



THE POWER TO WIN



Off The Road
TYRES

Product Catalogue

ABOUT US

Birla Tyres was established in 1991 and has a rich heritage of excellence. Over the past 3 decades, Birla Tyres had built a reputation for quality and was recognized as one of the best tyre manufacturers in India. The registered office of Birla Tyres is located in Kolkata while the state-of-the-art manufacturing plant is located at Balasore, Odisha. The plant spans over an area of 195 acres and produces high-quality tyres catering to a wide variety of applications (commercial, agricultural, off-the-road, etc.)

Dalmia Bharat Refractories Limited (DBRL) along with their strategic partner, Himadri Speciality Chemical Limited (HSCL) have acquired Birla Tyres Limited's tyre business.



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Off The Road
TYRES



KALAPATTHAR (ML)

Premium tyre for toughest mining environments

- ☑ Strongly bonded casing designed for mining application
- ☑ Specially designed tread compound for cut & chip resistance
- ☑ Radial "Z" block for better performance

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
9.00-20	TT	16	7.0	260	1052	3146	479	500	137	G	2300	105	TR175A
10.00-20	TT	18	7.5	273	1066	3188	485	500	144	G	2800	110	TR78A
11.00-20	TT	18	8.0	291	1098	3284	498	525	146	G	3000	110	TR78A
12.00-20	TT	18	8.5	315	1130	3380	511	550	150	F	3350	105	TR78A
12.00-24	TT	20	8.5	307	1240	3709	565	600	155	F	3875	115	TR78A



KALAPATTHAR XTL (ML)

- ✓ Non-Directional Tread design with extra mass at crown: Improve wear life, traction and durability in heavy-duty applications.
- ✓ Bigger Tyre with Enhanced Tread width: Increase load carrying capacity and reduces heat build-up due to larger air volume. Bigger contact patch for better traction.
- ✓ Higher NSD with Optimized Tie bar and Groove Design: Higher NSD for Maximum Mileage
Tie Bar Prevents excessive shuffling of tread blocks and protects cut at Centre. Single Step Groove design restricts stone penetration.
- ✓ Aesthetic sidewall design: Inclusion of Stone textures to enhance visual appearance with functional requirements.
- ✓ New Generation Tread compound for Superior Cut & Chip resistance with Low Heat build up: Excellent resistance to damage in rocky terrain. Low heat build up compound for cooler running.
- ✓ Extra Strong Nylon Casing: Increases strength. Superior in Heavy Duty application Resistance to puncture.

Application ▶



TECHNICAL SPECIFICATIONS

Tyre Size	PR	TT/TL	LI/SS	Recomm. Rim	Alternate Rim	Unloaded Inflated Dimension		Static Loaded Radius (mm)	Rolling Circumference (mm)	Max Speed (km/h)	Load Carrying Capacity	
						SW	OD				(Max Load)	Inflation Pressure
						(mm)	(mm)				(kg)	(bar)
						(in)	(in)	(in)	(in)	(mph)	(lbs)	(psi)
10.00-20	18	TT	144 G	7.5	-	280	1085	492	3245	90	2800	7.6
						11.0	42.7	19.4	127.8	56	6170	110
11.00-20	18	TT	146 G	8	-	300	1120	506	3350	90	3000	7.6
						11.8	44.1	19.9	131.9	56	6610	110
12.00-20	20	TT	151 F	8.5	-	320	1155	521	3454	80	3450	7.9
						12.6	45.5	20.5	136.0	50	7610	115
12.00-24	20	TT	155 F	8.5	-	320	1250	569	3738	80	3875	7.9
						12.6	49.2	22.4	147.2	50	8540	115



KALAPATTHAR XTR (ML)

- ☑ Specially designed rib pattern with traction lug: Provides excellent combination of steering and traction properties. Suitable for steering-axle of tipper truck.
- ☑ Bigger Tyre with Wider Tread width: Increase load carrying capacity and reduces heat build-up due to larger air volume. Bigger contact patch for better traction.
- ☑ Higher NSD with Optimized Centre Rib Design: Higher NSD for Maximum Mileage Special wider centre rib design enhance steering capability and mileage. Special Step Groove design with stone ejector restricts channel crack.
- ☑ Aesthetic sidewall design: Inclusion of Stone textures to enhance visual appearance with functional requirements.
- ☑ New Generation Tread compound for Superior Cut & Chip resistance with Low Heat build up: Excellent resistance to damage in rocky terrain. Low heat build up compound for cooler running.
- ☑ Extra Strong Nylon Casing: Increases strength. Superior in Heavy Duty application Resistance to puncture

