

# HC 3000. HIGH-FLEX HARVESTER TIRE



# VF TECHNOLOGY FOR HEAVY HARVEST PERFORMANCE

The Mitas HC 3000 range, featuring Very High Flexion (VF) technology, is the ideal tire for demanding harvesting applications such as combines and grain carts in Cyclic Field Operation (CFO).

Its advanced construction enables operation at lower inflation pressures, delivering superior traction and a wider footprint that minimizes soil compaction while preserving soil health. At the same time, it supports higher loads, ensuring machine stability and overall harvesting productivity.

## Key benefits



HIGH LOAD CAPACITY



EXCEPTIONAL TRACTION



HIGH SOIL PROTECTION



EXTENDED LIFESPAN



# TECHNOLOGY YIELDING BEST PERFORMANCE

Featuring advanced VF technology, the HC 3000 operates at lower inflation pressures, delivering exceptional traction efficiency and enabling machines to perform optimally even in the toughest field conditions. Its increased load capacity greatly improves machine balance, allowing for higher productivity with fewer stops. Moreover, the tire's larger footprint offers superior ground protection by minimizing soil compaction, helping to preserve soil health and ensure ideal working conditions.

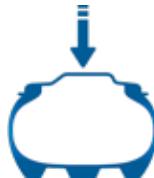
## Hexa-core technology

Tight and secure rim fit due to the hexa-core technology - individual wires are folded and fixed in a hexagonal shape, making the tire bead strong and ensuring high torque transmission.



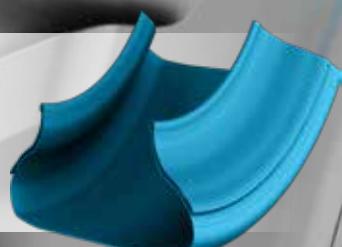
## Flexible sidewalls

Up to 40% more load than a non-VF tire at same pressure – the VF tire's strong carcass absorbs stresses transmitted during operations without compromising sidewalls flexibility.



## VF technology

The VF construction delivers exceptional flexibility, enabling lower operating pressures and a larger footprint in the field. This wider contact area distributes the load more evenly, significantly reducing soil compaction and supporting higher crop yields.



# HC 3000 R. POWERFUL FOR LOADING, LIGHT ON THE SOIL

The HC 3000 R variant features a rounded shoulder design that makes the tire especially gentle on the ground, protecting delicate surfaces such as grassland. This makes it an ideal choice for challenging applications like large-volume spreaders and grain carts, where both performance and soil care are essential.

## **Rounded shoulder design**

The rounded shoulder of the lugs makes it an ideal tire for grassy and muddy terrain, ensuring crop protection and minimizing soil damage.



Tire size	LI/SS	Rims* (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Nominal tire pressure (bar)	Nominal tire load capacity (kg)	Nominal speed (km/h)
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## HC 3000



<b>VF 750/65 R 26 CFO</b>	180 B	DW 27 DW 25 DW 28	777 757 787	1.623	680	4.680	775	2.8	8.000	50
<b>VF 580/80 R 34 CFO</b>	178 B	W 20 W 21 W 18	600 610 580	1.782	755	5.265	850	2.8	7.500	50
<b>VF 800/70 R 38 CFO</b>	193 B	DW 27 B DW 25 B DW 30 B	791 771 821	2.041	893	6.015	975	2.8	11.500	50
<b>VF 520/85 R 42 CFO</b>	177 B	DW 18 DW 16	551 531	1.966	875	5.860	925	2.8	7.300	50
<b>VF 580/85 R 42 CFO</b>	183 B	DW 18 DW 20 DW 21	585 605 615	2.040	920	6.100	975	2.8	8.750	50
<b>VF 710/70 R 42 CFO</b>	190 B	DW 23 B DW 25 B	714 734	2.070	920	6.140	975	3.2	10.600	50
<b>VF 710/70 R 42 CFO</b>	193 B	DW 23 B DW 25 B	715 735	2.083	920	6.140	975	3.6	11.500	50
<b>VF 900/60 R 42 CFO</b>	198 A8	DW 30 B DW 33 B	921 951	2.122	965	6.400	1.025	3.2	13.200	50

## HC 3000 R



<b>VF 1000/55 R 32 CFO</b>	197 A8	DW 36 36.00 VA	1.000	1.899	840	5.650	900	3.2	12.850	40
<b>VF 1000/65 R 32 CFO</b>	200 A8	DW 36 DW 38	1.042 1.062	2.112	940	6.275	975	2.8	14.000	40

*CFO: Cyclic field application (CFO) refers to the harvester's motion when operating with a full grain tank, until the grain is discharged.*

*\* Additional permitted rims may be available on request*

*Full technical data can be found at [www.mitash-tires.com](http://www.mitash-tires.com) or in the Mitas technical catalogue.*

*Tubeless tires - may be used with a tube.*

# Mitas

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