

A high traction E3 pattern for use in dump truck applications.

- ▶ Excellent traction in all off-road conditions
- ▶ Deep undertread for improved puncture resistance
- ▶ Reinforced all-steel radial casing provides superior loading performance
- ▶ Wear and cut-resistant tread compound
- ▶ Wide, flat footprint profile for maximum stability and wear



TIRE TECHNICAL SPECIFICATIONS & APPLICATIONS



SIZE	RATING	TYPE	RIM	O.D.	S.W.	T.D.	INFLATION PRESSURE	L.C.C. (lbs/kg)	INFLATION PRESSURE	L.C.C. (lbs/kg)	L.I.
				in mm	in mm	32nds mm	psi KPa	30 mph 50 kph	psi KPa	6 mph 10 kph	
13.00R25	★★★★	TT	8.50/1.3	51.2	13.2	35	116	11574	174	18740	166B/182A2
				1300	336	28	800	5250	1200	8500	
14.00R24	★★★★	TT	10.00/2.0	53.5	14.4	34	116	14110	174	21825	173B/188A2
				1359	365	27	800	6400	1200	9900	
14.00R25	★★★★	TT	10.00/2.0	53.5	14.4	34	116	14110	174	21825	173B/188A2
				1359	365	27	800	6400	1200	9900	
16.00R25	★★★★	TT/TL	11.25/2.0	58.5	17	35	116	17637	174	26896	180B/195A2
				1487	433	28	800	8000	1200	12200	

A high traction E3 pattern for use in dump truck applications.

- ▶ Increased tread depth allows for longer tread life
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				in mm	in mm	32nds mm	psi KPa	30 mph 50 kph	psi KPa	6 mph 10 kph	
16.00R25	★★★★	TT/TL	11.25/2.0	58.8	17	39	116	17637	174	26896	180B/195A2
				1494	432	31	800	8000	1200	12200	

A high traction E3 pattern for use in dump truck applications. Engineered for the rocky soft-rock mines.

- ▶ Unique tread design for improved cut and wear resistance
- ▶ High strength steel and bead provide superior loading performance
- ▶ Open shoulder design optimizes heat dissipation
- ▶ Full circular arc design enhances chunking resistance

PATTERN ONLY FOR
MS309 460/95R25
MS309 505/95R29
MS309 PRO 16.00R29

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				in	in	32nds	psi	30 mph	psi	5 mph	
				mm	mm	mm	KPa	50 kph	KPa	10 kph	
16.00R29	★★★★	TT/TL	11.25/2.0	63.0	17.0	40	116	19400	174	30115	183B/199A2
				1603	435	32	800	8800	1200	13660	
16.00R29 MS309 PRO	★★★★	TT/TL	11.25/2.0 11.5/2.0	64.2	17.7	40	116	19400	174	29983	183B/199A2
				1630	450	32	800	8800	1200	13600	
480/95R29	★★★★	TT/TL	13.00/2.5	64.5	19.0	40	116	20835	174	31967	186B/201A2
				1636	486	32	800	9450	1200	14500	
18.00R25	★★★★	TT/TL	13.00/2.5	66.5	19.8	40	116	22708	174	35274	189B/204A2
				1688	504	32	800	10300	1200	16000	
460/95R25	★★★★	TT/TL	11.25/2.0	60.0	18.0	35	116	22062	174	30865	184B/200A2
				1522	456	28	800	9100	1200	14000	
505/95R29	★★★★	TT/TL	13.00/2.5	67.0	20.5	40	116	24030	174	36817	191B/205A2
				1700	518	32	800	10900	1200	16700	

Designed for medium-short haul applications involving overload operations and moderate cut-resistance requirements.

- ▶ Large-section design delivers 10% higher load capacity vs. same-size 16.00R25 tires
- ▶ An unique tread design provides improved traction performance and soil-ejection capability
- ▶ Cooling grooves design reduces operating temperature
- ▶ Improved sidewall design reduces shoulder heat generation

TIRE TECHNICAL SPECIFICATIONS & APPLICATIONS



SIZE	RATING	TRA CODE	TYPE	RIM	O.D.	S.W.	T.D.	INFLATION PRESSURE	L.C.C. (Lbs/Kg)	INFLATION PRESSURE	L.C.C. (Lbs/Kg)	L.I.
					in	in	32nds	psi	30 mph	psi	6 mph	
					mm	mm	mm	KPa	50 kph	KPa	10 kph	
16.00R25	★★★★	E3	TT/TL	11.25/2.0	59.6	17.7	40.3	116	19621	174	29983	184B/199A2
					1515	450	32	800	8900	1200	13600	

Deep grooved tread design provides excellent traction in rigid dump truck applications. Ideal for applications requiring maximum road grip and high site TKPH/TMPH.