Application ▶



TECHNICAL SPECIFICATIONS

Tyre Size	PR	TT/TL	LI/SS	Recomm. Rim	Alternate Rim	Unloaded Inflated Dimension		Static Loaded Radius (mm)	Rolling Circumference (mm)	Max Speed (km/h)	Load Carrying Capacity	
						SW	OD				(Max Load)	Inflation Pressure
						(mm)	(mm)				(kg)	(bar)
						(in)	(in)	(in)	(in)	(mph)	(lbs)	(psi)
10.00-20	18	TT	144 G	7.5	-	286	1088	493	3254	90	2800	7.6
						11.3	42.8	19.4	128.1	56	6170	110
11.00-20	18	TT	146 G	8	-	300	1120	506	3350	90	3000	7.6
						11.8	44.1	19.9	131.9	56	6610	110



ULTRA TRAC (E-4)

Premium Earth Mover

- ☑ Optimized tread compound for excellent performance in various mining conditions
- ☑ Specially designed tread pattern & rugged shoulder to provide excellent grip
- ☑ Trouble free under severe service conditions
- ☑ Stronger carcass to resist impact failure

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
12.00-24	TT	18	8.5	313	1240	3709	565	600	154	F	3750	110	TR 78A
12.00-24	TT	20	8.5	313	1240	3709	565	600	155	F	3875	115	TR 78A
12.00-24	TT	24	8.5	316	1240	3709	565	600	155	F	3875	115	TR 78A
14.00-24	TT	24	10.00W	382	1371	4100	619	650	---	---	5150 @ 50 kmph 9500 @10 kmph	83 123	TRJ 1175
14.00-24	TT	28	10.00W	382	1371	4100	619	650	---	---	5600 @ 50 kmph 10000 @10 kmph	94 134	TRJ 1175
18.00-25	TL	32	13.00/2.5	510	1685	5039	751	800	---	---	8750 @50 kmph 15000 @10 kmph	83 109	---

* 12.00-24 & 14.00-24 are E-3

TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
18.00-25	TL	40	13.00/2.5	510	1685	5039	751	800	---	---	9750 @50 kmph 17000 @10 kmph	102 138	---
18.00-25	TL	40	13.00/2.5	510	1685	5039	751	800	---	---	9750 @50 kmph 17000 @10 kmph	102 138	---
18.00-33	TL	32	13.00/2.5	505	1895	5668	855	900	---	---	10000 @50 kmph 17500 @10 kmph	83 109	---
18.00-33	TL	36	13.00/2.5	505	1895	5668	855	900	---	---	10600 @50 kmph 18500 @10 kmph	91 123	---
18.00-33	TL	40	13.00/2.5	505	1895	5668	855	900	---	---	11800 @ 50 kmph	105	---
21.00-35*	TL	40	15.00/3.0	585	2060	6161	928	975	---	---	14000 @50 kmph 24300 @10 kmph	91 120	---
21.00-35*	TL	36	15.00/3.0	585	2050	6131	923	975	---	---	12850 @50 kmph 23000 @10 kmph	80 109	---
24.00-35*	TL	42	17.00/3.5	650	2195	6565	983	1050	---	---	16500 @50 kmph 29000 @10 kmph	80 109	---
24.00-35*	TL	48	17.00/3.5	650	2195	6565	983	1050	---	---	18500 @50 kmph 31500 @10 kmph	94 123	---

*Available in Heat Resistance and Standard compound options

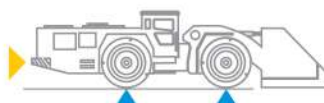


ULTRA TRAC DX (L-5)

Premium Earth Mover

- ☑ Optimized tread compound for excellent performance in various mining conditions
- ☑ Specially designed tread pattern & rugged shoulder to provide excellent grip
- ☑ Trouble free under severe service conditions
- ☑ Stronger carcass to resist impact failure

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
26.5-25	TL	32	22.00/3.0	695	1790	5354	794	850	--	--	11200 @50 kmph 17000 @10 kmph	62 80	--



GRADER MAX (G-2/L-2)

Premium Grader Tyre

- ✓ Robust cut resistant tread compound
- ✓ Superior casing strength to resist impact damage
- ✓ Reliable under extreme service conditions

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
13.00-24	TT	12	8.00TG SDC	338	1290	3858	586	625	--	--	2725 @ 40 kmph 5600 @ 10 kmph	44 65	TR 220A
13.00-24	TL	16	8.00TG SDC	338	1290	3858	586	625	--	--	3250 @ 40 kmph 6500 @ 10 kmph	65 87	--
14.00-24	TT	12	8.00TG SDC	365	1345	4023	609	650	--	--	3075 @ 40 kmph 6300 @ 10 kmph	40 62	TR 220A
14.00-24	TL	16	8.00TG SDC	365	1345	4023	609	650	--	--	3650 @ 40 kmph 7300 @ 10 kmph	54 80	--



ULTRA GRIP (E-3/L-3)

Premium Loader Tyre

- ✓ Unique tread design for higher grip
- ✓ Stronger carcass to prevent impact failure
- ✓ Cut & chip resistant tread compound for on/off application
- ✓ Trouble free under severe service conditions

