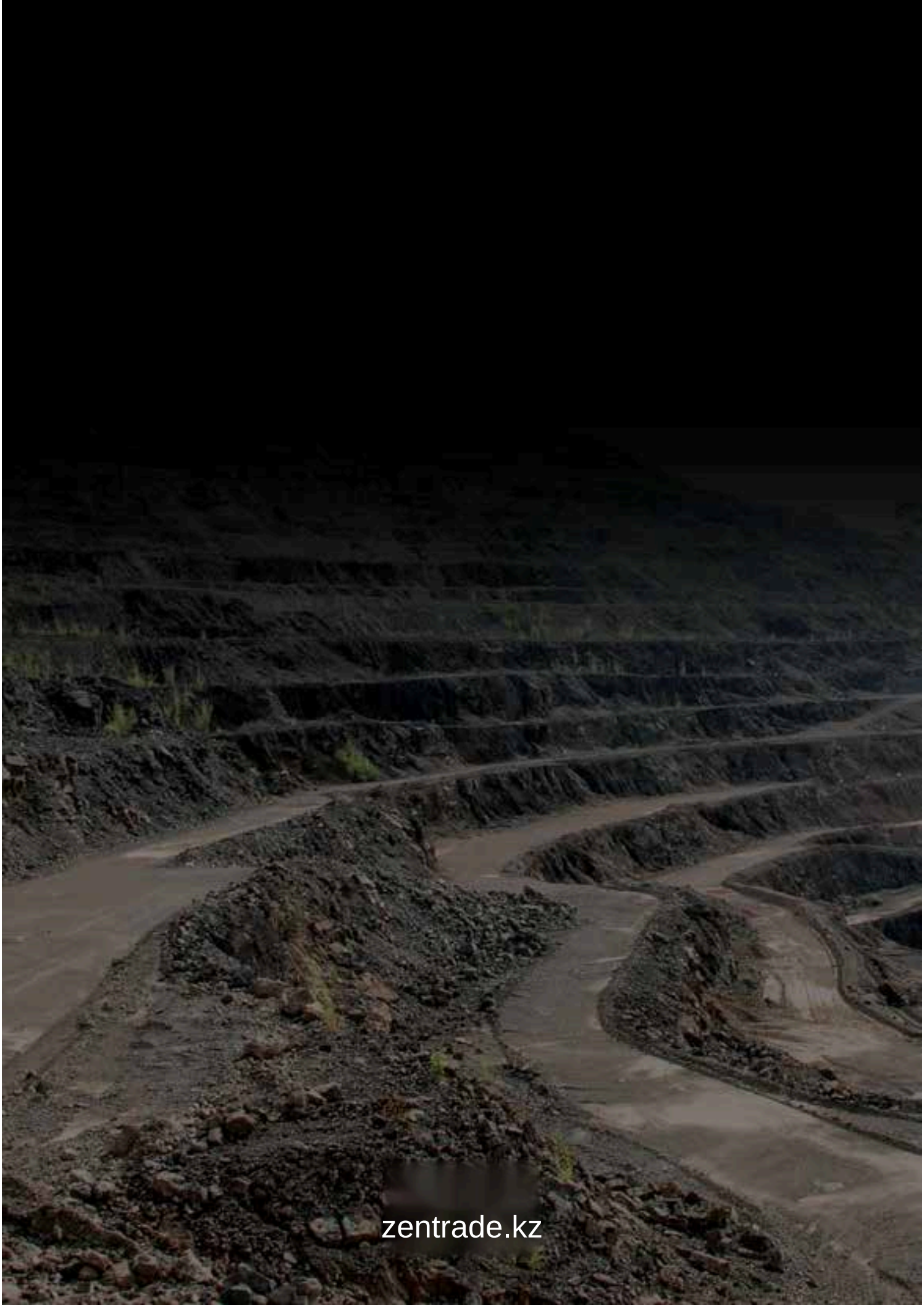
- Greater and more robust beadand reinforced with a larger diameter trim and thicker wire.
- Reinforced casing.
- Tread with bi-directional design.
- Greater thickness of the rubber layer between the bottom of the tread gauges of the casing.
- Sides developed with greater thickness.

BENEFITS

- Better coupling of the tyre to the rim.
- Better response to the lateral forces of the application.
- Offers traction in both directions providing greater durability and excellent cost/time relationship.
- Better protection of the tyre structure.
- Greater thickness of the rubber layer in the region between the bottom of the tread gauges and the casing.
- High resistance to lateral cuts and damage.

SS1 CLASSIFICATION

Size	Compact Loader Application Maximum speed = 10 km/h				Groove depth (mm)
	Ply Rating	Air pressure psi (lb/pol²)	Air pressure (bar)	Maximum load (kg)	
10-16.5	10	75	5,2	2135	17
12-16.5	10	65	4,5	2540	18,5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