POWERTRAC

Enjoy powerful traction

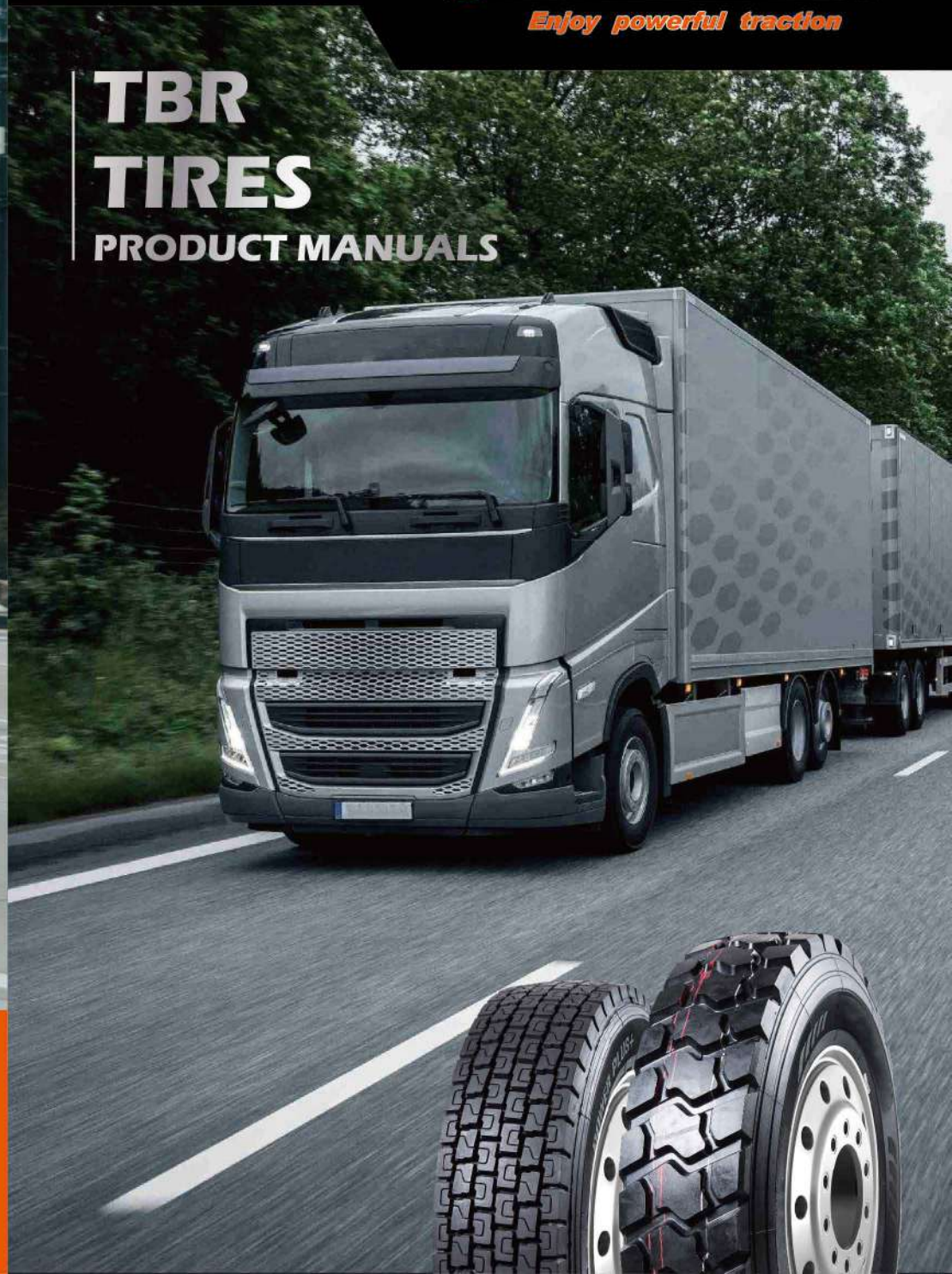


TBR TIRES PRODUCT MANUALS

POWERTRAC

Enjoy powerful traction

TBR TIRES
PRODUCT MANUALS



Pattern Selection Guide

STEER PATTERN

03 — 07



POWER STEERER | POWER CONTACT | SUPREME 109 | SUPREME 119 | SUPREME 139

ALL POSITION PATTERN

08 — 11



TRAC PRO | CONTACT EXPERT | SUPREME 919 | CONTACT STAR

DRIVE PATTERN

12 — 20



STRONG TRAC | TRACTION PRO | HEAVY EXPERT | TITAN 989 | POWER PRO | DIAMOND 819 | DIAMOND 829 | POWER PLUS+ | TRACTION STAR

MINING PATTERN

21 — 25



POWER MINING | POWER CLAW | MINING EXPERT | MINING PRO | POWER PERFORM

TRAILER PATTERN

26 — 28



CONFORT EXPERT | CROSS STAR | CROSS TRAC



POWER STEERER

High density, flexomatic blading, for outstanding braking on wet surfaces combined with high mileage.

Premium five-rib tread with various mico sipes to provide highmileage, even wear,low noise.

More mileage and greater lateral stability.



Position : All Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11R22.5	8.25	14	144/142M	2800	2650	720	104	279	1052
11R22.5	8.25	16	146/143M	3000	2725	830	120	279	1054
11R24.5	8.25	14	146/143M	3000	2725	720	104	279	1104
11R24.5	8.25	16	149/146M	3250	3000	830	120	279	1104
295/75R22.5	9.00	14	144/141M	2800	2575	760	110	298	1016
295/75R22.5	9.00	16	146/143M	3000	2725	830	120	298	1014

POWER CONTACT

High density, flexomatic blading, for outstanding braking on wet surfaces combined with high mileage.

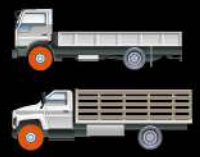
Groove bottom protectors help deliver additional defense against stone drilling.

More mileage and greater lateral stability.



Position : All Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
215/75R17.5	6.00	16	127/124M	1750	1600	830	120	211	779
215/75R17.5	6.00	18	135/133J	2180	2060	850	123	211	779
