

## Tractor Radial Tyres – HC 1000

Technical data and load capacities

Tyre size Service description L/SS	Rims* (permit- ted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circum- ference (mm)	Speed radius index	Tyre load capacity (kg) at tyre pressure (bar)							Speed (km/h)
							1,0	1,6	2,4	3,2	3,6	4,0	4,4	
VF 380/90 R 46 173 D	DW 13 L DW 12 L	405 395	1 855	835	5 540	875	2 800	3 875	4 625	5 425	5 775	6 125	6 500 6 500	65 65 Dual
							2 465	3 410	4 070	4 775	5 080	5 390		
VF 380/105 R 50* 176 D	DW 13 L DW 12 L	385 375	2 050	930	6 200	975	3 450	4 625	5 450	6 300	6 900	7 100	65 65 Dual	
							3 036	4 070	4 796	5 544	6 072	6 248		6 248

\* Further admissible rims on request  
\* Calculated

For intensive road transport at 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% (1to). When operating on slopes greater than 20%, please, contact the producer. Tubeless tyres may be used with a tube.


**NEW**

# HC 2000, HC 3000 and HC 1000 New VF (Very High Flexion) tyre line

Mitas Agricultural Tyres



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 MITAS a.s. is fully compliant with the limits on Polycyclic Aromatic Hydrocarbons (PAHs) determined by the European Directive EC/2005/69 and REACH Regulation EC/1907/2006, since December 1st 2009.

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## HC 2000 / HC 3000

LOAD CAPACITY	=====
TRACTION	=====
SOIL PROTECTION	=====
HANDLING ON ROAD	=====
COST EFFICIENCY	=====

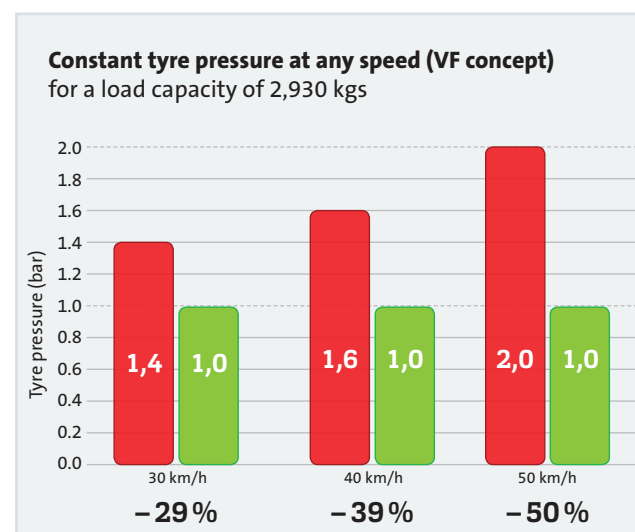
**NEW**

## HC 2000 and HC 3000 – VF tyres for high-horsepower tractors and harvesters

Lower inflation pressure provides **excellent traction efficiency.**

**Better ground protection** thanks to reduced soil compaction.

**Higher load capacity** for higher haulage efficiency.



**NEW**

## HC 1000 – New narrow VF tyre for self-propelled sprayers

More lugs provide **better durability, longer service life and lower operation cost.**

