



TRIANGLE[®]

2014 Product Catalogue

OFF-THE-ROAD Tires



COMPANY BRIEF INTRODUCTION

On April 8th, the construction of Weihai Tire Factory started.

● **1976**

In July, our factory was evaluated as one of the best ten factories in rubber industry by National Statistics Bureau.

● **1993**

In November, the first 23.5R25 all-steel radial OTR was built in Triangle Group, which has supplied a domestic gap.

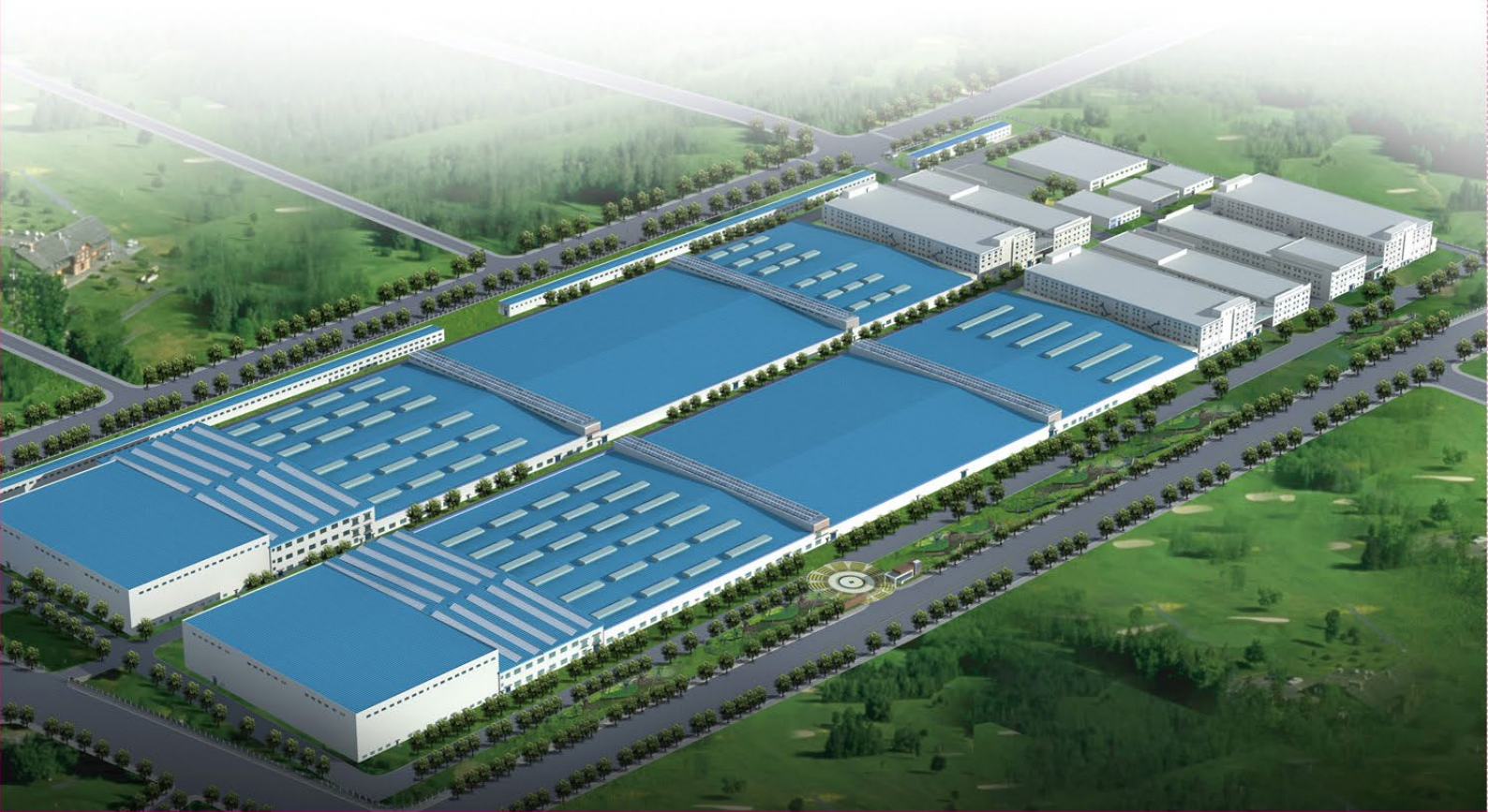
● **2002**

● **1991**

Our factory was evaluated as one of the largest 500 industrial enterprises and one of the best 500 enterprises in terms of economic benefits.

● **2000**

In January, Triangle Group technology development center was upgraded to national-level technology center.





In January, Triangle project of “Jumbo OTR tire manufacturing technology and equipments development” won 2007 National Science and Technology Development first-class prize, which is the highest honor across Chinese tire industry since the foundation of People’s Republic of China.

● 2008

● 2007

In July, 27.00-49 Jumbo OTR tire was successfully developed in Triangle Group and it had supplied the gap of 35-inch tires used for jumbo loaders.

● 2011

On January 9th , Triangle produced the largest Jumbo OTR tire in China was produced.

● 2012

In December, Triangle was honored as “The bellwether in China’s industry of 2012”.

Triangle group was established in 1976 and mainly produces commercial tire, passenger tire, radial OTR tire, Jumbo OTR tire and special tire. Triangle has an annual production capacity of 25 million pieces and radialization rate is 99%. It has national level R&D center, postdoctoral research working station, national engineering lab of tire industry in China. The core departments of the group are all national advanced technology enterprises in China.

Triangle sells over 20 million tires annually to customers in over 160 countries and regions. It has earned recognition from its customers worldwide with top quality products and excellent services. With the excellent performance of its products, Triangle gained official product certificates from over 60 countries and organizations, which meet the certification requirements of the entire global market. The certifications include: CCC, ECE, DOT, ECE-Noise, INMETRO, LATU, GSO, SEI and others.

Sustainable Development

Sustainable development is an integral part of our daily business activities. Our corporate strategies include long-term economic, environmental and social objectives. We embrace corporate responsibilities as economic responsibilities, environmental responsibilities and social responsibilities, and we dedicate to the harmonious and sustainable development of these three aspects.





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 **TRIANGLE**[®]

OFF-THE-ROAD Tires



Dump Truck



Loader

Crane



Mining Equipment

Lifting Equipment



Particular Application

Rigid Dump Truck

Radial


TL569

TB516S

TB526

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	
13.00R25 (10.00 Bead)	TL569	★★★	E-3	10.00/2.0 8.50/2.0	16.7	424	13.8	350	51.2	1300			31.5	25.0				TT
13.00R25 (8.5 Bead)			E-3	10.00/1.5 8.50/1.3	16.7	424	13.8	350	51.2	1300			31.5	25.0				
14.00R24	TB516S	★	E-4	10.00W	17.7	450	14.8	375	55.8	1418			45.4	36.0				TL
		★★	E-4	10.00W	17.7	450	14.8	375	55.8	1418			45.4	36.0				
		★★★	E-4	10.00W	17.7	450	14.8	375	55.8	1418			45.4	36.0	85	105	130	
14.00R25	TL569	★★★ RF	E-3	10.00/2.0	17.7	450	14.8	375	53.9	1368	24.7	628	32.8	26.0				TT
	TB526	★★★ RF	E-3	10.00/2.0	17.7	450	14.8	375	53.9	1368	24.4	621	32.8	26.0	85	105	130	TT
			E-3	10.00/2.0	17.7	450	14.8	375	53.9	1368	24.4	621	32.8	26.0	85	105	130	TL
	TB516S	★	E-4	10.00/1.5	17.7	450	14.8	375	55.8	1418			45.4	36.0				TL
		★★	E-4	10.00/1.5	17.7	450	14.8	375	55.8	1418			45.4	36.0				
		★★★	E-4	10.00/1.5	17.7	450	14.8	375	55.8	1418			45.4	36.0	85	105	130	
18.00R25	TB516S	★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673	29.4	746	56.7	45.0				TL
		★★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673	29.4	746	56.7	45.0	150	190	240	

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:13.00R25								
KPa/PSI	950/138							
KG/LBS	850***/1874***							
Size:14.00R25								
KPa/PSI	900/131							
KG/LBS	10000***RF/22000***RF							
Size:18.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	11200/24700	11800*/26000*	12150/26800	12500/27600	12850/28300/	13200/29100	13600/30000	14000/30900
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	14500/32000	15000/33100	15000/33100	15500/34200	16000**/35300**	16350/36000	16750/36900	17100***/37700***

50KM/H (30MPH)

Size:13.00R25								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	3350/7400	3550*/7850	3650/8050	3750/8250	3875/8550	4125/9100	4250/9350	4375/9650
KPa/PSI	650/94	675/98	700/102	700/102				
KG/LBS	4500/9900	4625/10200	4750**/10500**	4875***/10750***				
Size:14.00R24								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	4000/8800	4125*/9100*	4375/9650	4500/9900	4625/10200	4750/10500	5000/11000	5150/11400
KPa/PSI	650/94	675/98	700/102	700/102	900/131			
KG/LBS	5300/11700	5450/12000	5600**/12300**	5800***/12760***	-/			
Size:14.00R25								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	4000/8800	4125*/9100*	4375/9650	4500/9900	4625/10200	4750/10500	5000/11000	5150/11400
KPa/PSI	650/94	675/98	700/102	700/102	800/116			
KG/LBS	5300/11700	5450/12000	5600**/12300**	5800***/12760***	6150***RF/13600***RF			
Size:18.00R25								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100	8000/17600	8250/18200	8500/18700
KPa/PSI	650/94	675/98	700/102					
KG/LBS	8750/19300	9000/19800	9250**/20400**					

