



GROWING TOGETHER

UNDERGROUND MINING



OTR TIRES





UNDERGROUND

O T R T I R E S

Underground mining involves numerous daily difficulties. Beneath the surface, indeed, every risk is a constant threat: tough terrains, extreme working conditions, scaffolds and pits are issues to be dealt with everyday.

Not only is this a challenge for operators in such difficult situations, but also for the tires which must withstand tough performance and maximum stress conditions. Rocky debris, sharp-edged walls, high loads and temperature – these are extremely critical conditions, in which BKT tires are definitely the best ally!

Discover the full BKT product range with tires that are perfect for underground mining operations.



Radial

Radial tires have steel cords that are arranged running radially from bead to bead around the tire. Sidewall and tread have independent functional features providing more flexibility, great performance, durability, and fuel economy.



Bias

Bias tires have cord plies that are arranged running diagonally from bead to bead across the tire. Layers overlap forming a crisscross pattern. This design features extraordinary sidewall resistance and puncture resistance.

GROUND MINING



TECHNOLOGIES AND PERFORMANCE

All Steel

A white square containing a tire icon with a small bolt and nut symbol on the tread, representing an all-steel tire.

Block Pattern

A white square containing a tire icon with a block tread pattern, representing a block pattern tire.

Comfort

A white square containing a tire icon with a wavy tread pattern and a small bell icon, representing a comfort tire.

Cut and Chip Resistance

A white square containing a tire icon with a wavy tread pattern and a small chip icon, representing a tire with cut and chip resistance.

Cut Resistance

A white square containing a tire icon with a wavy tread pattern and a small chip icon, representing a tire with cut resistance.

Deep Tread

A white square containing a tire icon with a deep tread pattern and a small chip icon, representing a tire with deep tread.

Durability

A white square containing a tire icon with a wavy tread pattern and a small infinity symbol, representing a durable tire.

Extra Deep Tread

A white square containing a tire icon with a deep tread pattern and a small chip icon, representing a tire with extra deep tread.

Handling and Comfort

A white square containing a tire icon with a wavy tread pattern and a small bell icon, representing a tire for handling and comfort.

Hard Rocky Surface

A white square containing a tire icon with a wavy tread pattern and a small rock icon, representing a tire for hard rocky surfaces.

Heat Resistance

A white square containing a tire icon with a wavy tread pattern and a small thermometer icon, representing a tire with heat resistance.

Heavy Duty

A white square containing a tire icon with a wavy tread pattern and a small trophy icon, representing a heavy-duty tire.

High Puncture Resistance

A white square containing a tire icon with a wavy tread pattern and a small chip icon, representing a tire with high puncture resistance.

Reinforced Carcass

A white square containing a tire icon with a wavy tread pattern and a small bolt icon, representing a tire with a reinforced carcass.

Smooth Tire

A white square containing a tire icon with a smooth tread pattern, representing a smooth tire.

Special Antistatic Compound

A white square containing a tire icon with a wavy tread pattern and a small lightning bolt icon, representing a tire with a special antistatic compound.

Stability

A white square containing a tire icon with a wavy tread pattern and a small circle icon, representing a tire for stability.

Steel Belted

A white square containing a tire icon with a wavy tread pattern and a small bolt icon, representing a steel-belted tire.

Traction

A white square containing a tire icon with a wavy tread pattern and a curved arrow icon, representing a tire for traction.

UNDERGROUND MINING TIRES



EARTHMAX SR 41



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EARTHMAX SR 43



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EARTHMAX SR 49



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EARTHMAX SR 49 M



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EARTHMAX SR 53



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EARTHMAX SR 55



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SM 53



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SM 55 L-5S



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Radial



EARTHMAX SR 41

RADIAL OTR TIRES

EARTHMAX SR 41 is an All Steel radial tire perfect for Articulated Dump Trucks, Loaders and Dozers. Thanks to its all steel structure and special block pattern, EARTHMAX SR 41 provides excellent resistance against punctures and an extended service life. In addition to long working hours without downtime, the tire ensures extraordinary comfort. EARTHMAX SR 41 is also available in SH-4**** for Low Profile Dump Trucks (LPDT) used in underground haulage operations.

