MICHELIN EVOBIB

RADIAL TIRE

DESIGNED FOR CTIS

THE 2-IN-1 TIRE

AGRICULTURE SEGMENT

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HIGHEST PERFORMANCE UNDER HIGH AND LOW TIRE PRESSURE

1 SOIL PROTECTION

Reduced tire pressure to increase contact area

- Footprint[1] : **+12%** vs MICHELIN AXIOBIB 2
- More lugs on the ground
- Soil compaction is reduced

2 TRACTION

Same traction as lug profile
+15% more traction[2] than a VF hybrid competitor tire. And same traction capacity as a VF lug profile in normal field conditions.

3 ENERGY EFFICIENCY

Improved fuel economy and cost reduction

Improve traction with **low pressure** in the field & ability to operate at **high pressure** on the road. **Up to -7% of fuel saving[3] or 2L/h saved[4]**

TIRE CHARACTERISTICS

ADDITIONAL INFORMATION

VEHICLE EQUIPMENTS

THE RIGHT PRESSURE **AT THE RIGHT TIME**

DESIGNED FOR CTIS

(CENTRAL TIRE INFLATION SYSTEM)

(MORE INFORMATION P.4)

[1] Comparison carried out in Ladoux - France in September 2021, between MICHELIN EVOBIB tire and MICHELIN AXIOBIB 2 tire; Dimension: VF 710/70 R42; Load per tire: 5300 kg; Road speed: 65 km/h; Field speed: 30 km/h. [2] The Very High Flexion (VF) standard allows the tire to carry 40% more load than a standard tire at the same pressure. [3] Comparison carried out in France/Nov 20, between MICHELIN EVOBIB tire & VF hybrid tread pattern competitor tire & MICHELIN AXIOBIB 2 tire, dimension: VF 710/70 R42 ; load per tire: 4300kg, pressure recommended by manufacturers; soil: wet corn stubble. [4] Comparison carried out in France/Nov 20, between MICHELIN EVOBIB tire & VF hybrid tread pattern

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TECHNICAL CHARACTERISTICS

Tire specifications and pressure table. Load per tire in kg.

inches	DESCRIPTION	CAI	e mm	D mm	R' mm	RC mm	Recommended rim	Acceptable rim	Tube [code]	75% internal volume liter	Tread depth mm
30	VF 600/70 R30 165D/161E TL PFO	147406	597	1598	684	4696	DW21B(A)	DW20B(A)	737	468	53

Bar / *Psi*	0.6 / *9*	0.7 / *10*	0.8 / *12*	0.9 / *13*	1 / *15*	1.1 / *16*	1.2 / *17*	1.3 / *19*	1.4 / *20*	1.5 / *22*	1.6 / *23*
Road	-	-	1815	1980	2145	2310	2475	2630	2785	2940	3095
Field low torque	3515	3810	4100	4395	4685	4980	5275	5565	5860	6150	6445
Field high torque	3040	3290	3545	3795	4050	4300	4550	4805	5055	5310	5560

inches	DESCRIPTION	CAI	e mm	D mm	R' mm	RC mm	Recommended rim	Acceptable rim	Tube [code]	75% internal volume liter	Tread depth mm
34	VF 650/60 R34 165D/161E TL PFO	785615	677	1646	705	4841	DW23B (A)	DW24B (A)	-	500	53

Bar / *Psi*	0.6 / *9*	0.7 / *10*	0.8 / *12*	0.9 / *13*	1 / *15*	1.1 / *16*	1.2 / *17*	1.3 / *19*	1.4 / *20*	1.5 / *22*	1.6 / *23*
Road	-	-	1945	2115	2280	2450	2620	2785	2955	3125	3290
Field low torque	3465	3755	4040	4330	4620	4910	5195	5485	5775	6060	6350
Field high torque	2990	3240	3485	3735	3980	4230	4475	4725	4970	5220	5465

inches	DESCRIPTION	CAI	e mm	D mm	R' mm	RC mm	Recommended rim	Acceptable rim	Tube [code]	75% internal volume liter	Tread depth mm
34	VF 650/65 R34 167D/163E TL PFO	667461	679	1707	745	5032	DW23B (A)	DW21B (A)	823	600	53

Bar / *Psi*	0.6 / *9*	0.7 / *10*	0.8 / *12*	0.9 / *13*	1 / *15*	1.1 / *16*	1.2 / *17*	1.3 / *19*	1.4 / *20*	1.5 / *22*	1.6 / *23*
Road	-	-	2110	2300	2490	2680	2870	3060	3245	3435	3625
Field low torque	3830	4150	4470	4790	5110	5400	5690	5975	6260	6540	6815
Field high torque	3310	3585	3860	4140	4415	4665	4915	5165	5410	5650	5885

inches	DESCRIPTION	CAI	e mm	D mm	R' mm	RC mm	Recommended rim	Acceptable rim	Tube [code]	75% internal volume liter	Tread depth mm
42	VF 710/70 R42 179D/175E TL PFO	707510	716	2063	887	6069	DW25B (A)	DW23B (A) MW25B (A)	802	867	55