Rigid Dump Truck

Radial



TB566S



TB526S

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm						
18.00R33	TB566S	★★	E-4	13.00/2.5	23.1	587	19.6	498	73.9	1877	34.1	865	66.8	53.0				TL
	TB526S	★★	E-4	13.00/2.5	23.1	587	19.6	498	73.9	1877	33.1	841	64.3	51.0	160	190	270	TL
21.00R33	TB526S	★★	E-4	15.00/3.0	27.6	701	22.5	571	78.8	2001	36.0	914	65.5	52.0	190	230	300	TL
21.00R35	TB526S	★★	E-4	15.00/3.0	27.6	701	22.5	572	80.8	2052			75.6	60.0	230	280	365	TL
24.00R35	TB526S	★★	E-4	17.00/3.5	31.3	795	25.7	653	85.6	2175			81.9	65.0	280	350	460	TL

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:18.00R33								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	13200/29100	13600*/30000*	14000/30900	14500/32000	15000/33100	15500/34200	16000/35300	16500/36400
KPa/PSI	725/105	750/109	775/112	800/116	825/120			
KG/LBS	16500/36400	17000/37500	17500/38600	18000/39700	18500**/40800**			

Size:21.00R33								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	17000/37500	17500*/38600*	18000/39700	18500/40800	19000/41900	19500/43000	20000/44100	20600/45400
KPa/PSI	725/105	750/109	775/112	800/116	825/120			
KG/LBS	21200/46700	21800/48100	22400/49400	23000/50700	23600**/52000**			

Size:21.00R35								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	17000/37500	18000*/39700*	18500/40800	19000/41900	19500/43000	20000/44100	20600/45400	21200/46700
KPa/PSI	725/105	750/109	775/112	800/116	825/120			
KG/LBS	21800/48100	22400/49400	23000/50700	23600/52000	24300**/53600**			

Size:24.00R35								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	21800/48100	23000*/50700*	24300/53600	25000/55100	25750/56800	26500/58400	27250/60000	28000/61500
KPa/PSI	725/105	750/109	775/112	800/116	825/120			
KG/LBS	29000/64000	29000/64000	30000/66000	30000/66000	30750**/68000**			

50KM/H (30MPH)

Size:18.00R33								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	7750/17100	8000*/17600*	8500/18700	8750/19300	9000/19800	9250/20400	9750/21500	10000/22000
KPa/PSI	650/94	675/98	700/102					
KG/LBS	10300/22700	10600/23400	10900**/24000**					

Size:21.00R33								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	10000/22000	10300*/22700*	10900/24000	11200/24700	11500/25400	11800/26000/	12500/27600	12850/28300
KPa/PSI	650/94	675/98	700/102					
KG/LBS	13200/29100	13600/30000	14000**/30900**					

Size:21.00R35								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	10300/22700	10600*/23400*	11200/24700	11500/25400	11800/26000	12150/26800	12850/28300	13200/29100
KPa/PSI	650/94	675/98	700/102					
KG/LBS	13600/30000	14000/30900	14500**/32000**					

Size:24.00R35								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	13200/29100	13600*/30000*	14000/30900	14500/32000	15500/34200	16000/35300	16500/36400	17000/37500
KPa/PSI	650/94	675/98	700/102					
KG/LBS	17500/38600	18000/39700	18500**/40800**					

Rigid Dump Truck

Radial



TB526S



TL588



TB599

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Design Dimensions				Tread Depth		Performance Capability (TKPH)					Type
					Overall Width		Overall Diameter		32nds	mm	T1	T2A	T2B	T2C	T3	
					in	mm	in	mm								
27.00R49	TB526S	★★	E-4	19.50/4.0	27.6	700	105.8	2688	96	76	315	345	435	480	560	TL
33.00R51	TL588	★★	E-4	24.00/5.0	34.6	879	118.8	3018	107	85	350	415	520	575	695	TL
36.00R51	TB599	★★	E-4	26.00/5.0	40.1	1019	128.0	3251	129	102	485	655	820	902	975	TL
37.00R57	TB599	★★	E-4	27.00/6.0	41.5	1054	135.5	3442	129	102	550	685	860	950	1075	TL
40.00R57	TB599	★★	E-4	29.00/6.0	43.8	1111	140.5	3569	129	102	600	840	1050	1155	1190	TL
46/90R57	TB599	★★	E-4	32.00/6.0	46.8	1187	140.5	3569	129	102	625	875	1095	1204.5	1300	TL

Note: Compound & Application

Compound Code	Compound Description	Application Characteristics
T1	Abrasion resistant	Slow speed, highest wear, hot running
T2A	Hybrid A	Medium speed, higher wear, medium heat
T2B	Standard	Normal speed, medium wear, average heat
T2C	Hybrid C	Higher speed, fast wear, cool running
T3	Heat resistant	Highest speed, faster wear, coolest running

Operation job TKPH must not exceed rated TKPH of each compound.

50KM/H (30MPH)

Size:27.00R49								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	19500/43000	20000*/44100*	20600/45400	21800/48100	22400/49400	23000/50700	23600/52000	25000/55100
KPa/PSI	650/94	675/98	700/102					
KG/LBS	25750/56800	26500/58400	27250**/60000**					

Size:33.00R51								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	27250/60000	29000*/64000*	30000/66000	30750/68000	32500/71500	33500/74000	34500/76000	35500/78500
KPa/PSI	650/94	675/98	700/102					
KG/LBS	36500/80500	37500/82500	38750**/85500**					

Size:36.00R51								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	33500/74000	35500*/78500*	36500/80500	37500/82500	38750/85500	40000/88000	41250/91000	42500/93500
KPa/PSI	650/94	675/98	700/102					
KG/LBS	43750/96500	45000/99000	46250**/102000**					

Size:37.00R57								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	37500/82500	38750*/85500*	40000/88000	41250/91000	43750/96500	45000/99000	46250/102000	47500/104500
KPa/PSI	650/94	675/98	700/102					
KG/LBS	48750/107500	50000/110000	51500**/113500**					

Size:40.00R57								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	42500/93500	45000*/99000*	46250/102000	48750/107500	50000/110000	51500/113500	53000/117000	54500/120000
KPa/PSI	650/94	675/98	700/102					
KG/LBS	56000/123500	58000/128000	60000**/132500**					

Size:46/90R57								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	45000/99000	47500*/104500*	48750/107500	51500/113500	53000/117000	54500/120000	56000/123500	58000/128000
KPa/PSI	650/94	675/98	700/102					
KG/LBS	60000/132500	61500/135500	63000**/139000**					

Rigid Dump Truck

Bias



TL612



TL558

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								32nds
13.00-25	TL558	28PR	E-3	10.00/1.5	16.7	425	13.8	350	51.2	1300			30.8	24.5					TT	
14.00-24	TL612	16,24PR	E-3	10.00VA(SDC)	17.7	450	14.8	375	53.9	1370			37.8	30.0					TT	
	TL558	24,28PR	E-3	10.0	17.7	450	14.8	375	53.9	1370			37.8	30.0					TT	
14.00-25	TL558	28PR	E-3	10.00/2.0	17.7	450	14.8	375	53.9	1370			31.5	25					TT	

10KM/H (5MPH)

Size:14.00-24								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	6700/14800	6900/15200	7100/15700	7300(16)/16100(16)	7500/16500	7750/17100	8000/17600	8250/18200
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	8250/18200	8500(20)/18700(20)	8750/13600	9000/19800	9000/19800	9000/19800	9500/20900	9500(24)/20900(24)
KPa/PSI	875/126	900/130	925/133					
KG/LBS	9750/21400	9750/21400	10000(28)/22000(28)					

Size:14.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	6700/14800	6900/15200	7100/15700	7300/16100	7500/16500	7750/17100	8000/17600	8250/18200
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	8250/18200	8500/18700	8750/13600	9000/19800	9000/19800	9000/19800	9500/20900	9500/20900
KPa/PSI	875/126	900/130	925/133					
KG/LBS	9750/21400	9750/21400	10000(28)/22000(28)					

15KM/H (8MPH)

Size:13.00-25								
KPa/PSI	740/107							
KG/LBS	5770/12530(28)							

45KM/H (25MPH)

Size:13.00-25								
KPa/PSI	740/107							
KG/LBS	5010/11270(28)							

50KM/H (30MPH)

Size:14.00-24								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	3350/7400	3550/7850	3750/8250	3875/8550	4000/8800	4250/9350	4375/9650	4500/9900
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	4625/10200	4750/10500	4875/10700	5000/11000	5150(24)/11300(24)	5350/11800	5350/11800	5600(28)/12300(28)

Size:14.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	3350/7400	3550/7850	3750/8250	3875/8550	4000/8800	4250/9350	4375/9650	4500/9900
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	4625/10200	4750/10500	4875/10700	5000/11000	5150(24)/11300(24)	5350/11800	5350/11800	5600(28)/12300(28)

Rigid Dump Truck

Bias



TL612

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
16.00-25	TL612	28PR	E-3	11.25/2.0	20.2	513	16.9	430	58.9	1495			37.8	30.0				TT/TL	
18.00-25	TL612	28,32,40PR	E-3	13.00/2.5	23.1	587	19.7	500	63.6	1615			40.3	32.0				TT/TL	

