

AGRIFORCE



**ALWAYS
ON THE RIGHT
TRACK**

BKT

GROWING TOGETHER

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BKT stands for sustainable mobility no matter whether your equipment is track-driven or moving on tires.

We are always on the ball when it comes to latest market trends as well as the technological developments of Original Equipment Manufacturers.

Not less important are end user suggestions, requirements, and feedback that we carefully consider when developing solutions to cater for their specific need in manifold applications.





A CORPORATE SNAPSHOT

While the group foundation dates back to the 1950s, Balkrishna Industries Limited (BKT) started its tire business in 1987.

For over 30 years, BKT has successfully focused on specialist segments such as agricultural construction and industrial as well as earthmoving, port and mining, ATV, and gardening applications.

Recent product development adds rubber tracks for agriculture and construction.

BKT HIGHLIGHTS

BKT Headquarters

in Mumbai, India

4 Business Units

in Europe and North America

1995 Production Start

Off-Highway tires

1st tire plant in Aurangabad:

9 acres – 10 MT a day

Today 5 production sites in India:

Waluj, Bhiwadi, Chopanki, Bhuj,

Dombivali (in-house mold plant)

Total area: 480 acres

Total production: 1,150 MT a day

Bhuj main product facilities:

- Finished Product warehouse
- **Rubber track plant**
- Giant OTR tire plant
- Super Solid tire plant
- Agri-radial tire plant

Other Bhuj Facilities:

- Advanced Central R&D Center and specific R&D units
- Testing Ground for tires and tracks
- Carbon Black Manufacturing plant
- Housing Colony
- Social and Community Facilities

Focus on:

- Know-How
- Sustainability
- Research



Advanced Technologies

- Continuous quality improvement
- Continuous equipment upgrade
- Repeatability, automation, x-ray inspection

2021 sales: + 1 billion USD

Total production today:

285,000 MT/year in 2021
360,000 MT/year end of 2022
Forecast 2023: **415,000 MT/year**

2020-2021 Infrastructure Expansion:

- New plant opening in Waluj
- Expansion of Bhuj production site
- Capacity increase in all plants
- New product development
- Investments in Marketing Projects

Markets: Agriculture, Industrial, OTR

- Complete OTR range till 57" Giant tires
EARTHMAX range: 42 patterns in 5 different compounds
- Agriculture: first radial tire AGRIMAX in 2004
Today the AGRIMAX family counts 16 patterns for a total of 372 sizes
- AGRIMAX FORCE for high-power tractors
- AGRIMAX SPARGO as 1st VF radial tire launched in 2013

Over 3,200 products, or 849 patterns with numerous sizes

The Carbon Black plant in Bhuj

inaugurated in 2019 and its annexed Carbon Black R&D Center is a **strategic advantage** in times of shortage of key raw material on the global market.

Carbon Black is a main ingredient as **reinforcing filler in rubber compounding**.

Total production of **Carbon Black**: 140,000MT/year

TRACK OR TIRE?

There is no general answer to this question. It mainly depends on where and when you use the equipment.

It also depends on gaining flotation and traction on wet soil or reduced ground disturbance and traction on dirt.



Technically speaking, a rubber track is a system of vehicle propulsion in which a continuous band of treads is driven by two or more wheels plus track rollers.

The main difference between tracks and tires is how they distribute weight, and how this benefits you.

Ask for expert advice to evaluate your specific needs.

BKT TRACK AND TIRE MANUFACTURING

The first step in both track and tire manufacturing processes is compounding. This is when natural or synthetic rubber, carbon black and other substances are blended to create specific compounds for the several tire or track components. Formulation differ in chemical and mechanical properties to provide exactly those specific performance features that you require for your equipment in your application.

For both tracks and tires, rubberized textile or steel-cord layers are assembled together with different components followed by shaping, molding and vulcanization. Building a track has more process stages due its close and flexible loop structure.