235/75R17.5	6.75	18	143/141J	2725	2575	875	127	233	811
275/70R22.5	8.25	16	148/145M	3150	2900	900	131	276	958
295/80R22.5	9.00	18	152/149M	3550	3250	900	131	298	1044
315/70R22.5	9.00	20	154/150M	3750	3350	900	131	312	1014
315/80R22.5	9.00	20	156/150M	4000	3350	850	123	312	1076
385/55R22.5	12.25	20	160L	4500	4500	900	131	386	996
385/65R22.5	11.75	20	160L	4500	4500	900	131	389	1072

SUPREME 109

High density, fiexomatic blading, for outstanding braking on wet surfaces combined with high mileage.

Groove bottom protectors help deliver additional defense against stone drilling.

More mileage and greater lateral stability.



Position : All Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
9.5R17.5	6.75	18	143/141J	2725	2575	875	-	232	836

SUPREME 119

New designed pattern, suitable for well paved road condition with high speed level and excellent durability.

Tread rubber compound for fine drainage and grip performance which improved outstandingly.

Heavy loading capacity, low heat build-up, high speed and low noise.



Position: Steer Wheel Position Trailer Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
315/70R22.5	9.0	20	154/150M	3750	3350	900	-	312	1004
315/80R22.5	9.0	20	157/154M	4125	3750	900	-	310	1074

SUPREME 139

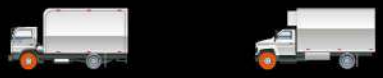
Outstanding self-cleaning tread design promote adaptability in long haul road conditions.

High density ,flexomatic blading,for outstanding braking on wet surfaces combined with high mileage.

More mileage and greater lateral stability.



Position : All Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
9.5R17.5	9.0	18	143/141J	1850	1750	750	-	236	840

TRAC PRO

Latest technology carcass geometry and materials for enhanced damage resistance, durability and loading capacity.

Premium Zigzag design promotes soft soil mobility.