10KM/H (5MPH)

Size:16.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	8750/19300	9000/19800	9500/20900	9750/21500	10000/20000	10000/20000	10300/22700	10300/23400
KPa/PSI	675/98	700/102	725/105	750/109				
KG/LBS	10900/24000	11200/24700	11200/24700	11500(28)/25400(28)				

Size:18.00-25								
KPa/PSI	475/69		525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	11500/25400	11800/26000	12150/26800	12500/27600	12850/28300	13200/29100	13600/30000	13600(28)/30000(28)
KPa/PSI	875/126	900/130	925/133	950/137	875/126	900/130	925/133	950/137
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)
KPa/PSI	875/126	900/130	925/133	950/137				
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)				

50KM/H (30MPH)

Size:16.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	4375/9650	4625/10200	4875/10700	5000/11000	5300/11700	5450/12000	5600/12300	5800/12800
KPa/PSI	475/69	500/73	525/76	550/80	575/83			
KG/LBS	6000/13200	6300/13900	6500/14300	6500/14300	6700(28)/14800(28)			

Size:18.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5600/12300	6000/13200	6300/13900	6500/14300	6900/15200	7100/15700	7300/16100	7500/16500
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	7750/17100	8000(28)/17600(28)	8250/18200	8500/18700	8750(32)/19300(32)	9000/19800	9250/20400	9250/20400
KPa/PSI	675/98	700/102						
KG/LBS	9500/20900	9750(40)/21400(40)						

Rigid Dump Truck

Bias



TL510



TL558

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
18.00-33	TL510	32PR	E-4	13.00/2.5	23.1	587	19.7	500	71.7	1820			69.3	55.0					TL
21.00-35	TL558	36PR	E-3	15.00/3.0	27.6	701	22.4	570	78.9	2005			56.7	45.0					TL
24.00-35	TL510	42PR	E-3	17.00/3.5	31.3	795	25.8	655	83.7	2125			56.7	45.0					TL
27.00-49	TL510	48RP	E-3	19.50/4.0	35.1	892	28.9	735	106.3	2700			79.4	63.0					TL

10KM/H (5MPH)

Size:18.00-33								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	13200/29100	13600/30000	14000/30900	14500/32000	15000/33100	15000/33100	15500/34200	16000/35300
KPa/PSI	675/98	700/102	725/105	750/109				
KG/LBS	16500/36400	16500/36400	17000/37500	17500(32)/38600(32)				

Size:21.00-35								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	17500/38600	18000/39700	18500/40800	19000/41900	19500/43000	20000/44100	20600/45400	21200(32)/46700(32)
KPa/PSI	675/98	700/102	725/105	750/109				
KG/LBS	21200/46700	21800/48100	22400/49400	23000(36)/50700(36)				

Size:24.00-35								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	22400/49400	23000/50700	23600/52000	24300/53600	25000/55100	25750/56800	26500/58400	26500/58400
KPa/PSI	675/98	700/102	725/105	750/109				
KG/LBS	27250/60000	28000/61500	29000/64000	29000(42)/64000(42)				

Size:27.00-49								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	32500/72500	33500/74000	34500/76000	35500/78500	36500(36)/80500(36)	37500/82500	38750/85500	40000/88000
KPa/PSI	675/98	700/102	725/105	750/109	775/112			
KG/LBS	40000(42)/88000(42)	41250/91000	42500/93500	42500/93500	43750(48)/96500(48)			

50KM/H (30MPH)

Size:18.00-33								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	6500/14300	6900/15200	7300/16100	7500/16500	8000/17600	8250/18200	8500/18700	8750/19300
KPa/PSI	475/69	500/73	525/76	550/80	575/83			
KG/LBS	9000/19800	9250/20400	9750/21500	10000/22000	10300(32)/22700(32)			

Size:21.00-35								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	8750/19300	9250/20400	9500/20900	10000/22000	10300/22700	10900/24000	11200/24700	11500/25400
KPa/PSI	475/69	500/73	525/76	550/80				
KG/LBS	11800/26000	12150(32)/26800(32)	12850/28300	12850(36)/28300(36)				

Size: 24.00-35								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	11200/24700	11800/26000	12150/26800	12850/28300	13200/29100	14000/30900	14500/32000	15000/33100
KPa/PSI	475/69	500/73	525/76	575/83				
KG/LBS	15500/34200	15500/34200	16000/35300	17000(42)/37500(42)				

Size: 27.00-49								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	16500/36400	17000/37500	18000/39700	19000/41900	19500/43000	20600/45400	21200(36)/46700(36)	21800/48100
KPa/PSI	475/69	500/73	525/76	550/80	575/83			
KG/LBS	22400/49400	23000(42)/50700(42)	23600/52000	24300/53600	25000(48)/55100(48)			

Articulated Dump Truck

Radial



TB516

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
							in	mm	in	mm	in	mm							
17.5R25	TB516	★	L-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0				TL	
			E-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0	85	110	130		
		★★	L-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0					
			E-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0	110	140	170		
20.5R25	TB516	★	L-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0				TL	
			E-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0					
		★★	L-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0					
			E-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0	120	150	190		

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:17.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	6000/13200	6150/13600	6500/14300	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	8000/17600	8250/18200	8500**/18700**					

Size:20.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	8000/17600	8250/18200	8750/19300	9000/19800	9500*/20900*	9750/21500	10000/22000	10300/22700
KPa/PSI	600/87	625/91	650/94					
KG/LBS	10900/24000	11200/24700	11500**/25400**					

40KM/H (25MPH)

Size:17.5R25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36	275/40	300/44
KG/LBS	1850/4080	2120/4680	2360/5200	2650/5840	2900/6400	3075/6800	3350/7400	3650*/8050*

Size:20.5R25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36	275/40	300/44
KG/LBS	2430/5360	2800/6150	3150/6950	3450/7600	3875/8550	4125/9100	4375/9650	4625*/10200*

50KM/H (30MPH)

Size:17.5R25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	3350/7400	3550/7850	3750/8250	4000/8800	4125*/9100*	4375/9650	4625/10200	4750/10500
KPa/PSI	475/69	500/73	525/76					
KG/LBS	5000/11000	5150/11400	5450**/12000**					

Size:20.5R25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	4375/9650	4750/10500	5000/11000	5300/11700	5600*/12300*	5800/12800	6150/13600	6500/14300
KPa/PSI	475/69	500/73	525/76					
KG/LBS	6700/14800	6900/15200	7300**/16100**					

Articulated Dump Truck

Radial



TB598S



TB516

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	
23.5R25	TB598S	★	E-4	19.50/2.5			23.5	597	65.9	1673	28.3	720	59.2	47.0				TL
		★★	E-4	19.50/2.5			23.5	597	65.9	1673	28.3	720	59.2	47.0	115	135	185	
	TB516	★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0				
			E-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0				
		★★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0				
			E-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0	145	170	230	
26.5R25	TB598S	★	E-4	22.00/3.0			26.5	673	70.8	1798			68.0	54.0				TL
		★★	E-4	22.00/3.0			26.5	673	70.8	1798			68.0	54.0	125	150	195	
	TB516	★	L-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0				
			E-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0	155	190	240	
		★★	L-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0				
			E-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0	155	190	240	
29.5R25	TB598S	★	E-4	25.00/3.5			29.5	749	75.6	1921	33.7	856	71.8	57.0				TL
		★★	E-4	25.00/3.5			29.5	749	75.6	1921	33.7	856	71.8	57.0	135	175	225	

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:23.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	10300/22700	10600/23400	11200/24700	11500/25400	12150*/26800*	12500/27600	12850/28300	13200/29100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	13600/30000	14000/30900	14500**/32000**					

Size:26.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	12850/28300	13200/29100	14000/30900	14500/32000	15000*/33100*	15500/34200	16000/35300	16500/36400
KPa/PSI	600/87	625/91	650/94					
KG/LBS	17000/37500	18000/39700	18500**/40800**					

50KM/H (30MPH)

Size:23.5R25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5600/12300	6000/13200	6500/14300	6700/14800	7100*/15700*	7500/16500	7750/17100	8250/18200
KPa/PSI	475/69	500/73	525/76					
KG/LBS	8500/18700	9000/19800	9250**/20400**					

Size:26.5R25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	7100/15700	7500/16500	8000/17600	8500/18700	9000*/19800*	9500/20900	9750/21500	10300/22700
KPa/PSI	475/69	500/73	525/76					
KG/LBS	10600/23400	11200/24700	11500**/25400**					

Size:29.5R25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	8500/18700	9250/20400	9750/21500	10300/22700	10900*/24000*	11500/25400	11800/26000	12500/27600
KPa/PSI	475/69	500/73	525/76					
KG/LBS	12850/28300	13600/30000	14000**/30900**					

Articulated Dump Truck

Radial



TB598

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								32nds
750/65R25	TB598	★	L-3	24.00/3.0			29.7	754	63.4	1611			52.9	42.0						TL
		★★	E-3	24.00/3.0			29.7	754	63.4	1611			52.9	42.0	130	190	250			
775/65R29	TB598	★★	L-3	24.00/3.5			30.4	771	68.7	1745			55.4	44.0						TL
			E-3	24.00/3.5			30.4	771	68.7	1745			55.4	44.0	195	235	325			
875/65R29	TB598	★	L-3	28.00/3.5			34.2	868	73.5	1868			63.0	50.0						TL
		★★	E-3	28.00/3.5			34.2	868	73.5	1868	32.5	825	63.0	50.0	230	285	360			