Technologies



All Steel



Block Pattern

Performance



Durability



Traction



Cut Resistance



Comfort

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 25"	26.5 R 25	TL	SH-4	****	-	CRC	-	678	1742	775	5150	59	22.00/3.0	-
	29.5 R 25	TL	SH-4	****	-	CRC	-	761	1861	830	5510	66	25.00/3.5	-
	29.5 R 25	TL	L-4	***	221 A2	CRC	-	761	1861	830	5510	66	25.00/3.5	-
Ø 33"	35/65 R 33	TL	SH-4	****	-	CRC	-	896	2063	926	6283	62	28.00/3.5	-

CRC: Cut Resistance Compound

In case of underground mine application, consult your servicing dealer or BKT representative





EARTHMAX SR 43

RADIAL OTR TIRES

EARTHMAX SR 43 is an All Steel radial tire specially designed for wheel loaders operating in severe rocky conditions, primarily underground mining. The tire delivers excellent performance in load and carry operations in open pit mines, quarries and scrap yards. Its unique tread design offers superior traction and stability. Thanks to its All Steel casing, EARTHMAX SR 43 provides excellent durability, resistance to snags and punctures as well as a long service life.

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 25"	29.5 R 25	TL	L-4	***	221 A2	CRC	-	785	1875	847	5644	61	25.00/3.5	-
Ø 29"	29.5 R 29	TL	L-4	***	223 A2	CRC	-	768	2003	905	6029	62	25.00/3.5	24.00/3.5 ; 26.00/3.5
	875/65 R 29 (35/65 R 29)	TL	L-4	***	228 A2	CRC	-	852	1877	844	5702	61	27.00/3.5	27.00/3.0 ; 28.00/3.5
Ø 33"	35/65 R 33	TL	L-4	***	229 A2	CRC	-	900	2076	957	6412	61	28.00/3.5	-
	35/65 R 33	TL	SH-4	****	-	CRC	-	900	2076	957	6412	61	28.00/3.5	-
	35/65 R 33	TL	E-4/L-4	****/ ***	-	CRC	-	900	2076	957	6412	61	28.00/3.5	-

CRC: Cut Resistant Compound

In case of underground mine application, consult your servicing dealer or BKT representative



Radial



Technologies



All Steel

Performance



Traction



Hard Rocky Surface



Durability



Stability



Radial



EARTHMAX SR 49

RADIAL OTR TIRES

EARTHMAX SR 49 is an All Steel radial tire that has been engineered for loaders and dozers, low profile dump trucks (LPDT) and load haul dumps (LHD). EARTHMAX SR 49 provides optimum performance in severe mining operations requiring exceptional traction and stability. The tire has a directional pattern and is made of a special cut-resistant compound providing excellent durability.

Technologies



All Steel

Performance



Durability



Traction



Cut Resistance



Stability

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 33"	35/65 R 33	TL	L-4	**	224 A2	CRC	-	899	2061	890	6125	59	28.00/3.5	-
	35/65 R 33	TL	E-4/L-4	****/ ***	-	CRC	-	899	2061	890	6125	59	28.00/3.5	-
	35/65 R 33	TL	SH-4	****	-	CRC	-	899	2061	890	6125	59	28.00/3.5	-

CRC: Cut Resistance Compound





EARTHMAX SR 49 M

RADIAL OTR TIRES

EARTHMAX SR 49 M is an All Steel radial tire with a special non-directional pattern designed for load haul dumps (LHD), low profile dump trucks (LPDT), loaders and dozers operating in severe rocky conditions primarily in underground mining. EARTHMAX SR 49 M is ideal for severe operations requiring exceptional traction and stability. The L-4 deep tread and the specially formulated UMS (underground mine service) compound provide a longer tread wear in addition to excellent resistance to rock cuts, and punctures.

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 25"	26.5 R 25	TL	E-4/L-4	****/ ***	-	CRC	-	708	1782	801	5297	56	22.00/3.0	-
	26.5 R 25	TL	SH-4	****	-	CRC	-	708	1782	801	5297	56	22.00/3.0	-
	29.5 R 25	TL	E-4/L-4	****/ ***	-	CRC	-	780	1905	844	5600	57	25.00/3.5	-
	29.5 R 25	TL	SH-4	****	-	CRC	-	780	1905	844	5600	57	25.00/3.5	-
Ø 29"	29.5 R 29	TL	L-4	***	223 A2	CRC	-	786	2006	906	6320	60	25.00/3.5	24.00/3.5 ; 26.00/3.5
	29.5 R 29	TL	SH-4	****	-	CRC	-	786	2006	906	6320	60	25.00/3.5	24.00/3.5 ; 26.00/3.5

CRC: Cut Resistance Compound



Radial



Technologies



All Steel

Performance



Durability



Traction



Cut Resistance



Stability



Radial

L-5

A2

274



EARTHMAX SR 53

RADIAL OTR TIRES

EARTHMAX SR 53 is an All Steel radial tire specially designed for loaders, dozers and low profile dump trucks (LPDT) operating in severe rocky conditions, including underground operations and scrap yards. The deep L-5 tread and the cut-resistant compound provide an extended wear life in addition to excellent traction and stability.