Bar / *Psi*	0.6 / *9*	0.7 / *10*	0.8 / *12*	0.9 / *13*	1 / *15*	1.1 / *16*	1.2 / *17*	1.3 / *19*	1.4 / *20*	1.5 / *22*	1.6 / *23*
Road	-	-	2770	3020	3275	3525	3775	4015	4255	4495	4735
Field low torque	5305	5745	6190	6630	7075	7515	7955	8400	8840	9285	9725
Field high torque	4580	4960	5345	5725	6110	6490	6870	7255	7635	8020	8400

inches	DESCRIPTION	CAI	e mm	D mm	R' mm	RC mm	Recommended rim	Acceptable rim	Tube [code]	75% internal volume liter	Tread depth mm
42	VF 710/75 R42 181D/178E TL PFO	195834	740	2150	909	6301	DW25B (A)	-	802	950	56

Bar / *Psi*	0.6 / *9*	0.7 / *10*	0.8 / *12*	0.9 / *13*	1 / *15*	1.1 / *16*	1.2 / *17*	1.3 / *19*	1.4 / *20*	1.5 / *22*	1.6 / *23*
Road	-	-	3135	3435	3735	4025	4315	4605	4890	5170	5450
Field low torque	5680	6155	6625	7100	7570	8045	8520	8990	9465	9935	10410
Field high torque	4875	5280	5685	6095	6500	6905	7310	7715	8125	8530	8935

IMPORTANT:
The tire casing is now PFO (Pressure Field Operation), a standard that allows tire manufacturers to increase the load capacity of their tires for field use.
The inflation pressure must always be appropriate for the load per tire and the usage condition road or field.
Our recommendations above are provided subject to changes made after the date of publication of these tables (March 2022).
Technical data is subject to change without prior notice. When using single tire configuration, add 0.4 bar for use on slopes of more than 20%.

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FOCUS : CENTRAL TIRE INFLATION SYSTEM

1 PROTECT YOUR SOIL

The increased surface area of the tire generate less pressure on the soil, thus avoiding compaction and preserving the agronomic yield to its maximal potential.

- Up to **33%** decrease in the pressure applied to the soil [1]

2 REDUCE YOUR COSTS

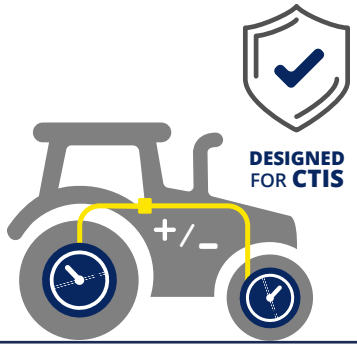
The better pressure management generate less tire wear, less fuel consumption and less working time, also allowing to work in more difficult condition, and therefore optimize the working time of the machine.

- Up to **10%** fuel saving in field use [2]

3 INCREASE YOUR PROFITABILITY

With lower pressure, the vehicle has less effort to do in the field and handles better on the road.
This allows you to be more efficient and work faster.

- Thanks to a **30%** reduction in wheelspin [2]
- Up to **4** working days saved per year [3]



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*WITH **CTIS** IS THE SOLUTION TO EASILY HAVE*
THE RIGHT PRESSURE AT THE RIGHT TIME

[1] Based on TERRANIMO calculations and a field study under real conditions in France in 2020 by the Bern University of Applied Sciences, School of Agricultural, Forestry and Food Sciences HAFL, at the request of Michelin, using a John Deere 7310 tractor with a three-axle trailer. Actual results may vary depending on soil and weather conditions.
[2] Based on a field study conducted in Scotland in 2016, using a Fendt 939 equipped with MICHELIN AXIOBIB IF650/65R34 and MICHELIN AXIOBIB IF710/75R42 and a three-axle Stewart trailer mounted in MICHELIN CARGO. A three-axle Stewart trailer fitted with MICHELIN CARGOXBIB HF600/55R26.5. Soil test conditions: Heavy blue clay. And real-world study in France in 2017 with a Fendt 724 Vario equipped with MICHELIN MACHXBIB 710/55R30 and MICHELIN MACHXBIB 900/50R42 and a GYRAX BMXL 240 trailer equipped with MICHELIN CARGOXBIB HF710/50R26.5. Soil test conditions: clay-limestone. Actual results may vary depending on soil and weather conditions.
[3] Scenario: 1000 hours of use per year, 20% on road and 80% in the field. Time saved = 32 hours = 4 days

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