- ▶ Excellent traction in all off-road conditions
- ▶ Deep tread grooves provide cooler running tread for high site TKPH/TMPH
- ▶ Wide, square footprint distributes load for minimal haul road disturbance
- ▶ Reinforced bead, shoulder and sidewall for increased cut-resistance
- ▶ Heat-resistant undertread reduces tire temperature
- ▶ Multiple tread compound options target specific site requirements



TIRE TECHNICAL SPECIFICATIONS & APPLICATIONS



SIZE	RATING	TYPE	RIM	O.D.	S.W.	T.D.	TREAD COMPOUND	TMPH/TKPH	INFLATION PRESSURE	L.C.C. (Lbs/kg)	L.I.
				in	in	32nds			psi	30 mph	
				mm	mm	mm			KPa	50 kph	
12.00R24	★★★★	TT / TL	8.50V	48.7	12.4	39	Standard (S1)	-	102	9350	158B
				1238	315	31			700	4250	
14.00R24	★★★★	TT	10.00W	55.2	15.4	46	Cut-Resistant (S2)	62/91	109	12800	169B
				1403	392	37	Standard (S1)	82/120	750	5800	
14.00R25	★★★★	TT / TL	10.00/1.5	55.2	15.4	46	Cut-Resistant (S2)	62/91	109	12800	169B
				1403	392	37	Standard (S1)	82/120	750	5800	
18.00R25	★★	TL	13.00/2.5	65.8	19.4	62	Standard (S1)	-	102	20400	185B
				1671	494	49	Cut-Resistant (S2)	-	700	9250	
18.00R33	★★	TL	13.00/2.5	73.6	19.6	66	Cut-Resistant (S2)	118/173	102	24000	191B
				1869	497	52	Standard (S1)	146/213	700	10900	
							Heat-Resistant (S3)	171/249			
21.00R33	★★	TL	15.00/3.0	77.8	21.8	77	Cut-Resistant (S2)	151/221	102	30900	200B
				1975	554	61	Standard (S1)	187/273	700	14000	
							Heat-Resistant (S3)	218/318			
21.00R35	★★	TL	15.00/3.0	81	23	73	Cut-Resistant (S2)	151/221	102	32000	201B
				2057	584	58	Standard (S1)	187/273	700	14500	
							Heat-Resistant (S3)	218/318			
24.00R35	★★	TL	17.00/3.5	85.7	25.9	82	Cut-Resistant (S2)	200/292	102	40800	209B
				2177	658	65	Standard (S1)	247/361	700	18500	
							Heat-Resistant (S3)	288/421			
27.00R49	★★	TL	19.50/4.0	106.7	29.3	89	Ultra Cut-Resistant (S2UC)	257/375	102	60000	223B
							Cut-Resistant (S2)	319/465			
				2710	744	71	Standard (S1)	368/537	700	27250	
33.00R51	★★	TL	24.00/5.0				Heat-Resistant (S3)	430/627			235
							Ultra Cut Resistant (S2UC)	340/496	102	85430	
				121	36	113	Cut Resistant (S2)	416/607			
				3061	925	89.5	Standard (S1)	490/715	700	38750	
							Heat Resistant (S3)	565/824			

Suitable for the gravel road conditions and demanding soft rock road conditions.

- ▶ Provide better traction and longer service life
- ▶ Effectively reduce heat generation in shoulder
- ▶ To prevent sidewall cuts, unique compound preventing growth of cut



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				in	in	32nds	psi	30 mph	psi	6 mph	
				mm	mm	mm	KPa	50 kph	KPa	10 kph	
14.00R25	★★★★	TT	10.00/2.0	55.2	15.4	45	116	14110	174	21826	173B/188A2
				1403	392	36	800	6400	1200	9900	
18.00R25	★★★★	TT/TL	13.00/2.5	65.6	20.0	62	116	22708	174	35274	189B/204A2
				1665	507	49	800	10300	1200	16000	
18.00R33	★★★★	TT	13.00/2.5	73.6	19.6	66	116	29100	174	38600	198B/207A2
				1869	497	52	800	13200	1000	17500	