Technologies



Extra Deep Tread

Performance



Cut Resistance



Durability



Hard Rocky Surface



Stability



Traction

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 25"	17.5 R 25	TL	L-5	***	188 A2	CRC	-	435	1400	637	4214	65	14.00/1.5	-
	17.5 R 25	TL	L-5	**	-	CRC (UMS)	-	435	1400	637	4214	65	14.00/1.5	-
	23.5 R 25	TL	L-5	**	-	CRC (UMS)	-	604	1666	758	5015	84	19.50/2.5	-
	26.5 R 25	TL	L-5	***	214 A2	CRC	-	680	1788	800	5376	95	22.00/3.0	-
	26.5 R 25	TL	L-5	**	-	CRC (UMS)	-	680	1788	800	5376	95	22.00/3.0	-
	29.5 R 25	TL	L-5	**	-	CRC (UMS)	-	770	1912	859	5755	103	25.00/3.5	-
Ø 29"	29.5 R 29	TL	L-5	***	223 A2	CRC	-	755	2015	905	6059	102	25.00/3.5	24.00/3.5
	29.5 R 29	TL	L-5	**	-	CRC (UMS)	-	755	2015	905	6059	102	25.00/3.5	24.00/3.5
Ø 33"	35/65 R 33	TL	L-5	***	229 A2	CRC	-	910	2063	915	6215	92	28.00/3.5	-
	35/65 R 33	TL	L-5	**	-	CRC (UMS)	-	910	2063	915	6215	92	28.00/3.5	-

CRC: Cut Resistance Compound - CRC UMS: Cut Resistance Compound (UMS)

In case of underground mine application, consult your servicing dealer or BKT representative



EARTHMAX SR 55

RADIAL OTR TIRES

EARTHMAX SR 55 is an All Steel radial tire specially designed for loaders, dozers and load haul dumps operating in the most severe underground mining operations, and at scrapyards. Thanks to excellent cut protection resulting from the extra-deep and smooth tread design, EARTHMAX SR 55 is able to achieve peak productivity with reduced downtime along with excellent durability. Equipment operators will also appreciate extraordinary stability.

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 24"	12.00 R 24	TT	L-5S	**	175 A2	CRC	-	305	1274	572	3787	58	8.50/1.3	8.0; 9.0
	12.00 R 24	TL	L-5S	**	175 A2	CRC	-	305	1274	572	3787	58	8.50/1.3	8.0; 9.0
Ø 25"	17.5 R 25	TL	L-5S	**	182 A2	CRC	-	453	1399	630	4211	68	14.00/1.5	-
	17.5 R 25	TL	L-5S	***	188 A2	CRC	-	453	1399	630	4211	68	14.00/1.5	-
	18.00 R 25	TL	L-5S	**	204 A2	CRC	-	513	1667	733	4852	86	13.00/2.5	-
	18.00 R 25	TL	L-5S	***	206 A2	CRC	-	513	1667	733	4852	86	13.00/2.5	-
	20.5 R 25	TL	L-5S	**	193 A2	CRC	-	535	1543	700	4644	74	17.00/2.0	-
	26.5 R 25	TL	L-5S	**	209 A2	CRC	-	690	1786	810	5375	95	22.00/3.0	-
	26.5 R 25	TL	L-5S	***	214 A2	CRC	-	690	1786	810	5375	95	22.00/3.0	-
	29.5 R 25	TL	L-5S	**	216 A2	CRC	-	777	1912	860	5755	104	25.00/3.5	-
Ø 29"	29.5 R 29	TL	L-5S	**	218 A2	CRC	-	775	2009	911	6047	104	25.00/3.5	24.00/3.5; 26.00/3.5
	29.5 R 29	TL	L-5S	***	223 A2	CRC	-	775	2009	911	6047	104	25.00/3.5	24.00/3.5; 26.00/3.5
Ø 33"	35/65 R 33	TL	L-5S	**	224 A2	CRC	-	900	2065	915	6175	99	28.00/3.5	-