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:750/65R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	13200/29100	13600/30000	14500/32000	15000*/33100*	15500/34200	16000/35300	16500/36400	17000/37500
KPa/PSI	600/87	625/91						
KG/LBS	17500/38600	18500**/40900**						

Size:775/65R29								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	15000/33100	15500/34200	16500/36400	17000*/37500*	17500/38600	18500/40800	19000/41900	19500/43000
KPa/PSI	600/87	625/91						
KG/LBS	20000/44100	20600**/45400**						

Size:875/65R29								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	18500/40800	19500/43000	20600/45400	21200*/46700*	21800/48100	23000/50700	23600/52000	24300/53600
KPa/PSI	600/87	625/91						
KG/LBS	25000/55100	25750**/56800**						

50KM/H (30MPH)

Size:750/65R25								
KPa/PSI	350/51	375/54	400/58	425/62				
KG/LBS	9250/20400	9750/21500	10000/22700	10600**/23400**				

Size:775/65R29								
KPa/PSI	350/51	375/54	400/58	425/62				
KG/LBS	10900/24000	11500/25400	12150/26800	12850**/28300**				

Size::875/65R29								
KPa/PSI	350/51	375/54	400/58	425/62				
KG/LBS	13200/29100	14000/30900	14500/32000	15500**/34200**				

Motor Wheel Loader

Radial


TB516

TL538S+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								32nds
17.5R25	TB516	★	L-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0						TL
		★★	L-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0						
20.5R25	TL538S+	★	L-5	17.00/2.0			20.5	521	61.0	1548	25.8	656	88.2	70.0						TL
		★★	L-5	17.00/2.0			20.5	521	61.0	1548	25.8	656	88.2	70.0						
	TB516	★	L-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0						
		★★	L-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0						

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:17.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	6000/13200	6150/13600	6500/14300	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	8000/17600	8250/18200	8500**/18700**					

Size:20.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	8000/17600	8250/18200	8750/19300	9000/19800	9500*/20900*	9750/21500	10000/22000	10300/22700
KPa/PSI	600/87	625/91	650/94					
KG/LBS	10900/24000	11200/24700	11500**/25400**					

Motor Wheel Loader

Radial


TM518
TL559S+
TL538S+
TL528
TB516-II
TB516

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	
23.5R25	TM518	★	L-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0				TL
		★★	L-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0				
	TL559S+	★★	L-5	19.50/2.5			23.5	597	65.9	1673	29.1	738	103.3	82.0				
		★	L-5	19.50/2.5			23.5	597	65.9	1673	28.3	720	97.0	77.0				
	TL538S+	★★	L-5	19.50/2.5			23.5	597	65.9	1673	28.3	720	97.0	77.0				
		★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0				
	TL528	★★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0				
		★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0				
TB516-II	★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0					
TB516	★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0					
	★★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0					
26.5R25	TL559S+	★★	L-5	22.00/3.0			26.5	673	70.8	1798	29.8	758	113.4	90.0				TL
		★	L-5	22.00/3.0			26.5	673	70.8	1798	29.4	748	108.3	86.0				
	TL538S+	★★	L-5	22.00/3.0			26.5	673	70.8	1798	29.4	748	108.3	86.0				
		★	L-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0				
	TB516	★★	L-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0				

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:23.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	10300/22700	10600/23400	11200/24700	11500/25400	12150*/26800*	12500/27600	12850/28300	13200/29100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	13600/30000	14000/30900	14500**/32000**					

Size:26.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	12850/28300	13200/29100	14000/30900	14500/32000	15000*/33100*	15500/34200	16000/35300	16500/36400
KPa/PSI	600/87	625/91	650/94					
KG/LBS	17000/37500	18000/39700	18500**/40800**					

Motor Wheel Loader

Radial


TL559S+

TL538S+

TB516

TL535S+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	
29.5R25	TL559S+	★★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	126.0	100.0				TL
		★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	118.4	94.0				
	TL538S+	★★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	118.4	94.0				
		★	L-3	25.00/3.5			29.5	749	73.8	1874	31.8	807	47.9	38.0				
35/65R33	TL535S+	★	L-5	28.00/3.5			35.0	889	81.8	2077			119.7	95.0				TL
		★★	L-5	28.00/3.5			35.0	889	81.8	2077			119.7	95.0				

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:29.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	15500/34200	16000/35300	17000/37500	17500/38600	18000*/39700*	19000/41900	19500/43000	20000/44100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	20600/45400	21200/46700	22400**/49400**					

Size:35/65R33								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	21200/46700	22400/49400	23000*/50700*	23600/52000	25000/55100	25750/56800	26500/58400	27250/60000
KPa/PSI	650/94							
KG/LBS	28000**/61500**							

Motor Wheel Loader

Bias



TL612



TL516

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
							in	mm	in	mm	in	mm							
17.5-25	TL612	12,16PR	L-3	14.00/1.5			17.5	445	53.1	1350	24.0	611	32.1	26.0				TT	
			L-3	14.00/1.5			17.5	445	53.1	1350	24.0	611	32.8	25.5				TL	
	TL516	12,16PR	L-3	14.00/1.5			17.5	445	53.1	1350	26.9	684	32.8	26.0				TT	

10KM/H (5MPH)

Size:17.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5300/11700	5600/12300	5800/12800	6150 (12) /13600 (12)	6300/13900	6700/14800	6900/15200	7100/15700
KPa/PSI	475/69							
KG/LBS	7300 (16) /16100 (16)							

50KM/H (30MPH)

Size:17.5-25								
KPa/PSI	225/33	250/36	275/40	300/44				
KG/LBS	3650 (12) /8050 (12)	3875/8550	4125/9100	4250 (16) /9350 (16)				

Motor Wheel Loader

Bias



TL612



TL516

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
							in	mm	in	mm	in	mm							
20.5-25	TL612	16,20PR	L-3	17.00/2.0			20.5	520	58.7	1490			35.9	28.5					TL
			L-3	17.00/2.0			20.5	520	58.7	1490			36.5	29.0					TT
23.5-25	TL612	16,18,20RP	L-3	19.50/2.5			23.4	595	63.6	1615			39.7	31.5					TL
			L-3	19.50/2.5			23.4	595	63.6	1615			40.3	32.0					TT
	TL516	16,20PR	L-3	19.50/2.5			23.5	595	63.6	1615			40.3	32.0					TT

10KM/H (5MPH)

Size:20.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	7100/15700	7500/16500	7750/17100	8250 (16) /18200 (16)	8500/18700	8750/19300	9250/20400	9500 (20) /20900 (20)
KPa/PSI	475/69	500/73	525/76					
KG/LBS	9750/21500	10000/22000	10300/22700					

Size:23.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	9000/19800	9500 (16) /20900 (16)	10000/22000	10050 (18) /22200 (18)	10900 (20) /24000 (20)	11200/24700	11800/26000	12150/26800

50KM/H (30MPH)

Size:20.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	4875/10700	5150/11400	5450 (16) /12000 (16)	5800/12800	6000 (20) /13200 (20)			

Size:23.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	6150 (16) /13600 (16)	6500/14300	6700 (18) /14800 (18)	7300 (20) /16100 (20)	7750/17100			

Motor Wheel Loader

Bias



TL612



TL520

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3
26.5-25	TL612	20,28PR	L-4	22.00/3.0			26.6	675	70.9	1800			68.0	54.0					TL
			L-3	22.00/3.0			26.6	675	68.9	1750			44.1	35.0					
29.5-25	TL612	22,28PR	L-3	25.00/3.5			29.5	750	73.8	1875			54.2	43.0					TL
29.5-29	TL612	28PR	L-3	25.00/3.5			29.5	750	77.8	1975			54.2	43.0					TL
35/65-33	TL520	42PR	L-5	28.00/3.5			35.0	890	81.7	2075			122.2	97.0					TL
45/65-45	TL520	46, 58PR	L-5	36.00/4.5			44.9	1140	107.7	2735			146.1	116.0					TL

10KM/H (5MPH)

Size:26.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	11500/25400	12150/26800	12500/27600	13200 (20) /29100 (20)	13600/30000	14000/30900	14500/32000	15000/33100
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	
KG/LBS	15500 (28) /34200 (28)	16000/35300	16500/36400	17000/37500	17500/38600	18000/39700	18500 (36) /40800 (36)	

Size:29.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	
KG/LBS	13600/30000	14500/32000	15000 (22) /33100 (22)	16000/35300	16500/36400	17000/37500	17500 (28) /38600 (28)	

Size:29.5-29								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	
KG/LBS	14500/32000	15500/34200	16000/35300	17000/37500	17500/38600	18000/39700	19000 (28) /41900 (28)	

Size:35/65-33								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	16500/36400	17000/37500	18000/39700	19000/41900	19500/43000	20000/44100	21200/46700	21800/48100
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	
KG/LBS	22400/49400	23000/50700	23600(36)/52000(36)	24400/53800	25000/55100	25800/56900	26500(42)/58400(42)	

Size:45/65-45								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	30000/66000	31500/69500	32500/71500	34500/76000	35500/78500	37500/82500	38750/85500	40000/88000
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	41250/91000	42500/93500	43750(46)/96500(46)	45000/99000	46250/102000	47500/104700	48750/107400	48750/107400
KPa/PSI	675/98							
KG/LBS	50000(58)/110200(58)							

