

NEW 70 SERIES - RADIAL AGRICULTURAL TIRES

AGRIMAX*FACTOR*

THE
GROWTH
FACTOR
IS BORN



THE ONLY FACTOR THAT MATTERS

BKT

GROWING TOGETHER

MEGA TRENDS LEAD TO INNOVATION

The current tire market is shaped by numerous mega trends, such as **radialization**, **IF and VF technology**, **sustainability**, and the rise of **Industry 4.0**. Moreover, the emergence of **electric motors** is rapidly changing the landscape. In particular, sustainability has become a topic of widespread concern among consumers and businesses alike. As the tire industry is continuously evolving in response to these trends, it has become more important than ever to stay ahead of the curve.

AGRIMAX*FACTOR*

Behind this backdrop, AGRIMAXFACTOR comes into being: BKT's **brand-new 70 series**, a masterpiece in both **technology** and **aesthetic design**.





IF & VF



Sustainability



Industry 4.0



Electric Tractors



AGRIMAX

USER SATISFACTION AS BASIS OF PRODUCT DEVELOPMENT

BKT introduced its first radial tire, **AGRIMAX**, in 2004. Today, the AGRIMAX family boasts 16 patterns and 372 sizes, making it one of the most comprehensive product lines in the market. Drawing on user feedback and a deep understanding of the evolving market needs, BKT has decided to develop a new tire that merges specific performance requirements, such as **exceptional traction, high load capacity** and **long-lasting durability** along with **superior comfort, excellent handling** and a modern, attractive design.

AGRIMAX*FACTOR* EVOLUTION

BKT focused its development activities to enhance all key performance features. The result is **AGRIMAXFACTOR**, a concentrate of **innovation**.





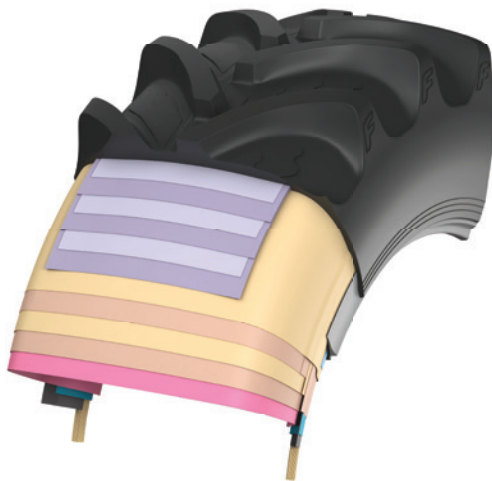
NOT A SINGLE PRODUCT, BUT AN ENTIRE SERIES