Offset block shoulder design with SILICA compound promotes good traction and abrasion resistance.



Position : All Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
7.00R16	5.50F	14	118/114L	1320	1180	770	112	202	768
7.50R16	6.00G	14	122/118L	1500	1320	770	112	215	805
8.25R16	6.50H	16	128/124K	1800	1600	770	112	235	855
9.00R20	7.00	16	144/141K	2800	2650	900	131	259	1019
10.00R20	7.50	18	149/146K	3250	3000	930	135	278	1054
11.00R20	8.00	18	152/149K	3550	3250	930	135	293	1085
12.00R20	8.50	20	156/153K	4000	3650	900	131	315	1120
12.00R24	8.50	20	160/157K	4500	4125	900	131	315	1226
11R22.5	8.25	16	146/143M	3000	2725	830	120	279	1054
12R22.5	9.00	18	152/149M	3550	3250	930	135	300	1085
13R22.5	9.75	20	156/150L	4000	3350	875	127	320	1116
295/80R22.5	9.00	18	152/149M	3550	3250	900	131	298	1044
315/80R22.5	9.00	20	156/150M	4000	3350	850	123	312	1076

CONTACT EXPERT

Optimized carcass construction for better durability.

High-intensity casing carcass materials for reinforcing bead and loading capacity.

Offset block shoulder design with SILICA compound promotes good traction and abrasion resistance.



Position : All Position

Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11.00R20	8.0	18	152/149K	3550	3250	930	-	293	1082
12.00R20	8.5	20	156/153K	4000	3650	900	-	315	1125
12.00R24	8.5	20	160/157K	4500	4125	900	-	315	1220

SUPREME 919

Longer wear life& service life.

Improved irregular wear resistance.

Improved cut/chipping resistance.



Position : Trailer Position

Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
12.00R24	8.50	20	160/157K	4500	4125	900	131	315	1226

CONTACT STAR

Special designed tread with SILICA compound features longer tire life with low rolling resistance.

Low heat build-up, even load distribution for longer mileage and reduced tire wear.

Optimized bead area construction for better durability.



Position : All Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
12.00R24	8.50	20	160/157K	4500	4125	900	131	315	1226

STRONG TRAC

Application :Drive Wheel for medium mileage loading series

Close Shoulder designs, the block pattern offer excellent drive force and good braking performance on paved road condition.

Excellent load capacity, Longer mileage, Super Durability



Position : Drive Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
12R22.5	9.00	18	152/149K	3550	3250	930	135	300	1085
295/80R22.5	9.00	18	152/149L	3550	3250	900	131	298	1050
315/80R22.5	9.00	20	156/150K	4000	3350	850	123	312	1082

TRACTION PRO

Application :Drive Wheel for medium mileage loading series

Close Shoulder designs, the block pattern offer excellent drive force and good braking performance on paved road condition.

Excellent load capacity ,Longer mileage , Super Durability



Position : Drive Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
315/80R22.5	9.0	20	156/150K	4000	3350	850	123	312	1082

HEAVY EXPERT

Wide tread and open shoulder blocks help enchance traction and braking on rough roads with mud or gravel.

Wide and depth pattern design with low heat generating formula provides good turning stability.

Outstanding self cleaning tread design ensures long life service in ON/OFF road conditions.



Position : Drive Position







Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
9.00R20	7.0	16	144/141J	2800	2650	900	131	259	1019
10.00R20	7.5	18	149/146J	3250	3000	930	135	278	1054
11.00R20	8.0	18	152/149J	3550	3250	930	135	293	1096
12.00R20	8.5	20	156/153J	4000	3650	900	131	315	1125

TITAN 989

Reinforced bead and body to strengthen the puncture resistance tear resistance.

Suitable for mixed road conditions and relatively poor road condition.

Open groove and bottom design given excellent self-cleaning performance.



Position: Trailer Position

Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
385/55R22.5	12.25	20	160L	4500	4500	900	-	383	999
445/65R22.5	-	20	169K	5800	5800	830	-	454	1149

POWER PRO

Extra deep tread with stone dilling protectors to promote long original mileage.