CRC: Cut Resistant Compound



Radial



Technologies



Smooth Tire



Extra Deep Tread

Performance



Stability



Durability



Cut Resistance





Radial

L-5S



A2



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Technologies



Smooth Tire



Extra Deep Tread

Performance



Stability



Durability



Cut Resistance



EARTHMAX SR 55

RADIAL OTR TIRES

EARTHMAX SR 55 is an All Steel radial tire specially designed for loaders, dozers and load haul dumps operating in the most severe underground mining operations, and at scrapyards. Thanks to excellent cut protection resulting from the extra-deep and smooth tread design, EARTHMAX SR 55 is able to achieve peak productivity with reduced downtime along with excellent durability. Equipment operators will also appreciate extraordinary stability.

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 33"	35/65 R 33	TL	L-5S	***	229 A2	CRC	-	900	2065	915	6175	99	28.00/3.5	-

CRC: Cut Resistant Compound





Radial

L-3S

A2

229



EARTHMAX SR 315 CS

RADIAL OTR TIRES

EARTHMAX SR 315 CS L-3S is an All Steel radial tire specially designed for loaders' front axles with chains in mining operations. The special tread contour with a Chamfered Shoulder (CS), allows tire chains to be better fitted along the tread surface including the shoulder area. Its Overall Diameter after chain application matches the one of BKT EARTHMAX SR 55 L-5S fitted on the rear axle, for a close match of front and rear tires. EARTHMAX SR 315 CS is designed to eliminate the risk of front tire damage during digging operations with LHDs (Underground Load Haul Dump) and loaders.

Technologies



All Steel

Performance



Cut Resistance

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 29"	29.5 R 29	TL	L-3S	**	218 A2	CRC	-	779	1891	842	5714	47	25.00/3.5	24.00/3.5
Ø 33"	35/65 R 33	TL	L-3S	**	224 A2	CRC	-	880	1948	867	5886	42	28.00/3.5	-
	35/65 R 33	TL	L-3S	***	229 A2	CRC	-	880	1948	867	5886	42	28.00/3.5	-


CRC: Cut Resistant Compound
(*) To be used with tire protection chain





LIFTMAX LM 81

LIFTMAX LM 81 has been specifically designed and engineered for heavy forklift and terminal tractors. Its aggressive and robust tread pattern together with the unique Antistatic tread compound ensure excellent wear properties and a long service life. The strong All Steel casing and the reinforced sidewall provide maximum stability and handling during lift mode, together with a superior traction. In addition, its radial casing absorbs surfaces irregularities to provide a better riding comfort and increase operator confidence. LIFTMAX LM 81 is Antistatic compliant, and all its sizes are capable of dissipating static charge from the vehicle.

	Tire size	Type	LI/SS	Version	O.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
									Rec.	Alt.
										
Ø 15"	8.25 R 15	TL	153 A5	STD	234	836	-	-	6.50	7.00
Ø 20"	10.00 R 20	TL	166 A5	STD	275	1066	-	-	7.50	8.00
	12.00 R 20	TL	176 A5	STD	314	1134	-	-	8.50	8.00
Ø 24"	14.00 R 24	TL	193 A5	STD	388	1415	-	-	10,00 W	10,00 ; 10,00 WA

STD: Standard



Radial



A8



200

Technologies



Special Antistatic Compound



All Steel

Performance



Stability



Durability



Handling and Comfort



Traction



Radial

L-5

A2

204



EARTHMAX SR 57

RADIAL OTR TIRES

EARTHMAX SR 57 is an All Steel radial tire specially engineered for loaders, dozers and utility vehicles operating in underground mines. The tire provides superior traction, stability and comfort on severe and rocky surfaces. The L-5 extra deep tread and the specially formulated UMS (underground mine service) compound provide a longer tread wear in addition to extraordinary resistance to rock cuts, and punctures.