50KM/H (30MPH)

Size:26.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47	350/51		
KG/LBS	7750/17100	8250 (20) /18200 (20)	8750/19300	9250/20400	9500/20900	10000 (28) /22000 (28)		

Size:29.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	9250/20400	10000 (22) /22000 (22)	10600/23400	10900/24000	11500 (28) /25400 (28)			

Size:29.5-29								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	10000/22000	10600/23400	11200/24700	11800/26000	12150 (28) /26800 (28)			

WHEEL DOZER

Radial


TB516

TL538S+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	
17.5R25	TB516	★	L-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0				TL
			E-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0	85	110	130	
		★★	L-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0				
			E-3	14.00/1.5			17.5	445	53.1	1348	23.6	600	32.8	26.0	110	140	170	
20.5R25	TB516	★	L-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0				TL
			E-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0				
		★★	L-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0				
			E-3	17.00/2.0			20.5	521	58.8	1493	25.8	656	37.8	30.0	120	150	190	
	TL538S+	★	L-5	17.00/2.0			20.5	521	61.0	1548	25.8	656	88.2	70.0				
		★★	L-5	17.00/2.0			20.5	521	61.0	1548	25.8	656	88.2	70.0				

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:17.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	6000/13200	6150/13600	6500/14300	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	8000/17600	8250/18200	8500**/18700**					

Size:20.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	8000/17600	8250/18200	8750/19300	9000/19800	9500*/20900*	9750/21500	10000/22000	10300/22700
KPa/PSI	600/87	625/91	650/94					
KG/LBS	10900/24000	11200/24700	11500**/25400**					

WHEEL DOZER

Radial


TB516
TB516-II
TL528
TM518
TL538S+
TL559S+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	

23.5R25	TB516	★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0				TL	
			E-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0					
		★★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0					
			E-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0	145	170	230		
	TB516-II	★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	40.3	32.0					
	E-3		19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0						
	TL528	★	L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0					
			E-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0					
			L-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0					
		★★	E-3	19.50/2.5			23.5	597	63.7	1617	28.3	720	50.4	40.0	150	190	230		
			L-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0					
			E-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0					
TM518	★	L-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0						
		E-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0						
	★★	L-2	19.50/2.5			23.5	597	63.7	1617	28.3	720	37.8	30.0						
TL538S+	★	L-5	19.50/2.5			23.5	597	65.9	1673	28.3	720	97.0	77.0						
		E-5	19.50/2.5			23.5	597	65.9	1673	28.3	720	97.0	77.0						
TL559S+	★★	L-5	19.50/2.5			23.5	597	65.9	1673	29.1	738	103.3	82.0						

26.5R25	TB516	★	L-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0				TL	
			E-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0	155	190	240		
		★★	L-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0					
			E-3	22.00/3.0			26.5	673	68.9	1750	30.5	775	44.1	35.0	155	190	240		
	TL538S+	★	L-5	22.00/3.0			26.5	673	70.8	1798	29.4	748	108.3	86.0					
			E-5	22.00/3.0			26.5	673	70.8	1798	29.4	748	108.3	86.0					
		★★	L-5	22.00/3.0			26.5	673	70.8	1798	29.8	758	113.4	90.0					

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:23.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	10300/22700	10600/23400	11200/24700	11500/25400	12150*/26800*	12500/27600	12850/28300	13200/29100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	13600/30000	14000/30900	14500**/32000**					

Size:26.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	12850/28300	13200/29100	14000/30900	14500/32000	15000*/33100*	15500/34200	16000/35300	16500/36400
KPa/PSI	600/87	625/91	650/94					
KG/LBS	17000/37500	18000/39700	18500**/40800**					

WHEEL DOZER

Radial


TB516

TL538S+

TL559S+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad				T1	T2	T3		
					in	mm	in	mm	in	mm	in	mm	32nds	mm				TT	TL
29.5R25	TB516	★	L-3	25.00/3.5			29.5	749	73.8	1874	31.8	807	47.9	38.0				TL	
			E-3	25.00/3.5			29.5	749	73.8	1874	32.6	829	47.9	38.0					
	★ ★	L-3	25.00/3.5			29.5	749	73.8	1874	31.8	807	47.9	38.0						
		E-3	25.00/3.5			29.5	749	73.8	1874	32.6	829	47.9	38.0	180	230	290			
	TL538S+	★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	118.4	94.0					
			L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	118.4	94.0					
TL559S+	★ ★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	126.0	100.0						

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:29.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	500/80	575/83
KG/LBS	15500/34200	16000/35300	17000/37500	17500/38600	18000*/39700*	19000/41900	19500/43000	20000/44100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	20600/45400	21200/46700	22400**/49400**					

WHEEL DOZER

Bias



TL508



TL516



TL612

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
15.5-25	TL508	12PR	E-2	12.00/1.3			15.6	395	50.2	1275			31.5	25.0					TL
17.5-25	TL508	12,16PR	E-2	14.00/1.5			17.5	445	53.1	1350			31.5	25.0					TL
	TL516	12,16PR	L-3	14.00/1.5			17.5	445	53.1	1350			32.8	26.0					TT
	TL612	12,16PR	L-3	14.00/1.5			17.5	445	53.1	1350			32.1	26.0					TT
			L-3	14.00/1.5			17.5	445	53.1	1350			32.8	25.5					TL

10KM/H (5MPH)

Size:15.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58		
KG/LBS	4500/9900	4750/10500	4875/10700	5150/11400	5300/11700	5600(12)/12300(12)		

Size:17.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5300/11700	5600/12300	5800/12800	6150 (12) /13600 (12)	6300/13900	6700/14800	6900/15200	7100/15700
KPa/PSI	475/69							
KG/LBS	7300 (16) /16100 (16)							

50KM/H (30MPH)

Size:15.5-25								
KPa/PSI	225/33	250/36						
KG/LBS	3000/6600	3250 (12) /7150 (12)						

Size:17.5-25								
KPa/PSI	225/33	250/36	275/40	300/44				
KG/LBS	3650 (12) /8050 (12)	3875/8550	4125/9100	4250 (16) /9350 (16)				

WHEEL DOZER

Bias



TL508



TL516



TL612

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm						
20.5-25	TL508	12,16PR	E-2	17.00/2.0			20.5	520	58.7	1490			35.9	28.5				TL
	TL612	16,20PR	L-3	17.00/2.0			20.5	520	58.7	1490			35.9	28.5				TL
L-3			17.00/2.0			20.5	520	58.7	1490			36.5	29.0				TT	
23.5-25	TL508	16PR	E-2	19.50/2.5			23.4	595	63.6	1615			38.4	30.5				TL
	TL516	16,20PR	L-3	19.50/2.5			23.5	595	63.6	1615			40.3	32.0				TT
	TL612	16,18,20PR	L-3	19.50/2.5			23.4	595	63.6	1615			39.7	31.5				TL
			L-3	19.50/2.5			23.4	595	63.6	1615			40.3	32.0				TT
26.5-25	TL612	20,28PR	L-4	22.00/3.0			26.6	675	70.9	1800			68.0	54.0				TL
			L-3	22.00/3.0			26.6	675	68.9	1750			44.1	35.0				
29.5-25	TL612	22,28PR	L-3	25.00/3.5			29.5	750	73.8	1875			54.2	43.0				TL

10KM/H (5MPH)

Size:20.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	7100/15700	7500/16500	7750/17100	8250 (16) /18200 (16)	8500/18700	8750/19300	9250/20400	9500 (20) /20900 (20)
KPa/PSI	475/69	500/73	525/76					
KG/LBS	9750/21500	10000/22000	10300/22700					

Size:23.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	9000/19800	9500 (16) /20900 (16)	10000/22000	10050 (18) /22200 (18)	10900 (20) /24000 (20)	11200/24700	11800/26000	12150/26800

Size:26.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	11500/25400	12150/26800	12500/27600	13200 (20) /29100 (20)	13600/30000	14000/30900	14500/32000	15000/33100
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	
KG/LBS	15500 (28) /34200 (28)	16000/35300	16500/36400	17000/37500	17500/38600	18000/39700	18500 (36) /40800 (36)	

Size:29.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	
KG/LBS	13600/30000	14500/32000	15000 (22) /33100 (22)	16000/35300	16500/36400	17000/37500	17500 (28) /38600 (28)	

50KM/H (30MPH)

Size:20.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	4875/10700	5150/11400	5450 (16) /12000 (16)	5800/12800	6000 (20) /13200 (20)			

Size:23.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	6150 (16) /13600 (16)	6500/14300	6700 (18) /14800 (18)	7300 (20) /16100 (20)	7750/17100			

Size:26.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47	350/51		
KG/LBS	7750/17100	8250 (20) /18200 (20)	8750/19300	9250/20400	9500/20900	10000 (28) /22000 (28)		

Size:29.5-25								
KPa/PSI	225/33	250/36	275/40	300/44	325/47			
KG/LBS	9250/20400	10000 (22) /22000 (22)	10600/23400	10900/24000	11500 (28) /25400 (28)			

