

HC 1000.

ENGINEERED FOR EVERY FIELD APPLICATION.



VERY HIGH FLEXION TIRES FOR ALL SELF-PROPELLED APPLICATION EQUIPMENT

Designed for modern self-propelled application equipment operating in demanding conditions, the HC 1000 range combines Very High Flexion (VF) technology with versatile tire solutions for all seasons and operations. The full product range meets the needs of all application equipment, offering both narrow and wide section width sizes. Narrow section width sizes are engineered for today's high-capacity machines, where heavy loads, tight row spacing, and soil structure preservation create constant challenges. Wide section width sizes are designed to carry the same machines while distributing loads across a larger footprint, minimizing ground pressure during early-season pre-emergence applications.

Across all sizes, a balanced footprint ensures smooth power transfer and reduced slippage, improving efficiency both in the field and on the road. High-speed capability also enables faster travel between fields, supporting productivity when timing is critical.

Engineered for durability, the HC 1000 delivers long service life together with the high load capacity and efficiency required for narrow-row spraying applications.

Key benefits



EXTENDED
LIFESPAN



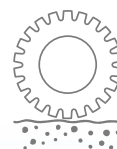
HIGH MAXIMUM
SPEED



MINIMIZED SOIL
COMPACTION



HIGH LOAD
CAPACITY



MAXIMIZED
FLOTATION



HIGH-CAPACITY PERFORMANCE FOR SPEED, LOAD AND PRODUCTIVITY

HC 1000 narrow sizes

are designed to provide excellent traction and cleaning, even in difficult field conditions, while minimizing crop damage and maximizing in field efficiency.



HC 1000 flotation sizes

have a wide flat tread profile for even load distribution to maximize flotation and minimize soil compaction during pre-emergence applications.



Extended lifespan

A greater number of lug pairs combined with the unique casing construction enhances wear resistance and improves the structural integrity of the tire.

High maximum speed

Designed for speeds up to 65kph (40mph). The optimized R1 tread pattern and increased tread to void ratio improves stability and handling in transport making the HC 1000 a superior tire for transport.

High load capacity

Engineered with VF technology, the HC 1000 is designed to carry high loads and allow for the efficient operation of today's row crop sprayer platforms.

VF Technology for reduced soil compaction

VF technology enables higher load capacity at lower inflation pressures, creating a wider footprint that distributes weight more evenly on the ground. This significantly reduces soil compaction, helping to preserve soil structure and protect crop yield potential, while also improving traction and minimizing slippage for optimized fuel consumption.



SIZE RANGE

Tire size	LI/SS	Rims* (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Nominal tire pressure (bar)	Nominal tire load capacity (kg)	Nominal speed (km/h)
VF 270/95R32	148 D	W 9 (W 10)	277 287	1.317	605	4.000	4.0	3.150	40-65
VF 270/95R38 CFO	151 D	W 9 (W 10)	270 280	1479	665	4455	4.0	3.450	40-65
VF 380/80R38 CFO	167 D	DW 12	385	1.568	730	4.790	4.4	5.450	40-65
VF 650/65R38 CFO NRO	180 D	DW 23 B (DW 21 B, DW 20 B)	680 660 650	1801	795	5380	4.0	8.000	40-65
VF 380/90R46 CFO	173 D	DW 13 (DW 12)	398 388	1848	835	5540	4.4	6.500	40-65
VF 380/90R46 CFO	176 D	DW 13 (DW 12)	399 389	1856	838	5550	4.8	7.100	40-65
VF 680/50R46 NRO	179 D	DW 24 B (DW 25 B, DW 23 B)	661 671 651 754	1.848	822	5.480	3.2	7.750	40-65
VF 750/50R46 CFO	183 D (180 E)	DW 27 B (DW 25 B, DW 28 B)	734 764	1.918	850	5.680	3.2	8.750 8.000	40-65 70
VF 750/60R46 CFO NRO	189 D	DW 27 B (DW 25 B, DW 28 B)	764 744 774	2.086	923	6.150	3.2	10.300	40-65
VF 270/95R48 CFO	155 D	W 9 (W 10)	273 283	1.727	790	5.200	4.0	3.875	40-65
VF 320/90R50 CFO	169 D (166 E)	DW 11 (DW 10)	323 313	1.846	830	5.510	4.8	5.800 5.300	40-65 70
VF 380/90R50 CFO	175 D (172 E)	DW 13 (DW 12)	383 373	1.954	885	5.850	4.4	6.900 6.300	40-65 70
VF 420/95R50 CFO	181 D (178 E)	DW 14 (DW 15, DW 13)	420 430 410	2.070	945	6.200	4.4	8.250 7.500	40-65 70
VF 380/105R50 CFO	176 D	DW 13 (DW 12)	400 390	2.042	926	6.200	4.0	7.100	40-65
VF 380/105R50 CFO	179 D	DW 13 (DW 12)	402 392	2.060	926	6.200	4.4	7.750	40-65
VF 480/80R50 CFO	181 D (178 E)	DW 16 L (DW 15 L)	500 490	2.064	910	6.100	4.0	8.250 7.500	40-65 70
VF 320/90R54 CFO	170 D (167 E)	DW 11 (DW 10)	323 313	1.948	882	5.830	4.8	6.000 5.450	40-65 70
VF 320/105R54 CFO	175 D (172 E)	DW 11 (DW 10)	335 325	2.045	920	6.150	4.8	6.900 6.300	40-65 70

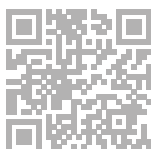
* Further admissible rims on request

NRO: The NRO marking allows VF tyres to use narrower rims which are the same size as used with standard radial tyres in the same dimension. For intensive road transport at 65/50/40/30 km/h the pressure must be increased by 0.4 bar. Maximum inflation pressure should never be exceeded. All load values are valid for ground slopes up to and including 20% (11o). When operating on slopes greater than 20%, please, contact the producer. Tubeless tyres - may be used with a tube.

Subject to technical amendments, printing errors and mistakes in text or illustrations. 0726

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