RUBBER TRACK TECHNOLOGY

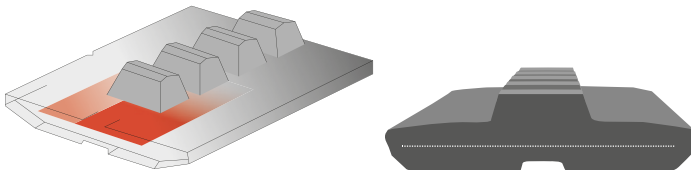
FARMING APPLICATIONS.



Track systems for combines/tractors

Farming tracks have no metal core, a feature that improves flexibility especially on wet and soft soil.

The overall advantages of rubber tracks are enhanced productivity and performance since track-driven tractors can run at higher speeds at the same power and show improved fuel efficiency.



A non-metal-core farming track

AGRIFORCE

BK T71

is BKT's brand-new rubber track series for high-power tractors employed in general tillage and row crop applications.



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BK T71

This brand-new farming track offers the perfect balance of high dimensional stability and flexibility to ensure extraordinary durability in all seasons.



MAIN PERFORMANCE FEATURES of BK T71 in different agricultural applications

Traction capability

Hard and improved surface



Soft surface



Self cleaning



Roading capability on HIS



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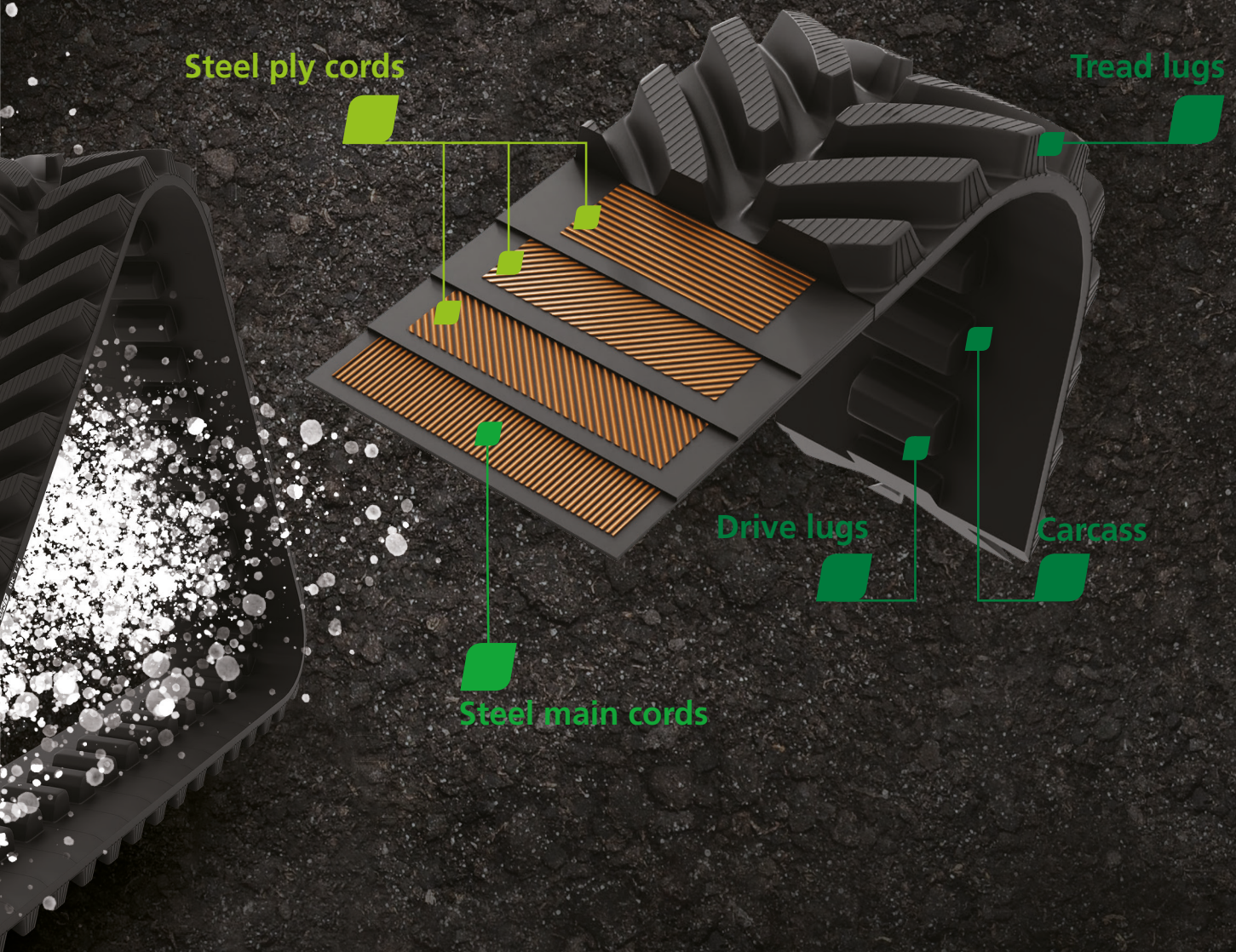
BK T71