Optimised bead area construction for better durability.

Closed-shoulder tread design provides even wear while maintaining excellent traction.



Position : Drive Position

Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11R22.5	8.25	14	144/142K	2800	2650	720	-	268	1054
11R22.5	8.50	16	146/143K	3000	2725	830	120	279	1065
11R24.5	8.25	14	146/143K	3000	2725	720	-	279	1104
11R24.5	8.25	16	149/146K	3250	3000	830	120	279	1116
295/75R22.5	9.00	14	144/141K	2800	2575	760	-	290	1022
295/75R22.5	9.00	16	146/143K	3000	2725	830	120	298	1020

DIAMOND 819

Bridged center block design helps improve tread stability.

Special tread compound and tire casing offers good tire mileage for price sensitive customers.

Wide tread design guarantees good traction for highway service

In all season conditions.



Position : Drive Position



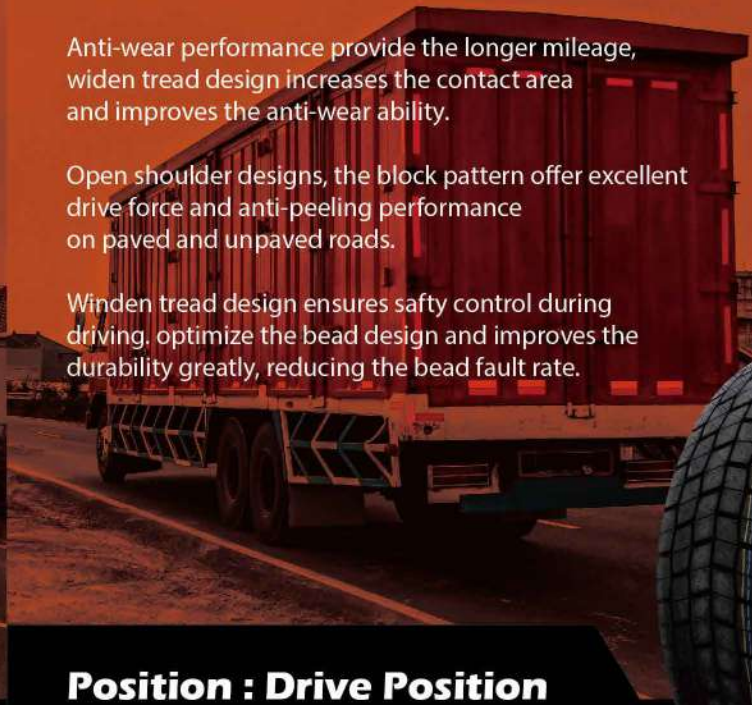
Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
9.5R17.5	6.75	18	143/141J	2725	2575	875	127	232	843

DIAMOND 829

Anti-wear performance provide the longer mileage, widen tread design increases the contact area and improves the anti-wear ability.

Open shoulder designs, the block pattern offer excellent drive force and anti-peeling performance on paved and unpaved roads.

Winden tread design ensures safty control during driving. optimize the bead design and improves the durability greatly, reducing the bead fault rate.





Position : Drive Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
315/70R22.5	9.0	20	154/150M	3750	3350	900	-	312	1020
315/80R22.5	9.0	20	157/154M	4125	3750	900	-	310	1083

POWER PLUS+

Wider tread,ensure driving safety.

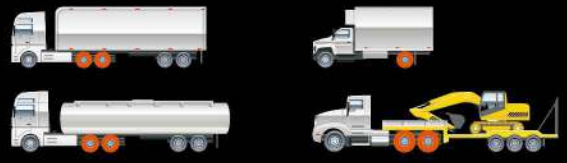
Better structure,ensure the safety and longer mileage.

Special design,ensure heat radiation and durability.

Superior irregular wear resistance.



