

THE POWER TO WIN



**AGRICULTURE
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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AGRICULTURE
TYRES



SHAN(F-2)

Durable - Front Tractor Tyre

- ✓ Suitable for both haulage & agriculture
- ✓ Longer life & more mileage
- ✓ Wider center rib for better grip in soil
- ✓ Notched shoulder rib for better stability

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
6.00-16	TT	8	4.50E	171	745	2228	343	350	94	A6	670	65	TR 15
7.50-16	TT	8	5.50F	210	810	2423	370	375	103	A6	875	54	TR 15
6.50-20	TT	8	5.00F	185	879	2629	398	425	102	A6	850	65	TR 15

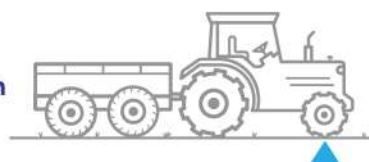


AGRIPLUS(F-2)

Tractor in Field and Haulage

- ✓ **Excellent Steering Control:** Strong 3-rib pattern with a wider centre rib ensures better steering control and smooth maneuverability on field and road
- ✓ **Higher Puncture Protection:** Advanced groove design with extra under-tread and a tough cut-resistant compound ensures superior defense against thorn and stubble punctures
- ✓ **Durability & Longevity:** Reinforced carcass and advanced tread compound deliver longer tread life and exceptional durability in both farm and haulage operations

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)					
						(in)	(in)	(in)	(in)	(mph)	(lbs)	(psi)
6.00-16	8	TT	94 A6	4.50E	4.00E, 5.00F	175	758	348	2267	30	670	4.7
						6.9	29.8	13.7	89.3	19	1480	68
6.50-16	8	TT	98 A6	4.50E	4.00E, 5.00F, 5.50F	186	784	359	2345	30	750	4.2
						7.3	30.9	14.1	92.3	19	1650	61
7.50-16	8	TT	103 A6	5.50F	5.00F, 6.00F	210	815	372	2437	30	875	3.7
						8.3	32.1	14.6	96.0	19	1930	54



AGRILEAP T40 (F-2)

- ✓ **Unique T Lug with Center Rib Design:**
Ensures excellent steering performance and ride comfort in both on-road and off-road applications. Used in Soil Tillage and Haulage applications.
- ✓ **Higher Tread Depth: Higher mileage.**
Longer Tyre life.
- ✓ **Advance Tread compound:** Engineered for robust cut and tear resistance on all surfaces, maximizing service longevity.
- ✓ **Optimized Tread Groove Design:** Designed for effective self-cleaning, reducing mud retention and ensuring reliable traction.
- ✓ **Strong Nylon Casing:** Heavy load-carrying capacity. Resistance to Impact Failure.



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	
						SW (mm) (in)	OD (mm) (in)				(Max Load) (kg) (lbs)	Inflation Pressure (bar) (psi)
8.00-16	8	TT	105 A6	5.50F	-	211	835	380	2497	30	925	3.6
						8.3	32.9	15.0	98.3	19	2040	52
9.00-16	10	TT	115 A6	W8	W7,6.50F	254	862	391	2578	30	1215	4.15
						10.0	33.9	15.4	101.5	19	2680	60
10.00-16	10	TT	118 A6	W8	-	280	905	409	2707	30	1320	3.4
						11.0	35.6	16.1	106.6	19	2910	49
11.00-16	10	TT	121 A6	W10L	W8L,8LB,10LB	326	970	436	2901	30	1450	3.3
						12.8	38.2	17.2	114.2	19	3200	48



AGRILEAP S30

- ✓ Smooth Rib Design: Better steering stability with optimized rib durability.
- ✓ Designed for Small Tractor in soil tillage Operation.
- ✓ Advanced Tread Compound: It resists cuts and tears from stubble and rough surfaces.
- ✓ Ensures longer operational life.
- ✓ Optimized Three longitudinal Ribs: Wider Center rib Provides excellent direction stability.
- ✓ Two shoulder ribs provides excellent steering control.
- ✓ Robust Nylon Casing: Multiple layers of Nylon fabric With Stand High Load in Service.
- ✓ Excellent Durability.