Technologies



All Steel



Block Pattern

Performance



Durability



Traction



Cut Resistance



Stability

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 15"	7.50 R 15	TT	L-5	*	-	CRC	-	223	845	-	-	46	6.00	6.50
	8.25 R 15	TT	L-5	*	-	CRC	-	240	880	-	-	47	6.50	7.00
	10.00 R 15	TT	L-5	*	-	CRC	-	278	916	-	-	48	7.50	7.00
Ø 20"	10.00 R 20	TT	L-5	*	-	CRC	-	272	1105	-	-	48	7.50	-
	12.00 R 20	TT	L-5	*	-	CRC	-	318	1180	-	-	56	8.50	-
Ø 25"	18.00 R 25	TL	L-5	**	204A2	CRC	-	515	1651	-	-	80	13.00/2.5	-

CRC: Cut Resistant Compound





EARTHMAX SR 431

RADIAL OTR TIRES

EARTHMAX SR 431 is an All Steel tire specially designed for rigid haul trucks operating in severe mining conditions. The sizes with TRA code E-4 are recommended for surface mining operations while sizes with TRA code SH-4 are recommended for underground mining operations. The non-directional tread pattern ensures excellent traction and stability. The tire features a strong All Steel casing and a special tread compound providing extraordinary cut and chip resistance as well as a long service life even in rocky, abrasive and harsh environments.

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 25"	16.00 R 25	TL	E-4	**	177 B	CRC	166	452	1532	713	4649	45	11.25/2.0	-
	16.00 R 25	TL	E-4	***	183 B	CRC	166	452	1532	713	4649	45	11.25/2.0	-
	18.00 R 25	TL	E-4	**	185 B	CRC	140	520	1660	760	5040	49	13.00/2.5	-
	18.00 R 25	TL	SH-4	****	-	CRC	-	520	1660	760	5040	49	13.00/2.5	-

CRC: Cut Resistance Compound

In case of underground mine application, consult your servicing dealer or BKT representative



Radial



Technologies



All Steel

Performance



Durability



Traction



Stability



Cut and Chip Resistance



Radial

L-3S

A2

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EARTHMAX SR 315

RADIAL OTR TIRES

EARTHMAX SR 315 is an All Steel radial tire specially engineered and designed for Load Haul Dumps. It delivers excellent performance in digging, loading and load and carry operations in underground mines. It is equipped with a strong casing, reinforced by multiple steel belts which minimizes impact break and rock punctures. EARTHMAX SR 315 reinforced sidewalls and buttress areas guarantee excellent performance in severe rocky conditions, minimizing rock cuts and damage caused by scrubbing. Its L-3S smooth tread reduces rock and stone drilling. EARTHMAX SR 315 compound is specifically designed to ensure low heat generation and reliability in underground mine services (UMS).

Technologies



Steel Belted



All Steel



Smooth Tire

Performance



Durability



Cut and Chip Resistance



Heat Resistance



Hard Rocky Surface

	Tire size	Type	TRA CODE	STAR RATING	LI/SS	Version	TKPH	O.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	TREAD DEPTH (mm)	RIM	
													Rec.	Alt.
Ø 25"	15.5 R 25	TL	L-3S	***	182 A2	CRC	-	402	1265	566	3822	26	12.00/1.3	-
Ø 29"	26.5 R 29	TL	L-3S	**	211 A2	CRC	-	725	1865	830	5635	44	22.00/3.0	-
	26.5 R 29	TL	L-3S	***	217 A2	CRC	-	725	1865	830	5635	44	22.00/3.0	-

CRC: Cut Resistant Compound





MINE STAR

MINE STAR is a bias-ply tire which is an excellent choice for heavy-duty underground mining operations. It features high cut/chip and puncture resistance providing improved operational efficiency. MINE STAR is made of a special compound and features a special tread design resulting in an extended tire life-cycle.

	Tire size	Type	TRA CODE	PR	LI/SS	Version	TKPH	S.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 15"	8.25 - 15	TT	-	20	-	STD	-	244	848	-	-	19	6.5	6.0; 7.0
	32 X 14.50 / 15 - 15	TT	-	28	-	STD	-	350	825	-	-	23	11.0	11.50; 11.00 BD; 10.50
	35 X 15 - 15	TT	-	20	-	STD	-	372	885	-	-	23	11.0	11.50; 11.00 BD
	35 X 15 - 15	TT	-	32	-	STD	-	372	885	-	-	23	11.0	11.50; 11.00 BD
	35 X 15 - 15	TL	-	32	-	STD	-	372	885	-	-	23	11.0	11.50; 11.00 BD
	38 X 16 - 15	TT	-	32	-	STD	-	400	990	-	-	28	11.5	-
	38 X 16 - 15	TL	-	32	-	STD	-	400	990	-	-	28	11.5	-
Ø 25"	55 X 19.00 - 25	TL	L-5	50	-	STD	-	480	1400	632	4280	69	14.00	-
Ø 34"	55 X 19.00 - 34	TL	L-5	50	-	STD	-	460	1435	-	-	64	16.00	-