Position : Drive Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11R22.5	8.50	16	146/143M	3000	2725	830	120	279	1065
12R22.5	9.00	18	152/149M	3550	3250	930	135	300	1096
215/75R17.5	6.00	16	127/124M	1750	1600	830	120	211	785
215/75R17.5	6.00	18	135/133J	2180	2060	850	123	211	785
235/75R17.5	6.75	18	143/141J	2725	2575	875	127	233	817
275/70R22.5	8.25	16	148/145M	3150	2900	900	131	276	964
295/80R22.5	9.00	18	152/149L	3550	3250	900	131	298	1054
315/70R22.5	9.00	20	154/150L	3750	3350	900	131	312	1020
315/80R22.5	9.00	20	156/150K	4000	3350	850	123	312	1082

TRACTION STAR

Special designed tread with SILICA compound features longer tire life with low rolling resistance.

Low heat build-up, even load distribution for longer mileage and reduced tire wear.

Optimized bead area construction for better durability.



Position : All Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
12.00R24	8.5	20	160/157K	4500	4125	900	131	315	1226

POWER MINING

Non-directional deep tread pattern for muddy and soft surfaces.

The features are extra-long life, superior cut resistance and excellent traction.

Applicable to earthmoving vehicles, such as rear and bottom dump trucks.



Position : Drive Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11.00R20	8.00	18	152/149G	3550	3250	930	135	293	1096
12.00R20	8.50	20	156/153G	4000	3650	900	131	315	1125
11R22.5	8.50	16	146/143G	3000	2725	830	120	279	1065
12R22.5	9.00	18	152/149G	3550	3250	930	135	300	1096
13R22.5	9.75	20	156/150G	4000	3350	875	127	320	1124

POWER CLAW

This pattern is typical pattern for cross country and mines purpose, applicable for roads of mines, construction sites and unpaved roads.

The strong middle blocks connected with ribs give this tire a good toughness.



Position : Drive Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
12.00R20	8.50	20	156/153G	4000	3650	900	131	315	1125
295/80R22.5	9.00	18	152/149G	3550	3250	900	131	298	1054

MINING EXPERT

Application: Drive wheel for short distance on mining and construction areas.

Suitable for low speed ride on bad road condition, specially for mining area, with powerful grip and high loading ability.

This pattern has a good performance on long mileage, rear resistance and puncture resistance.



Position : Drive Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11.00R20	8.0	18	152/149G	3550	3250	930	135	293	1096
12.00R20	8.5	20	156/153G	4000	3650	900	131	315	1136

MINING PRO

Drive axle tire applicable for mud and sand terrain with short on high-way use.

Wide tread and open shoulder blocks help enhance traction and braking on rough roads with mud or gravel.

Special tread compounds resist chipping, chunking and tearing.



Position : Drive Position





Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
315/80R22.5	9.0	20	156/150K	4000	3350	850	123	312	1082

POWER PERFORM

Maximized traction in soft soil and mud through massive, open lateral shoulder grooves.

Aggressive direction tread with robust tread blocks providing extra traction for on&off road condition.

Special rubber compound ensuring more resistance to cuts and tearing.



Position : Drive Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11R22.5	8.50	16	146/143K	3000	2725	830	120	279	1065
12.00R20	8.50	20	156/153K	4000	3650	900	131	315	1125
13R22.5	9.75	20	156/150K	4000	3350	875	127	320	1124
295/80R22.5	9.00	18	152/149K	3550	3250	900	131	298	1054
315/80R22.5	9.00	20	156/150K	4000	3350	850	123	312	1082

CONFORT EXPERT

Premium five -rib tread with various micosipes to provide high mileage, even wear,low noise

Wide,flat tread optimizes footprint shape for improved handling and response in long haul service

Latest technology carcass geometry and materials for enhanced damage resistance durability