AGRIMAXFACTOR

FOCUS TIRE DESIGN

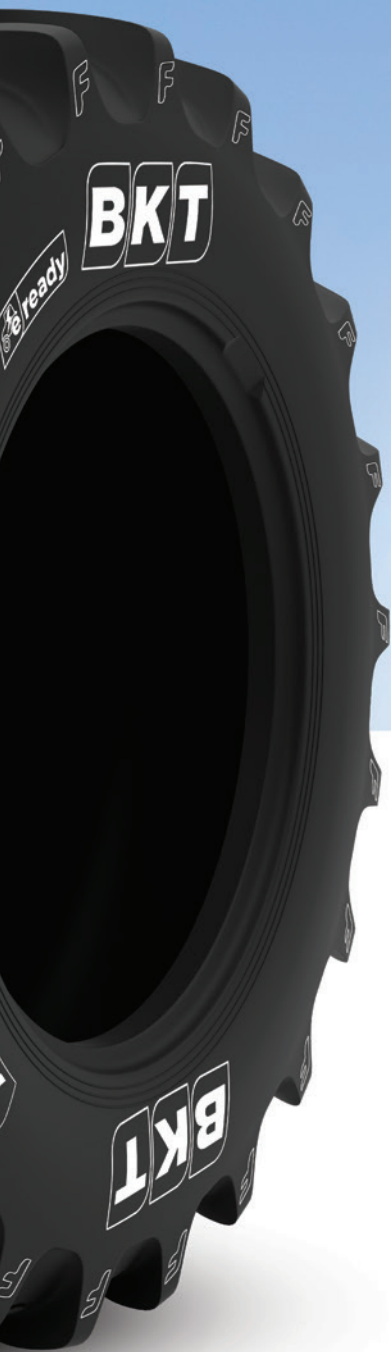
POLYESTER CARCASS

AGRIMAXFACTOR features an extraordinarily **strong polyester carcass**, which provides exceptional **stability in any operating condition**. This is essential when transporting heavy loads at high speeds. Moreover, the **high-performance compound** of particular hardness and specific geometrical characteristics ensures exceptional stiffness resulting in **superior handling** and traction on different surfaces.



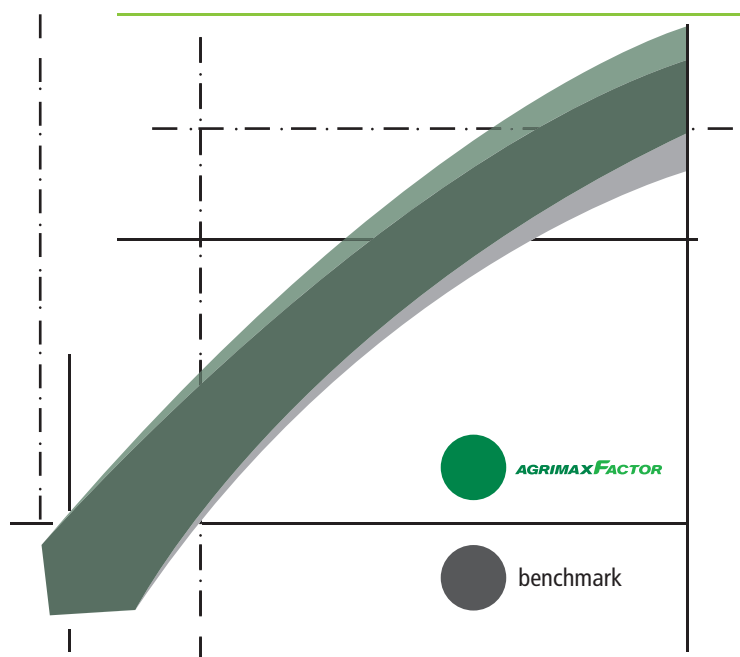
Thanks to its reinforced structure with **multi-ply polyester belts**, AGRIMAXFACTOR stands out for its exceptional dimensional **stability** even under extreme conditions with heavy loads. In combination with an excellent **steering response** in high-speed operations, all these features provide **enhanced control** and **confidence** to the driver making AGRIMAXFACTOR the ideal choice for demanding road applications.





REDUCED ANGLE TO THE CENTER LINE

AGRIMAXFACTOR boasts an **innovative tread pattern** made of longer lugs that are oriented at a slightly reduced angle to the center line with the nose parallel to the tire's rolling direction. These design features significantly enhance the overall tire performance, providing **exceptional traction** and a **smoother ride**. The result is an extremely **comfortable driving** experience, even on rough or uneven terrain.



BKT's performance testing protocol consists of **two** main categories: **objective** and **subjective tests**. Objective tests measure performance parameters such as comfort, durability (endurance), wet surface braking, rolling resistance and handling while subjective testing methods are used to assess comfort, lateral stability, steering response, self-alignment, under-/oversteering and noise. Our focus lies on **handling and comfort that are closely related**, since a comfortable tire is easy to handle and provides a smooth and stable ride. By accurately testing these performance aspects, we ensure that **AGRIMAXFACTOR** meets our high standards for quality and reliability.

FOCUS HANDLING

To assess a tire's handling performance, comparative outdoor tests are conducted by specialized tractor drivers. Standardized testing procedures including various defined conditions and parameters are essential to ensure accurate and reliable results. Due to its **innovative, strong, and uniform casing structure**, **AGRIMAXFACTOR** demonstrates exceptional performance in terms of lateral stability and steering response, especially on sharp curves when towing a trailer or implement. Accordingly, reliable and precise handling makes farmer **confident to have full control of their equipment maximizing operating efficiency**.