GRADER

Radial



TB536



TB515

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm						
14.00R24	TB536	★	G-2	10.00VA	17.7	450	14.8	375	53.9	1368			31.5	25.0				TL
		★★★	E-2	10.00W	17.7	450	14.8	375	53.9	1368			31.5	25.0	110	140	170	
	TB515	★	G-2	10.00VA	17.7	450	14.8	375	53.9	1368			31.5	25.0				
17.5R25	TB515	★	L-2	14.00/1.5			17.5	445	53.1	1348	24.0	610	34.0	27.0				TL
			G-2	14.00/1.5			17.5	445	53.1	1348	24.0	610	34.0	27.0				
		★★	L-2	14.00/1.5			17.5	445	53.1	1348	24.0	610	34.0	27.0				
20.5R25	TB515	★	L-2	17.00/2.0			20.5	521	58.8	1493	26.3	669	37.8	30.0				TL
			G-2	17.00/2.0			20.5	521	58.8	1493	26.3	669	37.8	30.0				
		★★	L-2	17.00/2.0			20.5	521	58.8	1493	26.3	669	37.8	30.0				

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

40KM/H (25MPH)

Size:14.00R24								
KPa/PSI	200/29	225/33	250/36	275/40	300/44	325/47	350/51	375/54
KG/LBS	2240/4940	2430/5360	2650/5840	2800/6150	3000/6600	3250/7150	3350/7400	3650*/8050*

Size:17.5R25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36	275/40	300/44
KG/LBS	1850/4080	2120/4680	2360/5200	2650/5840	2900/6400	3075/6800	3350/7400	3650*/8050*

Size:20.5R25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36	275/40	300/44
KG/LBS	2430/5360	2800/6150	3150/6950	3450/7600	3875/8550	4125/9100	4375/9650	4625*/10200*

Note: Not applicable for 14.00R24 TB536 ★★ E-2

50KM/H (30MPH)

Size:14.00R24								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	4000/8800	4125*/9100*	4375/9650	4500/9900	4625/10200	4750/10500	5000/1100	5150/11400
KPa/PSI	650/94	675/98	700/102	700/102				
KG/LBS	5300/11700	5450/12000	5600**/12300**	5800***/12760***				

Note: Not applicable for 14.00R24 TB536 ★ G-2, 14.00R24 TB515 ★ G-2

GRADER

Bias



TL508

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
14.00-24TG	TL508	12PR	E-2	8.0TG			14.2	360	53.1	1350			31.5	25.0					TL
15.5-25	TL508	12PR	E-2	12.00/1.3			15.6	395	50.2	1275			31.5	25.0					TL

40KM/H (25MPH)

Size:14.00-24TG								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36		
KG/LBS	2060/4540	2300/5080	2500/5520	2650/5840	2800/6150	3075 (12) /6800 (12)		
Size:15.5-25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36		
KG/LBS	1800/3960	1950/4300	2180/4800	2360/5200	2500/5520	2650 (12) /5840 (12)		

GRADER

Bias



TL508

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
17.5-25	TL508	12,16PR	E-2	14.00/1.5			17.5	445	53.1	1350			31.5	25.0					TL
20.5-25	TL508	12,16PR	E-2	17.00/2.0			20.5	520	58.7	1490			35.9	28.5					TL
23.5-25	TL508	12,16PR	E-2	19.50/2.5			23.4	595	63.6	1615			38.4	30.5					TL

40KM/H (25MPH)

Size:17.5-25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36	275/40	
KG/LBS	2120/4680	2360/5200	2575/5680	2900 (12) /6400 (12)	3000/6600	3150/6950	3350 (16) /7400 (16)	

Size:20.5-25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33			
KG/LBS	2800/6150	3150/6950	3550/7850	3750/8250	4000 (16) /8800 (16)			

Size:23.5-25								
KPa/PSI	125/18	150/22	175/25	200/29	225/33	250/36		
KG/LBS	3650/8050	4000(12) /8800(12)	4375/9650	4750 (16) /10500 (16)	5150/11400	5450 (20) /12000 (20)		

MOBILE CRANE

Radial



TB586



TB589

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm						
14.00R24 (385/95R24 170E ROAD)	TB586	★★★	E-2	10.00W	17.7	450	14.8	375	53.9	1368	24.7	627	27.7	22.0	125	160	195	TT
14.00R25 (385/95R25 170E ROAD)	TB586	★★★	E-2	10.00/1.5	17.7	450	14.8	375	53.9	1368	24.6	626	27.7	22.0	125	160	195	TL
		★★★ RF	E-2	10.00/2.0	17.7	450	14.8	375	53.9	1368			27.7	22.0				TT
16.00R25 (445/95R25 177E ROAD)	TB586	★★★	E-2	11.25/2.0	20.2	513	17.0	432	58.8	1493	26.9	682	30.2	24.0	165	210	255	TL
18.00R25 (505/95R25 186E ROAD)	TB589	★★★	E-2	13.00/2.5	23.1	587	19.6	498	63.7	1617			32.8	26.0	200	240	300	TL

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

70KM/H (45MPH)

Size:14.00R24 (385/95R24 170E ROAD)								
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	5000/11000	5150/11400	5300/11700	5450/12000	5600/12300	5800/12800	5800/12800	6000***/13200***

Size:14.00R25 (385/95R25 170E ROAD)								
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	5000/11000	5150/11400	5300/11700	5450/12000	5600/12300	5800/12800	5800/12800	6000***/13200***

Size:16.00R25 (445/95R25 177E ROAD)								
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	6150/13600	6300/13900	6500/14300	6700/14800	6900/15200	6900/15200	7100/15700	7300***/16100***

Size:18.00R25 (505/95R25 186E ROAD)								
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	8000/17600	8250/18200	8500/18700	8750/19300	8750/19300	9000/19800	9250/20400/	9500***/20900***

MOBILE CRANE

Bias



TL558

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								in
14.00-24	TL558	24,28PR	E-3	10.0	17.7	450	14.8	375	53.9	1370	25.5	648	37.8	30.0					TT	
14.00-25	TL558	28PR	E-3	10.00/2.0	17.7	450	14.8	375	53.9	1370	25.5	648	31.5	25.0					TT	

10KM/H (5MPH)

Size:14.00-24								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	6700/14800	6900/15200	7100/15700	7300(16)/16100(16)	7500/16500	7750/17100	8000/17600	8250/18200
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	8250/18200	8500(20)/18700(20)	8750/13600	9000/19800	9000/19800	9000/19800	9500/20900	9500(24)/20900(24)
KPa/PSI	875/126	900/130	925/133					
KG/LBS	9750/21400	9750/21400	10000(28)/22000(28)					

Size:14.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	6700/14800	6900/15200	7100/15700	7300/16100	7500/16500	7750/17100	8000/17600	8250/18200
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	8250/18200	8500/18700	8750/13600	9000/19800	9000/19800	9000/19800	9500/20900	9500/20900
KPa/PSI	875/126	900/130	925/133					
KG/LBS	9750/21400	9750/21400	10000(28)/22000(28)					

50KM/H (30MPH)

Size:14.00-24								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	3350/7400	3550/7850	3750/8250	3875/8550	4000/8800	4250/9350	4375/9650	4500/9900
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	4625/10200	4750/10500	4875/10700	5000/11000	5150(24)/11300(24)	5350/11800	5350/11800	5600(28)/12300(28)

Size:14.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	3350/7400	3550/7850	3750/8250	3875/8550	4000/8800	4250/9350	4375/9650	4500/9900
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	4625/10200	4750/10500	4875/10700	5000/11000	5150(24)/11300(24)	5350/11800	5350/11800	5600(28)/12300(28)

MOBILE CRANE

Bias



TL612

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
16.00-25	TL612	28PR	E-3	11.25/2.0	20.2	513	16.9	430	58.9	1495			37.8	30.0					TT/TL
18.00-25	TL612	28,32,40PR	E-3	13.00/2.5	23.1	587	19.7	500	63.6	1615			37.8	30.0					TT/TL

10KM/H (5MPH)

Size:16.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	8750/19300	9000/19800	9500/20900	9750/21500	10000/20000	10000/20000	10300/22700	10300/23400
KPa/PSI	675/98	700/102	725/105	750/109				
KG/LBS	10900/24000	11200/24700	11200/24700	11500(28)/25400(28)				

Size:18.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	11500/25400	11800/26000	12150/26800	12500/27600	12850/28300	13200/29100	13600/30000	13600(28)/30000(28)
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	14000/30900	14500/32000	14500/32000	15000(32)/33100(32)	15000/33100	15500/34100	15500/34100	16000/35200
KPa/PSI	875/126	900/130	925/133	950/137				
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)				

50KM/H (30MPH)

Size:16.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	4375/9650	4625/10200	4875/10700	5000/11000	5300/11700	5450/12000	5600/12300	5800/12800
KPa/PSI	475/69	500/73	525/76	550/80	575/83			
KG/LBS	6000/13200	6300/13900	6500/14300	6500/14300	6700(28)/14800(28)			

Size:18.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5600/12300	6000/13200	6300/13900	6500/14300	6900/15200	7100/15700	7300/16100	7500/16500
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	7750/17100	8000(28)/17600(28)	8250/18200	8500/18700	8750(32)/19300(32)	9000/19800	9250/20400	9250/20400
KPa/PSI	675/98	700/102						
KG/LBS	9500/20900	9750(40)/21400(40)						