Position : All Position



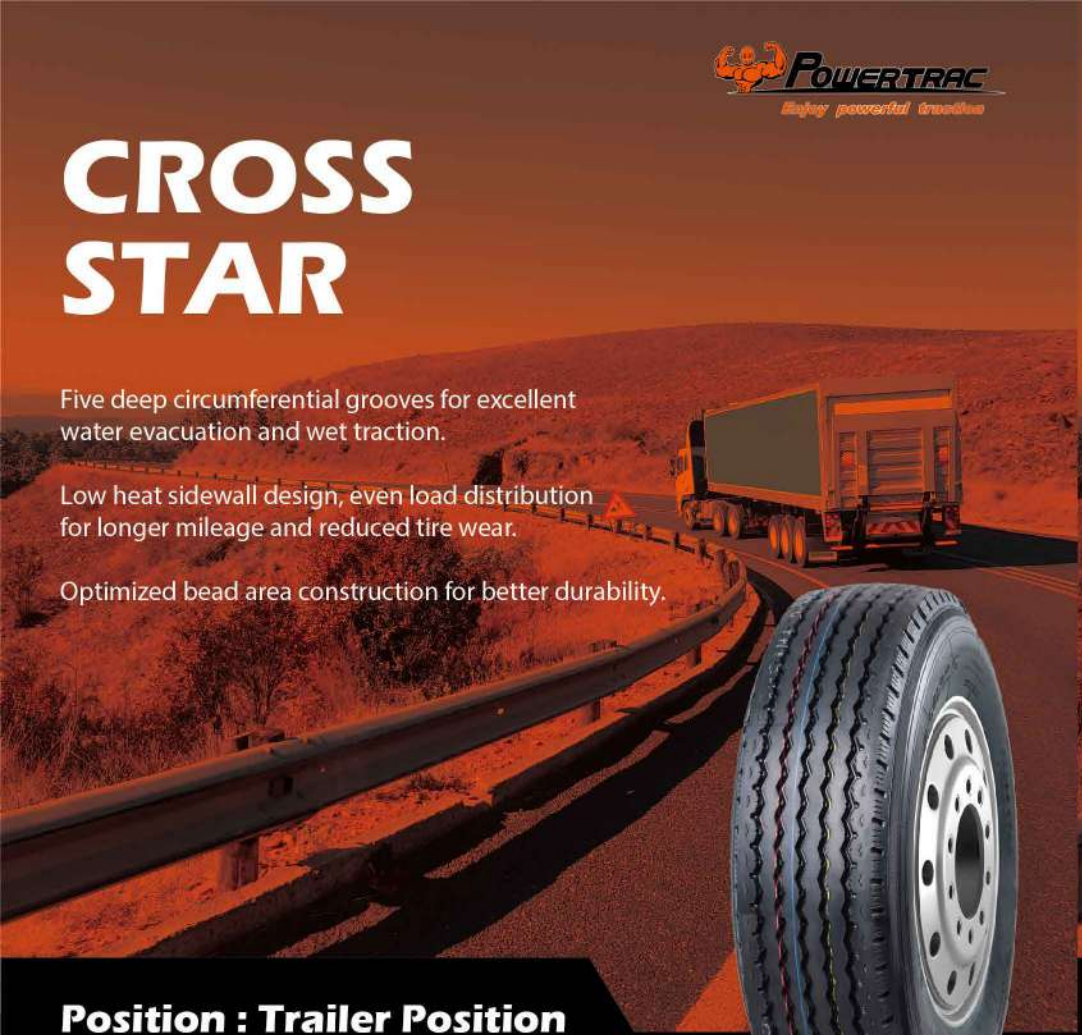
Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
11R22.5	8.50	16	146/143M	3000	2725	830	120	279	1054
12R22.5	9.00	18	152/149M	3550	3250	930	135	300	1085
295/80R22.5	9.00	18	152/149M	3550	3250	900	131	298	1044
315/80R22.5	9.00	20	156/150M	4000	3350	850	123	312	1076

CROSS STAR

Five deep circumferential grooves for excellent water evacuation and wet traction.

Low heat sidewall design, even load distribution for longer mileage and reduced tire wear.

Optimized bead area construction for better durability.