**Higher lateral stability
on sharp curves**



Steering Control

**Faster steering
response**



DISCOVER MORE
ABOUT AGRIMAXFACTOR
HANDLING

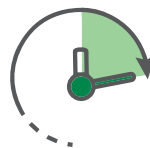


AGRIMAX *FACTOR*

FOCUS ENDURANCE

AGRIMAXFACTOR has undergone rigorous indoor endurance tests, in which it was compared to a benchmark tire spinning at a constant speed of 40 km/h. The test results were impressive with AGRIMAXFACTOR showing a remarkable **+21%-higher endurance value** compared to the benchmark tire. In other words, AGRIMAXFACTOR has a significantly **longer tire life** than the benchmark tire, providing reliable and long-lasting performance even in demanding operating conditions. Thanks to this exceptional durability, **AGRIMAXFACTOR is a cost-effective solution for businesses and operators** who want to optimize their equipment performance and minimize maintenance costs.

+21%



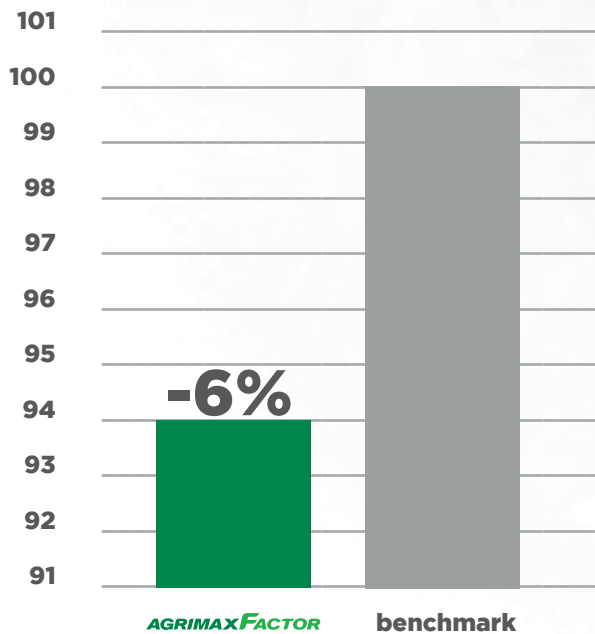
Endurance



DISCOVER MORE ABOUT AGRIMAXFACTOR **ENDURANCE**

FOCUS WET SURFACE BRAKING

The purpose of this comparative test is to measure the front tire's braking distance. To ensure accurate and consistent results, the test is carried out under precisely defined, objective conditions and parameters, including the specific equipment, speed, surface and water layer: The test surface is wetted by using an irrigation system that creates a constant layer of water. The brake pedal is pushed down at the same pressure during each test. Once the vehicle reaches the predetermined speed of 40 km/h, the driver applies the brake exercising a constant pressure until the vehicle comes to a complete stop. In this test again, AGRIMAXFACTOR outperforms the benchmark tire by means of a **6%-shorter braking distance**. An essential aspect that positively influences the overall performance enabling **drivers to stop their equipment quickly and safely even in challenging conditions**.



Braking distance - pressure 1,6 bar



DISCOVER MORE ABOUT AGRIMAXFACTOR
BRAKING DISTANCE



AGRIMAXFACTOR

FOCUS LAND AREA

The innovative technical and geometric features of AGRIMAXFACTOR's tread design results in a by **5%-increased land surface** compared to competitor products, providing several direct benefits: During road transport, drivers can experience a smoother ride and a reduced noise level in the cabin at speeds ranging from 40 to 50 km/h corresponding to the average speed for road transport. Drivers will easily notice the greater comfort and sense improved well-being. The tire's advanced design, indeed, ensures **exceptional ride quality along with reduced noise levels**, making AGRIMAXFACTOR the **best choice** for operators in a wide range of applications.