STD: Standard



Bias



Technologies



Extra Deep Tread

Performance



Cut and Chip Resistance



Durability



High Puncture Resistance



Stability



Bias



MINE STAR XL-S

MINE STAR XL-S is a bias-ply tire specifically designed for load haul dumps (LHD) in underground loading and hauling operations. The wide tread design with a smooth central part ensures durability, while the deep shoulder design provides excellent traction and heat dissipation. MINE STAR XL-S is made of special tread and sidewall compounds for excellent cut-and-chip resistance. In addition, the heavy-duty carcass provides extraordinary strength and ensures a longer tire life-cycle and reduced machine downtime.

Technologies



Reinforced Carcass



Heavy Duty

Performance



Cut and Chip Resistance



Durability



Hard Rocky Surface



Traction

	Tire size	Type	TRA CODE	PR	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 20"	44 X 18 - 20	TL	-	36	-	STD	-	450	1150	-	-	25	15.00T	-

STD: Standard





POWER TRAX HD

POWER TRAX HD premium tire is specially designed for equipment in port and underground mining applications. Its deep tread, the extra thick sidewall and the tough casing provide exceptional durability minimizing the risk of punctures and accidental damages. The tire features excellent cut and chip resistance, which is particularly suitable for rough and hard surfaces. The specially designed rim guard ensures protection against flats and wheel damage in the rim flange area.

	Tire size	Type	PR	LI/SS	Version	S.W.	O.D.	SLR	RC	RIM	
						(mm)	(mm)	(mm)	(mm)	Rec.	Alt.
Ø 20"	12.00 - 20	TT	20	172 A8	IMP	320	1150	-	-	8.50	9.0
	12.00 - 20	TT	20	-	STD	320	1150	-	-	8.50	9.0
	12.00 - 20	TT	28	173 A8	IMP	320	1150	-	-	8.50	9.0
	12.00 - 20	TT	28	-	STD	320	1150	-	-	8.50	9.0

STD: Standard - IMP: Implement



Bias



A8



173

Technologies



Deep Tread





Bias



POWER TRAX HD SMOOTH

POWER TRAX HD SMOOTH is a bias-ply tire specially designed for port and underground mining operations. The special sidewall protection along with a solid tread prevents cut and puncture damages that are common in such demanding environments. When you need to move heavy-duty loads, POWER TRAX HD SMOOTH is your ideal partner.

Technologies



Heavy Duty



Extra Deep Tread

Performance



Cut and Chip Resistance



Durability



Stability

	Tire size	Type	PR	LI/SS	Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
										Rec.	Alt.
Ø 20"	12.00 - 20	TT	20	-	STD	320	1150	-	-	8.50	9.0
	12.00 - 20	TT	28	-	STD	320	1150	-	-	8.50	9.0

STD: Standard





SM 53

SM 53 has been specially designed for loaders in underground mining and loading applications. It features high stability as well as a smooth tread design providing excellent cut resistance.

	Tire size	Type	TRA CODE	PR	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 20"	9.00 - 20	TT	L-3S	16	-	STD	-	266	1040	472	3080	23	7.0	-

STD: Standard



Bias



Performance



Durability



Stability



Bias



SM 55 L-5S

SM 55 (L-5S) is a bias-ply tire ideal for underground mining operations. The specially designed cut-and-chip-resistant tread compound minimizes punctures thereby reducing machine downtime. The extra-deep L-5 S tread depth guarantees an extended tire life. The tire is also available in a steel-belted version.