The **tread** of this new farming track is made of a high-performance compound that ensures maximum resistance against cuts, tears, and abrasion. While the **tread lugs** provide excellent traction and ride comfort, the **drive lugs** of the positive drive system have an optimized shape for best flexibility.

The **carcass** has a 4-layer ply package made of high-tensile steel cords to minimize uneven load distribution, reducing wear and damage to the inner surface of rubber track.



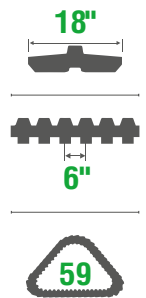
MAIN TRACK COMPONENTS



AGRIFORCE BK T71

AGRIFORCE BK T71 is BKT's brand-new rubber track series for high-power tractors employed in general tillage and row crop applications. The tread is made of a high-performance compound that ensures maximum resistance against cuts, tears, and abrasion. The optimized tread pattern provides excellent traction and ride comfort, whereas the drive lugs of the positive drive system have an optimized shape for best flexibility. In addition, the track carcass has been reinforced with four layers of high-tensile steel cords. As a result, AGRIFORCE BK T71 offers the perfect balance of high dimensional stability and flexibility to ensure extraordinary durability in all seasons.

Farming tracks have no metal core, a feature that improves flexibility especially on wet and soft soil. The overall advantages of rubber tracks are enhanced productivity and performance since track-driven tractors can run at higher speeds in the field at the same power and show improved fuel efficiency.





Technology



Performance





WIDTH	BRAND/ EQUIPMENT	TRACK SIZE	TRACK WIDTH in (mm)	TRACK LENGTH mm	TREAD LUGS			GUIDE LUGS	DRIVE LUGS	CARCASS		
					Qty No's	Height mm	Pitch in (mm)	Qty No's	Qty No's	Plies mm	Main cable size mm	Thickness mm
18" 	Case IH Steiger Rowtrac; New Holland Smart Trax	18" x 6" x 44	18 (457)	6705.6	88	51	6 (152.4)	-	44	3	5.2	35
	-	18" x 6" x 53	18 (457)	8077.2	106	51	6 (152.4)	-	53	3	5.2	35
	-	18" x 6" x 54	18 (457)	8229.6	108	51	6 (152.4)	-	54	3	5.2	35
	-	18" x 6" x 58	18 (457)	8839.2	116	51	6 (152.4)	-	58	3	5.2	35
	-	18" x 6" x 59	18 (457)	8991.6	118	51	6 (152.4)	-	59	3	5.2	35
34" 	-	34" x 6" x 44	34 (864)	6705.6	88	51	6 (152.4)	-	44	3	5.2	37



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