On/Off Road

Smoother roading



Comfort

Increased comfort



**Reduced noise level in cabin
from 40 to 50km/h**

DISCOVER MORE ABOUT
AGRIMAXFACTOR
LAND AREA

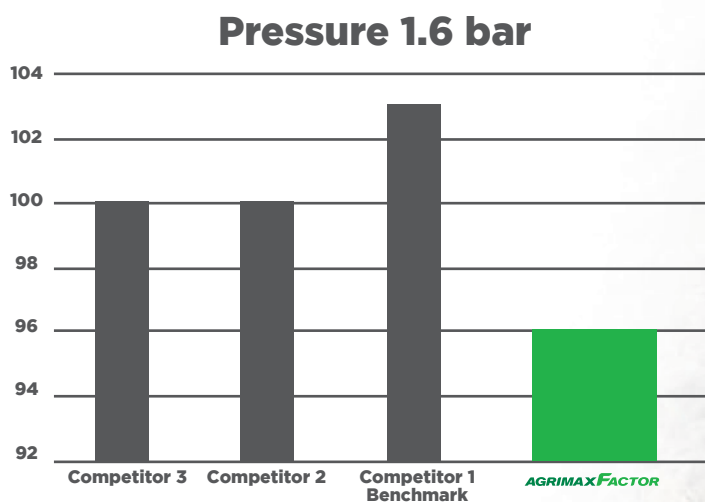


FOCUS COMFORT

To evaluate AGRIMAXFACTOR's performance on uneven terrain, a series of tests were conducted on a simulated obstacle parkour made of wooden boards of different heights simulating the real conditions, in particular vehicle hobbling on a field.

The testing procedure based on the **ISO 5008:2002** standard measures tire comfort by means of sensors placed inside the cabin on the backrest, on the seat and in the pedal area. During the test, the vehicle runs at a constant speed of 16 km/h on tires that are inflated at 1.6 bar, the ideal pressure for road transport.

The lower the value obtained, the better the comfort of the tire. AGRIMAXFACTOR outperformed all competitors in terms of comfort providing an extraordinary driving experience. **Thanks to its exceptional comfort and stability, AGRIMAXFACTOR enables drivers to operate their equipment with confidence and ease, even in challenging conditions.**



At 1.6 bar, AGRIMAXFACTOR shows extraordinarily lower values and beats by far all competitors.



DISCOVER MORE ABOUT AGRIMAXFACTOR
COMFORT



MANY ARE
THE FACTORS
BUT ONLY ONE

AGRIMAX*FACTOR*

FEATURES

Strong Polyester casing with multi-ply polyester belts

Tread pattern optimizing roadability thanks to the reduced lug angle to the center line

Increased land surface

Lower noise level in the cabin

Excellent fuel efficiency

Longer tire life

Exceptional handling and riding comfort

F

AGRIMAX*FACTOR*

A NEW KING IS
**IN THE
FIELDS**







AGGRIMAX FACTOR

AGRIMAXFACTOR

IS MORE THAN
A NEW TIRE,
BUT A NEW
NAME FOR
A NEW TIRE
IDENTITY!

The increasing trend of **electric vehicles** is one of the fundamental changes of our times that implies several challenges for the tire industry. Due to the additional weight of batteries and electric motors, a stronger tire carcass providing increased load capacity is needed. The higher torque levels of electric vehicles have an impact on tire wear and performance. An adaptation of both the tread pattern and tread compound is therefore needed. In addition, the tire structure, particularly the **sidewall**, must be adapted to meet the specific performance requirements of electric vehicles.

AGRIMAXFACTOR combines and embodies all these changes and is ready to master all challenges in this rapidly changing automotive landscape boasting high performance and reliability.



As a result of all evolution steps in the product development, indeed, **AGRIMAXFACTOR is e-ready.**



Another striking particularity of the new AGRIMAXFACTOR is its exclusive sidewall design with an eye-catching large "F" for "factor" in a dynamic shape repeated on each lug area. Moreover, the perfectly aligned "E-READY" logo highlights **BKT's commitment to electric mobility.**

In a nutshell, AGRIMAXFACTOR stays ahead of the curve in view of all the latest trends and is the top choice for customers across a wide range of applications.