Technologies



Heavy Duty



Extra Deep Tread

Performance



Cut and Chip Resistance



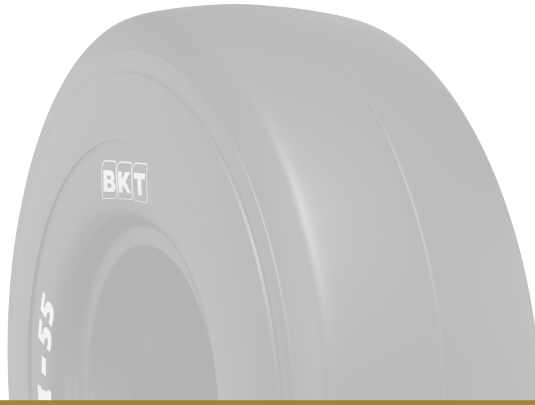
Durability



Stability

	Tire size	Type	TRA CODE	PR	LI/SS	Version	TKPH	O.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	TREAD DEPTH (mm)	RIM	
													Rec.	Alt.
Ø 12"	7.00 - 12	TT	L-5S	16	-	STD	-	205	710	323	2159	31	5.00 S	-
	7.00 - 12	TT	L-5S	14	-	STD	-	205	710	323	2159	31	5.00 S	-
	7.00 - 12	TT	L-5S	16	-	DB	-	205	710	323	2159	31	5.00 S	-
Ø 20"	9.50 - 20	TT	L-5S	16	-	STD	-	275	1065	505	3280	57,5	7.5	-
Ø 24"	12.00 - 24	TT	L-5S	24	-	STD	-	310	1275	594	3777	60	8.5	7.33 V; 8; 8.00 V; 8.50 V
	12.00 - 24	TT	L-5S	20	-	STD	-	310	1275	594	3777	60	8.5	7.33 V; 8; 8.00 V; 8.50 V
	12.00 - 24	TT	L-5S	24	-	SB	-	310	1275	594	3777	60	8.5	7.33 V; 8; 8.00 V; 8.50 V
Ø 25"	17.5 - 25	TL	L-5S	20	-	STD	-	438	1375	631	4043	63,5	14.00/1.5	14.00/1.3; 14.00/1.4 (DC)
	17.5 - 25	TL	L-5S	24	-	STD	-	438	1375	631	4043	63,5	14.00/1.5	14.00/1.3; 14.00/1.4 (DC)
	17.5 - 25	TL	L-5S	24	-	AR	-	438	1375	631	4043	63,5	14.00/1.5	14.00/1.3; 14.00/1.4 (DC)
	17.5 - 25	TL	L-5S	24	-	SB	-	438	1375	631	4043	63,5	14.00/1.5	14.00/1.3; 14.00/1.4 (DC)
	17.5 - 25	TL	L-5S	20	-	SB	-	438	1375	631	4043	63,5	14.00/1.5	14.00/1.3; 14.00/1.4 (DC)
	18.00 - 25	TL	L-5S	40	-	STD	-	517	1665	765	5118	83	13.00/2.5	15.00/2.5
	18.00 - 25	TL	L-5S	32	-	STD	-	517	1665	765	5118	83	13.00/2.5	15.00/2.5

STD: Standard - DB: Dual Bead - SB: Steel Belted - AR: Arashield



	Tire size	Type	TRA CODE	PR	LI/SS	Version	TKPH	O.W.	O.D.	SLR	RC	TREAD DEPTH (mm)	RIM	
								(mm)	(mm)	(mm)	(mm)		Rec.	Alt.
Ø 25"	18.00 - 25	TL	L-5S	28	-	STD	-	517	1665	765	5118	83	13.00/2.5	15.00/2.5
	18.00 - 25	TL	L-5S	40	-	AR	-	517	1665	765	5118	83	13.00/2.5	15.00/2.5
	18.00 - 25	TL	L-5S	28	-	SB	-	517	1665	765	5118	83	13.00/2.5	15.00/2.5
	18.00 - 25	TL	L-5S	40	-	SB	-	517	1665	765	5118	83	13.00/2.5	15.00/2.5
	20.5 - 25	TL	L-5S	20	-	STD	-	530	1565	-	-	80	17.00/2.0	-
	26.5 - 25	TL	L-5S	36	-	AR	-	700	1798	816	5322	96	22.00/3.0	-
	26.5 - 25	TL	L-5S	28	-	SB	-	700	1798	816	5322	96	22.00/3.0	-
	26.5 - 25	TL	L-5S	32	-	SB	-	700	1798	816	5322	96	22.00/3.0	-
Ø 29"	29.5 - 29	TL	L-5S	40	-	AR	-	755	2020	882	6021	104	25.00/3.5	24.00/3.5
	29.5 - 29	TL	L-5S	28	-	SB	-	755	2020	882	6021	104	25.00/3.5	24.00/3.5
	29.5 - 29	TL	L-5S	40	-	SB	-	755	2020	882	6021	104	25.00/3.5	24.00/3.5
Ø 33"	35/65 - 33	TL	L-5S	48	-	AR	-	920	2085	-	-	98	28.00/3.5	-
	35/65 - 33	TL	L-5S	48	-	SB	-	920	2085	-	-	98	28.00/3.5	-
Ø 45"	45/65 - 45	TL	L-5S	58	-	SB	-	1145	2750	-	-	116	36.00/4.5	-

STD: Standard - SB: Steel Belted - AR: Arashield

Load index

The load index is a code that defines a tire's maximum weight capacity at the speed given by its speed index provided that the usage conditions recommended by the Manufacturer are fully complied with.