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
14.00-25	TT	20	10.00/1.5	384	1368	4091	620	650	---	---	4625 @ 50 kmph 8500 @10 kmph	69 102	TRJ 1175
17.5-25	TL	20	14.00/1.5	443	1381	4130	625	650	---	---	5000 @50 kmph 8250 @10 kmph	58 83	---
20.5-25	TL	20	17.00/3.0	530	1505	4501	676	725	---	---	6000 @50 kmph 9500 @10 kmph	47 65	---
23.5-25	TL	20	19.50/2.5	610	1620	4845	724	775	---	---	7300 @50 kmph 10900 @10 kmph	44 54	---

TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
14.00-25	TT	24	10.00/1.5	384	1368	4091	620	650	--	--	5150 @ 50 kmph 9500 @10 kmph	83 123	TRJ 1175
20.5-25	TL	24	17.00/3.0	530	1505	4501	676	725	--	--	6700 @50 kmph 10300 @10 kmph	58 76	--
23.5-25	TL	24	19.50/2.5	610	1620	4845	724	775	--	--	8000 @50 kmph 12500 @10 kmph	51 69	--
26.5-25	TL	28	22.00/3.0	715	1725	5159	767	825	--	--	10000 @50 kmph 15500 @10 kmph	51 69	--
29.5-25	TL	28	25.00/3.5	785	1885	5638	833	900	--	--	11500 @50 kmph 17500 @10 kmph	47 62	--
26.5-25	TL	32	22.00/3.0	715	1725	5159	767	825	--	--	11200 @50 kmph 17000 @10 kmph	62 80	--
29.5-25	TL	34	25.00/3.5	785	1885	5638	833	900	--	--	19800 @ 10 kmph	78	--

* 29.5-25 is L-3



ULTRA SLICK (L-5S)

LHD / LPDT

- ☑ Wider tread helps in better stability & easy maneuvering
- ☑ Specially designed cut & chip resistant tread compound minimizes damages ensuring minimum machine downtime
- ☑ Extra deep tread depth helps in longer tyre life
- ☑ Strong carcass allows heavy load during underground mining application

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
26.5-25	TL	40	22.00/3.0	690	1810	5413	802	850	-	-	19500 @ 10 kmph	102	---



INDUSTRIAL
TYRES



F-TRAC (IND)

Premium Industrial Tyre

- ✓ Robust tread design for heavy duty application
- ✓ Cut & chip resistant tread compound for on/off application
- ✓ Strong carcass helps in carrying higher load
- ✓ Higher durability with excellent self cleaning properties

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
12.5/80-18	TT	12	9.0X18	308	998	2985	412	475	142 (Free rolling) 129 (Drive wheel)	A8	-	-	TR 78A
12.5/80-18	TT	16	9.0X18	308	998	2985	412	475	148 (Free rolling) 135 (Drive wheel)	A8	-	-	TR 78A



LOADER MAX (R-4)

Premium Industrial Tyre

- ✓ Superior casing strength to resist impact damage
- ✓ Robust cut resistant tread compound
- ✓ Reliable under extreme service conditions

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
16.9-28	TT	12	W 15L	440	1425	4262	650	675	152	A8	3550	38	TR 218A



BT 009 (IND)

Backhoe Loader

- ✓ Superior productivity: The non-directional tread with straight lugs minimizes tread shuffle and slippage, delivering improved traction in rugged construction conditions
- ✓ High Load Carrying Capacity: Strong nylon carcass structure provides Superior strength and Penetration resistance
- ✓ Enhanced Reliability: Crafted with a specially formulated compound that resists cuts, chips, bruises, abrasions, and punctures ensuring a longer tyre life
- ✓ Durability: The Optimized footprint distributes load evenly, reducing uneven wear and extending tyre life and overall durability in rough construction sites or smooth roads

Application



TECHNICAL SPECIFICATIONS

Tyre Size	PR	TT/TL	LI/SS	Recomm. Rim	Alternate Rim	Unloaded Inflated Dimension		Static Loaded Radius	Rolling Circumference	Max Speed	Load Carrying Capacity (Max Load)	Inflation Pressure
						SW (mm)	OD (mm)	(mm)	(mm)	(km/h)	(kg)	(bar)
9.00-16	16	TT	137 A6	6.50H	6.00G	268	932	420	2787	30	2300	7.25



PORT
TYRES



ULTRA PORT (IND-4)

Premium

- ✓ Cut & chip resistant tread compound
- ✓ Rugged shoulder to provide excellent grip
- ✓ Performs under extreme service conditions
- ✓ Stronger carcass to prevent impact failure

Application



TECHNICAL SPECIFICATIONS

Size	Type (TT / TL)	Ply Rating	Rim Rec.	Sectional Width (mm)	Overall Diameter (mm)	Rolling Cir. (mm)	Static Loaded Radius (mm)	Speed Radius Index	Load Index	Speed Symbol	Load range (kg)	Inflation Pressure (bar)	Tube Valve Code
18.00-25	TL	40	13.00/2.5	510	1685	5039	751	800	—	—	9750 @50 kmph 17000 @10 kmph	102 138	—

Note

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