AGRIMAXFACTOR

AGRIMAXFACTOR is BKT's brand-new 70 series for tractors that is perfect for both haulage and soil tillage operations. The improved tread design with further increased lug length and changed lug orientation stands for better roadability. The reduced lug angle ensures less rolling resistance, whilst the by 5 % increased contact area on the land significantly reduced the noise perception in the cabin - both features stand for more comfort. In addition, the strong polyester casing provides extraordinary lateral stability and a faster steering response even for high-speed operations or heavyduty service. The tire's braking results on wet surface are excellent. In a nutshell, AGRIMAXFACTOR's overall advantages are great handling in combination with under many aspects extraordinary driving comfort in addition to excellent durability - all particular requirements by increasingly heavier machinery including the higher weight of e-vehicles' battery packages. The exclusive sidewall shows the perfectly aligned "E-READY" logo that highlights BKT's commitment to electric mobility.



DISCOVER MORE ABOUT AGRIMAXFACTOR TIRE



Radial

R-1W



Technology



e-ready



High Speed



Heavy Duty

Performance



Durability





Stability



Steering Control



Handling and Comfort

∅	Tire size	LI/SS	RIM		S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	SRI (index)	Version
			Rec.	Alt.						
										
24"	380/70 R 24	125 D / 128A8	W 12	W 11 ; W 13	380	1190	538	3524	575	STD
28"	420/70 R 28	133 D/ 136 A8	W 13	W 12 ; W 14 L	418	1349	606	4000	650	STD
	480/70 R 28	140 D/ 143 A8	W 15 L	W 14 L ; W 16 L	479	1421	639	4239	675	STD
	600/70 R 28	157 D/ 160 A8	DW 18 L	DW 20 B	611	1551	714	4667	725	STD
30"	600/70 R 30	152 D/155 A8	DW 20 B	DW 18 L ; W 18 L	611	1602	722	4765	750	STD
34"	480/70 R 34	149 D/ 152 A8	W 15 L	W 14 L ; W 16 L	479	1580	723	4748	750	STD
38"	480/70 R 38	145 D /148 A8	W 15 L	W 14 L ; W 16 L	479	1681	758	5000	800	STD
	520/70 R 38	150 D/ 153 A8	W 16 L	W 15 L ; W 18 L	516	1749	795	5239	825	STD
	580/70 R 38	155 D/ 158 A8	W 18 L	DW18L ; DD18L	577	1827	823	5456	875	STD
	710/70 R 38	166 D/ 169 A8	DW 23 B	-	716	1959	866	5800	925	STD
	710/70 R 38	171 D /174 A8	DW 23 B	DW 25 B	716	1959	-	-	925	STD
	UPCOMINGSIZE	710/70 R 38	175 D/178 A8	DW 23 B	-	716	1959	-	-	925
42"	710/70 R 42	173 D/176 A8	DW 23 B	DW 25 B	716	2061	935	6166	975	STD
	710/70 R 42	176 D/179 A8	DW 23 B	DW 25 B	716	2061	-	-	975	STD

STD: Standard



Corporate Office

Balkrishna Industries Ltd.

BKT HOUSE, C/15, Trade World, Kamala Mills Compound, Senapati Bapat Marg, Lower Parel, Mumbai - 400013, India
Tel: (+91) 22-6666 3800 - Fax: (+91) 22-6666 3898/99 - e-mail: info@bkt-tires.com

BKT Europe srl

Viale Della Repubblica,133
20831 Seregno (MB), Italy
Tel: (+39) 0362 33 03 28
(+39) 0362 32 51 07
Fax: (+39) 0362 23 24 72

BKT USA Inc.

202 Montrose West Ave. Suite 240
Copley, Ohio 44321, USA
Tel: (+1) 330 836 1090
Fax: (+1) 330 836 1091
Toll Free: (+1) 888 660 0662

BKT Tires (CANADA) Inc.

55 York Street, Suite 401
Toronto, Ontario M5J 1R7, Canada
Tel: AG/IND (+1) 514 792 9220
OTR (+1) 780 888 5667
Fax: (+1) 416 229 1711



bkt-tires.com