Corresponding values of load index (LI) and load capacity per wheel (kg / lbs)

LI	lbs	kg	LI	lbs	kg	LI	lbs	kg	LI	lbs	kg
50	420	190	85	1135	515	120	3085	1400	155	8540	3875
51	430	195	86	1170	530	121	3195	1450	156	8820	4000
52	440	200	87	1200	545	122	3305	1500	157	9095	4125
53	455	206	88	1235	560	123	3415	1550	158	9370	4250
54	465	212	89	1280	580	124	3525	1600	159	9645	4375
55	480	218	90	1325	600	125	3635	1650	160	9920	4500
56	495	224	91	1355	615	126	3750	1700	161	10195	4625
57	505	230	92	1390	630	127	3860	1750	162	10470	4750
58	520	236	93	1435	650	128	3970	1800	163	10745	4875
59	535	243	94	1475	670	129	4080	1850	164	11025	5000
60	550	250	95	1520	690	130	4190	1900	165	11355	5150
61	565	257	96	1565	710	131	4300	1950	166	11685	5300
62	585	265	97	1610	730	132	4410	2000	167	12015	5450
63	600	272	98	1655	750	133	4540	2060	168	12345	5600
64	615	280	99	1710	775	134	4675	2120	169	12785	5800
65	640	290	100	1765	800	135	4805	2180	170	13225	6000
66	660	300	101	1820	825	136	4940	2240	171	13560	6150
67	675	307	102	1875	850	137	5070	2300	172	13890	6300
68	695	315	103	1930	875	138	5205	2360	173	14330	6500
69	715	325	104	1985	900	139	5355	2430	174	14770	6700
70	740	335	105	2040	925	140	5510	2500	175	15210	6900
71	760	345	106	2095	950	141	5675	2575	176	15650	7100
72	785	355	107	2150	975	142	5840	2650	177	16095	7300
73	805	365	108	2205	1000	143	6005	2725	178	16535	7500
74	825	375	109	2270	1030	144	6175	2800	179	17085	7750
75	855	387	110	2335	1060	145	6395	2900	180	17635	8000
76	880	400	111	2405	1090	146	6615	3000	181	18185	8250
77	910	412	112	2470	1120	147	6780	3075	182	18740	8500
78	935	425	113	2535	1150	148	6945	3150	183	19290	8750
79	965	437	114	2600	1180	149	7165	3250	184	19840	9000
80	990	450	115	2680	1215	150	7385	3350	185	20390	9250
81	1020	462	116	2755	1250	151	7605	3450	186	20945	9500
82	1045	475	117	2835	1285	152	7825	3550	187	21495	9750
83	1075	487	118	2910	1320	153	8045	3650	188	22045	10000
84	1100	500	119	3000	1360	154	8265	3750	189	22705	10300

LI	lbs	kg	LI	lbs	kg	LI	lbs	kg
190	23370	10600	200	30865	14000	210	41885	19000
191	24030	10900	201	31965	14500	211	42990	19500
192	24690	11200	202	33070	15000	212	44090	20000
193	25350	11500	203	34170	15500	213	45415	20600
194	26015	11800	204	35270	16000	214	46735	21200
195	26785	12150	205	36375	16500	215	48060	21800
196	27555	12500	206	37475	17000	216	49380	22400
197	28330	12850	207	38580	17500	217	50705	23000
198	29100	13200	208	39680	18000	218	52025	23600
199	29980	13600	209	40785	18500	219	53570	24300

Speed index

The speed index is a value that indicates the maximum admitted speed at which the tire can carry the weight corresponding to its load index provided that the usage conditions recommended by the Manufacturer are fully complied with.

Speed index	A2	A4	A6	A8	B	C	D	E	F	G	J	K
km/h	10	20	30	40	50	60	65	70	80	90	100	110
mph	5	10	20	25	30	35	40	45	50	55	62	68



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