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	
						SW (mm) (in)	OD (mm) (in)				(Max Load) (kg) (lbs)	Inflation Pressure (bar) (psi)
5.00-15	6	TT	76 A8	4.00E	3.00D	145	669	309	2001	40	400	4.2
						5.7	26.3	12.2	78.8	25	880	61
5.50-16	6	TT	82 A8	4.00E	4.25KE, 4.50E	153	718	332	2147	40	475	3.9
						6.0	28.3	13.1	84.5	25	1050	57
9.00-16	10	TT	111 A8	W8L	W7, 6.00F	257	861	391	2575	40	1090	4.2
						10.1	33.9	15.4	101.4	25	2400	61
10.00-16	10	TT	115 A8	W8L	8LB	274	899	406	2689	40	1215	3.4
						10.8	35.4	16.0	105.9	25	2680	49

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)	(mp/h)	(lbs)	(psi)
11.00-16	10	TT	118 A8	W10L	W8L,8LB,10LB	322	972	437	2907	40	1320	3.3
						12.7	38.3	17.2	114.5	25	2910	48
7.50-18	8	TT	102 A8	5.50F		207	865	397	2587	40	850	3.9
						8.1	34.1	15.6	101.9	25	1870	57
4.00-19	6	TT	72A8	3.00D		115	722	340	2159	40	355	4.2
						4.5	28.4	13.4	85.0	25	780	61
6.00-19	6	TT	89A8	4.00E	4.50E	163	820	380	2452	40	580	3.6
						6.4	32.3	15.0	96.6	25	1280	52
7.50-20	8	TT	105 A8	5.50F	5.00F	207	914	421	2734	40	925	3.9
						8.1	36.0	16.6	107.6	25	2040	57



AGRILEAP (Reaper Special)

- ✓ Unique 4 Rib Design: Optimized for versatile applications across on-road and off-road environments with straw reaper equipment. Sinusoidal groove design for optimize grip and restrict any groove crack.
- ✓ Deep Tread: Longer Tyre life.
- ✓ Special Tread compound: Provides high resistance to wear and stubble damage. Enhances protection against cuts, impacts, and punctures. Minimizes rolling resistance to enhance fuel efficiency and ride duration.
- ✓ Optimized Groove design: Excellent Self Cleaning.
- ✓ Strong Nylon Casing: High load-carrying capacity. Used in Heavy duty performance.

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	
						SW (mm) (in)	OD (mm) (in)				(Max Load) (kg) (lbs)	Inflation Pressure (bar) (psi)
7.00-19	10	TT	119 A3	5.00	-	210	877	404	2623	15	1360	5.15
						8.3	34.5	15.9	103.3	9	3000	75



SHAAAN+(R-1)

Durable - Tractor Tyre

- ✓ Superior lug design ensures maximum traction
- ✓ Cut resistant tread compound ensures reduced stubble penetration
- ✓ Suitable for both haulage & agriculture
- ✓ Better tyre floatation & less soil compaction
- ✓ Smooth channel for self cleaning

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
12.4-28	TT	12	W11	328	1284	3840	592	600	125	A6	1650	36	TR 218A
13.6-28	TT	12	W12	355	1341	4011	616	650	128	A6	1800	33	TR 218A
14.9-28	TT	12	W13	386	1386	4145	634	650	134	A6	2120	33	TR 218A
16.9-28	TT	12	W 15L	446	1437	4298	655	675	143	A6	2725	35	TR 218A
16.9-30	TT	10	W 15L	448	1490	4456	682	700	140	A6	2500	30	TR 218A
18.4-30	TT	14	W 15L	492	1580	4725	719	750	151	A6	3450	37	TR 218A



SUPER+(R-1)

Durable - Farm Tyre

- ✓ Optimized lug design ensures maximum traction
- ✓ Suitable for haulage and agriculture
- ✓ Cut resistant tread compound ensures reduced stubble penetration
- ✓ Smooth channel for self cleaning

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
12.4-28	TT	12	W11	326	1292	3864	596	625	125	A6	1650	36	TR 218A
13.6-28	TT	12	W12	355	1331	3981	612	625	128	A6	1800	33	TR 218A



FARM HAUL PLATINA(R-1)

Dual Performance

- ✓ Suitable for both farming & haulage
- ✓ Applicable for both hard & soft soil
- ✓ Longer hours in field & more mileage on road
- ✓ Mud shaker for self cleaning
- ✓ Higher mileage, cut & tear resistant tread compound
- ✓ Thorn & stubble puncture resistant

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
12.4-28	TT	12	W11	322	1295	3873	597	625	125	A6	1650	36	TR 218A
13.6-28	TT	12	W12	361	1334	3990	613	625	128	A6	1800	33	TR 218A



AGRIPLUS(R-1)

Tractor in Field and Haulage

- ✓ **Excellent Traction & Grip:** Aggressive triple-angle lugs bite into soft soil, delivering superior traction for plowing, tilling, and heavy field work
- ✓ **High Load Carrying Capacity:** Strong nylon carcass structure provides Superior strength and Penetration resistance
- ✓ **Self-Cleaning Tread:** The widely spaced lugs prevent the tire from clogging with mud or debris, maintaining good grip even in adverse conditions.
- ✓ **Durability & Longevity:** Advanced tread compound deliver longer tread life and exceptional durability in both farm and haulage operations.