UNDERGROUND EQUIPMENT Radial



Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad				T1	T2	T3		
							in	mm	in	mm	in	mm			in	mm	32nds		mm
16.00R25	TSMS	★	L-4S	11.25/2.0	20.2	513	17.0	432	61.0	1548	26.0	661	64.3	51.0					TL
		★★	L-4S	11.25/2.0	20.2	513	17.0	432	61.0	1548	26.0	661	64.3	51.0					
		★★★	L-4S	11.25/2.0	20.2	513	17.0	432	61.0	1548	26.0	661	64.3	51.0					
18.00R25	TSMS+	★	L-5S	13.00/2.5	23.1	587	19.6	498	65.9	1673			100.8	80.0					TL
		★★	L-5S	13.00/2.5	23.1	587	19.6	498	65.9	1673			100.8	80.0					
20.5R25	TL538S+	★	L-5	17.00/2.0			20.5	521	61.0	1548	25.8	656	88.2	70.0					TL
		★★	L-5	17.00/2.0			20.5	521	61.0	1548	25.8	656	88.2	70.0					

10KM/H (5MPH)

Size:16.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	8750/19300	9000*/19800*	9250/20400	9750/21500	10000/22000	10300/22700	10600/23400	10900/24000
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	11200/24700	11500/25400	11800/26000	12150/26800	12150**/26800**	12450/27400	12850/28300	13250***/29200***

Size:18.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	11200/24700	11800*/26000*	12150/26800	12500/27600	12850/28300/	13200/29100	13600/30000	14000/30900
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	14500/32000	15000/33100	15000/33100	15500/34200	16000**/35300**	16350/36000	16750/36900	17100***/37700***

Size:20.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	8000/17600	8250/18200	8750/19300	9000/19800	9500*/20900*	9750/21500	10000/22000	10300/22700
KPa/PSI	600/87	625/91	650/94					
KG/LBS	10900/24000	11200/24700	11500**/25400**					

UNDERGROUND EQUIPMENT Radial



TL538S+



TSMS+



TL559S+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
							in	mm	in	mm	in	mm							
23.5R25	TL538S+	★	L-5	19.50/2.5			23.5	597	65.9	1673	28.3	720	97.0	77.0					TL
		★★	L-5	19.50/2.5			23.5	597	65.9	1673	28.3	720	97.0	77.0					
	TL559S+	★★	L-5	19.50/2.5			23.5	597	65.9	1673	29.1	738	103.3	82.0					
26.5R25	TSMS+	★	L-5S	22.00/3.0			26.5	673	70.8	1798			118.4	94.0					TL
		★★	L-5S	22.00/3.0			26.5	673	70.8	1798			118.4	94.0					
	TL538S+	★	L-5	22.00/3.0			26.5	673	70.8	1798	29.4	748	108.3	86.0					
		★★	L-5	22.00/3.0			26.5	673	70.8	1798	29.4	748	108.3	86.0					
		TL559S+	★★	L-5	22.00/3.0			26.5	673	70.8	1798	29.8	758	113.4	90.0				
29.5R25	TL538S+	★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	118.4	94.0					TL
		★★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	118.4	94.0					
	TL559S+	★★	L-5	25.00/3.5			29.5	749	75.6	1921	31.8	807	126.0	100.0					

10KM/H (5MPH)

Size:23.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	10300/22700	10600/23400	11200/24700	11500/25400	12150*/26800*	12500/27600	12850/28300	13200/29100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	13600/30000	14000/30900	14500**/32000**					

Size:26.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	12850/28300	13200/29100	14000/30900	14500/32000	15000*/33100*	15500/34200	16000/35300	16500/36400
KPa/PSI	600/87	625/91	650/94					
KG/LBS	17000/37500	18000/39700	18500**/40800**					

Size:29.5R25								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	15500/34200	16000/35300	17000/37500	17500/38600	18000*/39700*	19000/41900	19500/43000	20000/44100
KPa/PSI	600/87	625/91	650/94					
KG/LBS	20600/45400	21200/46700	22400**/49400**					

UNDERGROUND EQUIPMENT

Bias



L-4S



L-5S

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
12.00-24	L-4S	20PR	L-4S	8.5	15.4	391	12.4	315	50.2	1275			42.2	33.5					TT
18.00-25	L-5S	40PR	L-5S	13.00/2.5	23.1	587	19.7	500	65.9	1675			98.9	78.5					TL
26.5-25	L-5S	36PR	L-5S	22.00/3.0			26.6	675	70.9	1800			109.6	87.0					TL

10KM/H (5MPH)

Size:12.00-24								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	5000/11000	5150/11400	5300/11700	5450/12000	5600/12300	5600/12300	5800/12800	5900/13000
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	
KG/LBS	5900/13000	6050/13300	6200/13600	6350/13900	6500/14300	6700/14800	6900(20)/15200(20)	

Size:18.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	11500/25400	11800/26000	12150/26800	12500/27600	12850/28300	13200/29100	13600/30000	13600(28)/30000(28)
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	14000/30900	14500/32000	14500/32000	15000(32)/33100(32)	15000/33100	15500/34100	15500/34100	16000/35200
KPa/PSI	875/126	900/130	925/133	950/137				
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)				

Size:26.5-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	11500/25400	12150/26800	12500/27600	13200 (20) /29100 (20)	13600/30000	14000/30900	14500/32000	15000/33100
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	
KG/LBS	15500 (28) /34200 (28)	16000/35300	16500/36400	17000/37500	17500/38600	18000/39700	18500 (36) /40800 (36)	

SCRAPER

Radial


TB516

TL568+

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3
29.5R29	TB516	★	L-3	25.00/3.5			29.5	749	77.8	1975	31.8	807	47.9	38.0				TL	
			E-3	25.00/3.5			29.5	749	77.8	1975	34.5	876	47.9	38.0					
		★★	L-3	25.00/3.5			29.5	749	77.8	1975	31.8	807	47.9	38.0					
			E-3	25.00/3.5			29.5	749	77.8	1975	34.5	876	47.9	38.0	180	230	290		
33.25R29	TL568+	★★	E-3	27.00/3.5			33.3	845	82.3	2090			55.4	44.0	310	390	490	TL	

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:29.5R29								
KPa/PSI	400/58	425/62	450/65	475/69	500/73	525/76	550/80	575/83
KG/LBS	16500/36400	17000/37500	18000/39700	18500/40800	19500*/43000*	20000/44100	20600/45400	21200/46700
KPa/PSI	600/87	625/91	650/94					
KG/LBS	22400/49400	23000/50700	23600**/52000**					

50KM/H (30MPH)

Size:29.5R29								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	9250/20400	9750/21500	10300/22700	10900/24000	11500*/25400*	12150/26800	12500/27600	13200/29100
KPa/PSI	475/69	500/73	525/76					
KG/LBS	13600/30000	14500/32000	15000**/33100**					

Size:33.25R29								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	11200/24700	12150/26800	12850/28300	13600/30000	14000*/30900*	15000/33100	15500/34200	16500/36400
KPa/PSI	475/69	500/73	525/76					
KG/LBS	17000/37500	17500/38600	18500**/40800**					

STRADDLE CARRIER Radial



TL558S

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								32nds
16.00R25	TL558S	★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						TL
		★★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						
		★★★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						
18.00R25	TL558S	★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0						TL
		★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0						
		★★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0	85	105	130			

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:16.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	8750/19300	9000*/19800*	9250/20400	9750/21500	10000/22000	10300/22700	10600/23400	10900/24000
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	11200/24700	11500/25400	11800/26000	12150/26800	12150**/26800**	12450/27400	12850/28300	13250***/29200***

Size:18.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	11200/24700	11800*/26000*	12150/26800	12500/27600	12850/28300/	13200/29100	13600/30000	14000/30900
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	14500/32000	15000/33100	15000/33100	15500/34200	16000**/35300**	16350/36000	16750/36900	17100***/37700***

50KM/H (30MPH)

Size:18.00R25								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100	8000/17600	8250/18200	8500/18700
KPa/PSI	650/94	675/98	700/102					
KG/LBS	8750/19300	9000/19800	9250**/20400**					

STRADDLE CARRIER

Bias



TL612



TL510

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
16.00-25	TL612	28PR	E-3	11.25/2.0	20.2	513	16.9	430	58.9	1495			37.8	30.0					TT/TL
18.00-25	TL510	40PR	E-4	13.00/2.5	23.1	587	19.7	500	65.9	1675			68.0	54.0					TL

10KM/H (5MPH)

Size:16.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	8750/19300	9000/19800	9500/20900	9750/21500	10000/20000	10000/20000	10300/22700	10300/23400
KPa/PSI	675/98	700/102	725/105	750/109				
KG/LBS	10900/24000	11200/24700	11200/24700	11500(28)/25400(28)				

Size:18.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	11500/25400	11800/26000	12150/26800	12500/27600	12850/28300	13200/29100	13600/30000	13600(28)/30000(28)
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	14000/30900	14500/32000	14500/32000	15000(32)/33100(32)	15000/33100	15500/34100	15500/34100	16000/35200
KPa/PSI	875/126	900/130	925/133	950/137				
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)				

50KM/H (30MPH)

Size:16.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	4375/9650	4625/10200	4875/10700	5000/11000	5300/11700	5450/12000	5600/12300	5800/12800
KPa/PSI	475/69	500/73	525/76	550/80	575/83			
KG/LBS	6000/13200	6300/13900	6500/14300	6500/14300	6700(28)/14800(28)			

Size:18.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5600/12300	6000/13200	6300/13900	6500/14300	6900/15200	7100/15700	7300/16100	7500/16500
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	7750/17100	8000(28)/17600(28)	8250/18200	8500/18700	8750(32)/19300(32)	9000/19800	9250/20400	9250/20400
KPa/PSI	675/98	700/102						
KG/LBS	9500/20900	9750(40)/21400(40)						