Position : Trailer Position



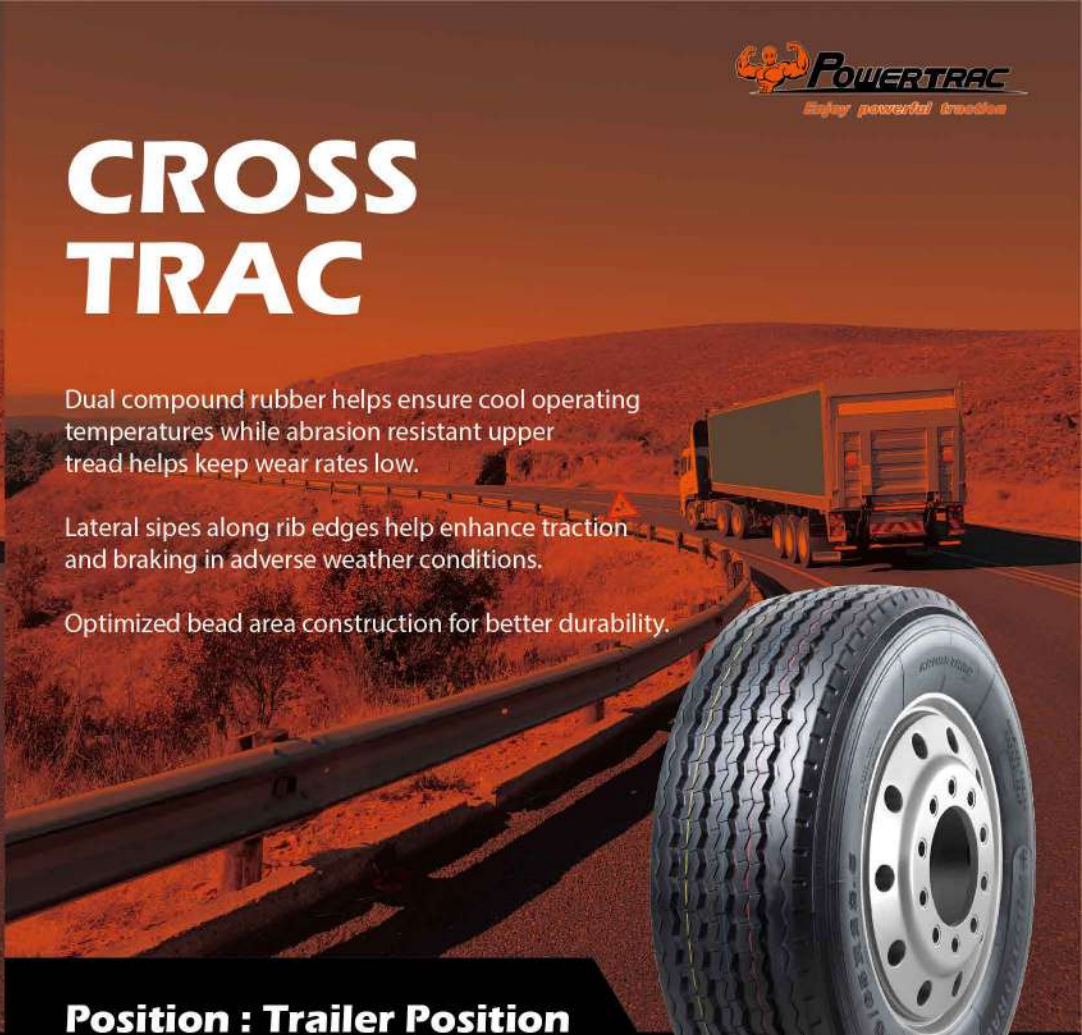
Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
385/65R22.5	11.75	20	160L	4500	4500	900	131	389	1072

CROSS TRAC

Dual compound rubber helps ensure cool operating temperatures while abrasion resistant upper tread helps keep wear rates low.

Lateral sipes along rib edges help enhance traction and braking in adverse weather conditions.

Optimized bead area construction for better durability.



Position : Trailer Position



Size	RIM	P.R.	L.I/S.R.	Max load(kg)		A.P.		S.W.	O.D.
	inch			Single	Dual	KPA	PSI	mm	mm
275/70R22.5	8.25	16	148/145M	3150	2900	900	131	276	958
385/55R22.5	12.25	20	160L	4500	4500	900	-	383	996
385/65R22.5	11.75	20	160L	4500	4500	900	131	389	1072
445/65R22.5	--	20	169K	5800	5800	830	-	454	1144

WWW.POWERTRACTYRE.COM