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) (in)	OD (mm) (in)					
12.4-28	12	TT	125 A6	W11	W10, DW11	330	1290	594	3858	30	1650	2.5
						13.0	50.8	23.4	151.9	19	3640	36
13.6-28	12	TT	128 A6	W12	W11, DW12	365	1345	617	4023	30	1800	2.3
						14.4	53.0	24.3	158.4	19	3970	33
14.9-28	12	TT	134 A6	W13	W12, DW13	395	1389	635	4154	30	2120	2.3
						15.6	54.7	25.0	163.6	19	4670	33
16.9-28	12	TT	143 A6	W15L	W14L, DW15L	435	1450	660	4337	30	2725	2.4
						17.1	57.1	26.0	170.7	19	6010	35



AGRIWIN (R-1W+)

Unmatched Puddling Performance

- ✓ Outstanding Traction & Grip: Optimized lug design with extra deep tread Perfect for wet and moist soil with enhanced grip.
- ✓ Built for Stability in Every Rotation: Stronger Tie Bar Prevents lug movement and strengthens the lug base.
- ✓ Less Slippage: Aggressive tread bars perform exceptionally in mud and clay. Wide lug gaps enable strong self-cleaning, preventing mud buildup and maintaining traction.
- ✓ Durability & Longevity: Built with a reinforced carcass and advanced tread compound for long-lasting life and strong durability.

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) (in)	OD (mm) (in)					
8-18	6	TT	94 A6	W6	W7, 5.50F	201	845	389	2527	30	670	1.9
						7.9	33.3	15.3	99.5	19	1480	28
9.5-18	8	TT	105 A6	W8	W7	241	900	411	2692	30	925	3.0
						9.5	35.4	16.2	106.0	19	2040	44
9.5-24	6	TT	106 A6	W8	W7	241	1066	493	3188	30	950	2.1
						9.5	42.0	19.4	125.5	19	2090	30

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	OD					
						(mm)	(mm)					
						(in)	(in)	(in)	(in)	(mph)	(lbs)	(psi)
9.5-24	8	TT	112 A6	W8	W7	241	1066	493	3188	30	1120	2.8
						9.5	42.0	19.4	125.5	19	2470	41
11.2-24	8	TT	116 A6	W10	W9	284	1105	509	3305	30	1250	2.4
						11.2	43.5	20.0	130.1	19	2760	35
12.4-24	8	TT	121 A6	W11	W10	315	1165	534	3484	30	1450	2.3
						12.4	45.9	21.0	137.2	19	3200	33
13.6-24	8	TT	123 A6	W12	W11	355	1210	552	3619	30	1550	2.0
						14.0	47.6	21.8	142.5	19	3420	29
14.9-28	12	TT	137 A6	W13	W12	390	1373	629	4106	30	2300	2.6
						15.4	54.1	24.7	161.7	19	5070	38
16.9-28	12	TT	143 A6	W15L	W14L	447	1454	662	4349	30	2725	2.4
						17.6	57.2	26.1	171.2	19	6010	35



CHAKRA (Tractor Trailer)

Tractor Trailer Tyre

- ✓ Extra tread depth ensures longer tyre life
- ✓ Superior tread compound provides less cut & chipping
- ✓ Uniform tread design provides smooth wear

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
9.00-16	TT	16	6.5H	257	923	2761	416	450	137	A6	2300	105	TR 77A



CHAKRA (Harvester Special)

- ✓ **Optimized Tread Design:** Ensures smooth roadability while delivering strong grip and stability in field conditions.
- ✓ **Stubble-Resistant Compound:** Designed to protect against crop stubble, external damages, and punctures during harvesting operations
- ✓ **High Load Carrying Capacity:** Robust construction with a strong sidewall profile supports heavy harvester loads with ease
- ✓ **Uniform Footprint Pressure:** Optimized tread mass distribution ensures even tyre wear and longer service life
- ✓ **Enhanced Durability:** Built for extended performance under demanding agricultural and harvesting applications

Application



TECHNICAL SPECIFICATIONS

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

Note

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