CONTAINER FORK LIFT Radial



TL558S

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								32nds
16.00R25	TL558S	★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						TL
		★★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						
		★★★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						
18.00R25	TL558S	★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0						TL
		★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0						
		★★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0	85	105	130			

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:16.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	8750/19300	9000*/19800*	9250/20400	9750/21500	10000/22000	10300/22700	10600/23400	10900/24000
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	11200/24700	11500/25400	11800/26000	12150/26800	12150**/26800**	12450/27400	12850/28300	13250***/29200***

Size:18.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	11200/24700	11800*/26000*	12150/26800	12500/27600	12850/28300/	13200/29100	13600/30000	14000/30900
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	14500/32000	15000/33100	15000/33100	15500/34200	16000**/35300**	16350/36000	16750/36900	17100***/37700***

50KM/H (30MPH)

Size:18.00R25								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100	8000/17600	8250/18200	8500/18700
KPa/PSI	650/94	675/98	700/102					
KG/LBS	8750/19300	9000/19800	9250**/20400**					

CONTAINER FORK LIFT

Bias



TL612



TL510

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
14.00-24	TL612	16,24PR	E-3	10.0	17.7	450	14.8	375	53.9	1370			37.8	30.0				TT	TL
18.00-25	TL510	40PR	E-4	13.00/2.5	23.1	587	19.7	500	65.9	1675			68.0	54.0				TL	

10KM/H (5MPH)

Size:14.00-24								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	6700/14800	6900/15200	7100/15700	7300(16)/16100(16)	7500/16500	7750/17100	8000/17600	8250/18200
KPa/PSI	875/126	900/130	925/133					
KG/LBS	9750/21400	9750/21400	10000(28)/22000(28)					

Size:18.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	11500/25400	11800/26000	12150/26800	12500/27600	12850/28300	13200/29100	13600/30000	13600(28)/30000(28)
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	14000/30900	14500/32000	14500/32000	15000(32)/33100(32)	15000/33100	15500/34100	15500/34100	16000/35200
KPa/PSI	875/126	900/130	925/133	950/137				
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)				

50KM/H (30MPH)

Size:14.00-24								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	3350/7400	3550/7850	3750/8250	3875/8550	4000/8800	4250/9350	4375/9650	4500/9900
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	4625/10200	4750/10500	4875/10700	5000/11000	5150(24)/11300(24)	5350/11800	5350/11800	5600(28)/12300(28)

Size:18.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5600/12300	6000/13200	6300/13900	6500/14300	6900/15200	7100/15700	7300/16100	7500/16500
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	7750/17100	8000(28)/17600(28)	8250/18200	8500/18700	8750(32)/19300(32)	9000/19800	9250/20400	9250/20400
KPa/PSI	675/98	700/102						
KG/LBS	9500/20900	9750(40)/21400(40)						

REACH STACKER

Radial



TL558S

Tire Size Designation	Pattern	Star Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type		
							Overall Width		Overall Diameter		Static Load Rad									
							in	mm	in	mm	in	mm								32nds
16.00R25	TL558S	★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						TL
		★★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						
		★★★	E-4	11.25/2.0	20.2	513	17.0	432	61.0	1548			64.3	51.0						
18.00R25	TL558S	★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0						TL
		★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0						
		★★★	E-4	13.00/2.5	23.1	587	19.6	498	65.9	1673			68.0	54.0	85	105	130			

Note: Several types of tread compounds.

Type T1: Low speed, highly resistant to cutting and abrasion.

Type T2: A compromise between resistance to abrasion and cutting.

Type T3: Engineered to cope with high speed travel on long hauls.

For which tread compound to use, the customer can contact the Radial OTR technical department of Triangle Group.

10KM/H (5MPH)

Size:16.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	8750/19300	9000*/19800*	9250/20400	9750/21500	10000/22000	10300/22700	10600/23400	10900/24000
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	11200/24700	11500/25400	11800/26000	12150/26800	12150**/26800**	12450/27400	12850/28300	13250***/29200***

Size:18.00R25								
KPa/PSI	525/76	550/80	575/83	600/87	625/91	650/94	675/98	700/102
KG/LBS	11200/24700	11800*/26000*	12150/26800	12500/27600	12850/28300/	13200/29100	13600/30000	14000/30900
KPa/PSI	725/105	750/109	775/112	800/116	825/120	850/123	875/127	900/131
KG/LBS	14500/32000	15000/33100	15000/33100	15500/34200	16000*/35300**	16350/36000	16750/36900	17100***/37700***

50KM/H (30MPH)

Size:18.00R25								
KPa/PSI	450/65	475/69	500/73	525/76	550/80	575/83	600/87	625/91
KG/LBS	6700/14800	7100*/15700*	7300/16100	7500/16500	7750/17100	8000/17600	8250/18200	8500/18700
KPa/PSI	650/94	675/98	700/102					
KG/LBS	8750/19300	9000/19800	9250**/20400**					

REACH STACKER

Bias



TL510

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
18.00-25	TL510	40PR	E-4	13.00/2.5	23.1	587	19.7	500	65.9	1675			68.0	54.0					TL

10KM/H (5MPH)

Size:18.00-25								
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	11500/25400	11800/26000	12150/26800	12500/27600	12850/28300	13200/29100	13600/30000	13600(28)/30000(28)
KPa/PSI	675/98	700/102	725/105	750/109	775/112	800/116	825/119	850/123
KG/LBS	14000/30900	14500/32000	14500/32000	15000(32)/33100(32)	15000/33100	15500/34100	15500/34100	16000/35200
KPa/PSI	875/126	900/130	925/133	950/137				
KG/LBS	16000/35200	16500/36300	17000/374000	17000(40)/374000(40)				

50KM/H (30MPH)

Size:18.00-25								
KPa/PSI	275/40	300/44	325/47	350/51	375/54	400/58	425/62	450/65
KG/LBS	5600/12300	6000/13200	6300/13900	6500/14300	6900/15200	7100/15700	7300/16100	7500/16500
KPa/PSI	475/69	500/73	525/76	550/80	575/83	600/87	625/91	650/93
KG/LBS	7750/17100	8000(28)/17600(28)	8250/18200	8500/18700	8750(32)/19300(32)	9000/19800	9250/20400	9250/20400
KPa/PSI	675/98	700/102						
KG/LBS	9500/20900	9750(40)/21400(40)						

COMPACTOR

Bias



TB812



TB822

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type	
							Overall Width		Overall Diameter		Static Load Rad								
					in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	T2	T3	TT	TL
23.1-26	TB812	10,12,14PR	R-3	DW20			23.1	587	62.2	1581			35.3	28.0				TL	
	TB822	12,14PR	E-7	DW20			23.4	595	59.1	1500			18.9	15.0				TT	

40KM/H (25MPH)

Size:23.1-26								
KPa/PSI	110/16	120/18	140/20	150/22	170/24	180/26	190/28	
KG/LBS	2575/5680	2725/6000	2900(10) /6400(10)	3075/6800	3250(12) /7150(12)	3450/7600	3550(14) /7850(14)	

SAND VEHICLE

Bias



TR138



TR139



TR128



TB812

Tire Size Designation	Pattern	Ply Rating	Ind Code	Rim Width & Flange	Min. Dual Spacing		Approximate Inflated Dimensions				Loaded Dimensions		Tread Depth		Performance Capability (TKPH)			Type
							Overall Width		Overall Diameter		Static Load Rad							
							in	mm	in	mm	in	mm	in	mm	32nds	mm	T1	
1300X530-533	TR138	12PR	E-7	17.5/2.0			22.1	560	51.2	1300			20.2	16.0				TT
21.00-25	TR139	16PR	E-7	15.00/3.0			22.4	570	66.3	1685			17.6	14.0				TL
24-21	TB812	14PR	E-7	18.0/1.5			24.0	610	53.9	1370			22.7	18.0				TT
27.25-21	TR139	16PR	E-7	19.50/1.5			27.0	685	59.4	1510			20.2	16.0				TL
66×44.00-25	TR128	6,16,20PR	E-7	36.0TH			44.0	1118	67.0	1702			12.6	10.0				TL

50KM/H (30MPH)

Size:21.00-25								
KPa/PSI	100/15	140/20	170/25	210/30	240/35	70/10		
KG/LBS	4530/9990	4890/10780	5560/12260	6190/13640	6770(16)/14920(16)	3250/7170		

Size:24-21								
KPa/PSI	100/15	140/20	70/10					
KG/LBS	3300/7270	3900(14)/8600(14)	2600/5730					

Size:27.25-21								
KPa/PSI	100/15	140/20	170/25	70/10				
KG/LBS	4285/9450	5070/11180	5780(16)/12740(16)	3380/7460				

Size:66 x 44.00-25								
KPa/PSI	70/10	100/15	140/20	170/25	210/30	240/35	275/40	300/44
KG/LBS	3450(6)/7600(6)	3830/8440	4210/9230	4600/10100	4980/11000	5380/11800	6150(16)/13600(16)	6440/14200
KPa/PSI	325/47	345/50						
KG/LBS	6730/14800	7020(20)/15500(20)						

Size:1300X530-533								
KPa/PSI	400/58							
KG/LBS	5600/12320							

 **TRIANGLE**[®]



Green Tire
Eco-friendliness
Low Energy Consumption

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