**Higher maximum speed** (65 km/h) for less time on the road.

**Reduced soil compaction** for higher loads thanks to lower inflation pressure.



## HC 1000

LOAD CAPACITY	=====
TRACTION	=====
SOIL PROTECTION	=====
HANDLING ON ROAD	=====
COST EFFICIENCY	=====

## Tractor Radial Tyres – HC 2000

Technical data and load capacities

Tyre size Service description L/S	Rims* (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circum- ference (mm)	Speed radius index	Tyre load capacity (kg) at tyre pressure (bar)								Speed (km/h)
							0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.4	
VF 420/85 R 28* 151 D	DW 15 L DW 14 L	440	1 430	640	4 260	675	1385	1660	2 200 1 935	2 515 2 215	2 830 2 490	3 145 2 765	<b>3 450</b> 3 035		0-65 0-65 Dual
VF 540/65 R 30* 155 D	DW 20 B DW 18 L W 16 L	549	1 464	660	4 410	700	1680	2000	2 625 2 310	2 970 2 615	3 310 2 910	3 620 3 185	<b>3 875</b> 3 410		0-65 0-65 Dual
VF 600/70 R 30 165 D	DW 21 B DW 20 B	603 593	1 595	695	4 690	750	2080	2495	3 305 2 910	3 780 3 325	4 250 3 740	4 725 4 160	<b>5 150</b> 4 530		0-65 0-65 Dual
VF 380/85 R 34* 149 D	DW 13 L DW 12 L	390	1 535	695	4 570	725	1290	1550	2 055 1 810	2 350 2 065	2 645 2 325	2 935 2 585	<b>3 250</b> 2 860		0-65 0-65 Dual
VF 380/95 R 38 154 B	DW 13 L DW 12 L	394 384	1 670	735	4 950	800	1500	1800	2 390 2 100	2 730 2 400	3 070 2 700	3 410 3 000	<b>3 750</b> 3 300		0-50 0-50 Dual
VF 520/85 R 42* 174 B	DW 18 L DW 16 L	552	1 966	895	5 875	925	2300	2760	3 660 3 220	4 180 3 680	4 705 4 140	5 225 4 600	5 750 5 060	<b>6 700</b> 5 895	0-50 0-50 Dual
VF 650/65 R 42* 170 D	DW 23 B DW 21 B	650	1 913	860	5 740	925	2595	3085	4 050 3 565	4 585 4 035	5 105 4 495	5 590 4 920	<b>6 000</b> 5 280		0-65 0-65 Dual
VF 710/70 R 42 179 D	DW 25 B DW 23 B	730 710	2 050	920	6 125	975	3075	3690	4 895 4 305	5 590 4 920	6 290 5 535	6 990 6 150	<b>7 750</b> 6 820		0-65 0-65 Dual
VF 480/80 R 46* 164 D	DW 16 L DW 15 L DW 18 L	479 469 499	1 936	870	5 800	925	2010	2410	3 195 2 810	3 650 3 215	4 110 3 615	4 565 4 015	<b>5 000</b> 4 400		0-65 0-65 Dual
VF 480/95 R 50 170 B	DW 16 L DW 15 L DW 18 L	480 470 500	2 160	970	6 400	1075	2435	2925	3 875 3 410	4 430 3 900	4 985 4 385	5 540 4 875	<b>6 000</b> 5 280		0-50 0-50 Dual
VF 380/105 R 54* 168 B	W 13 L W 12 L	385 375	2 170	990	6 500	1025	1925	2310	3 060 2 695	3 500 3 080	3 935 3 465	4 375 3 850	4 810 4 235	<b>5 600</b> 4 930	0-65 0-65 Dual

## Harvester Radial Tyres – HC 3000

Technical data and load capacities

Tyre size Service description L/S	Rims* (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circum- ference (mm)	Speed radius index	Tyre load capacity (kg) at tyre pressure (bar)							Speed (km/h)	
							1,0	1,2	1,6	2,0	2,4	2,8	3,2		
VF 520/85 R 42 CFO* 177 B	DW 18 L	557	1 966	875	5 850	925	3650	4180	5 800 5 105 7 830	6 150 5 410 8 305	6 700 5 895 8 305	7 300 6 425 9 045	<b>7 900</b> 6 855 9 855		0-50 0-50 Dual 0-15 CFO 0-15 CFO Dual
VF 580/85 R 42 CFO* 183 B	DW 20 B DW 21 B	587 598	2 045	920	6 100	975	4320	5400	6 700 5 895 9 045	7 400 6 510 9 990	8 100 7 130 10 935	<b>8 750</b> 7 700 11 815		0-50 0-50 Dual 0-15 CFO 0-15 CFO Dual	
VF 710/70 R 42 CFO 190 B	DW 23 B DW 25 B	706 726	2 070	920	6 140	975	4980	5600	7 750 6 820 10 465 9 205	8 350 7 350 11 275 9 920	9 000 7 920 12 150 10 690	9 850 8 670 13 300 11 700	<b>10 600</b> 9 330 14 310 12 595		0-50 0-50 Dual 0-15 CFO 0-15 CFO Dual

\* Further admissible rims on request  
\* Calculated

Load values for 0,4 bar and 0,6 bar at 50 km/h are for calculating dual and triple load values only.  
For plowing with single driven tyres in the furrow, a minimum inflation pressure of 0,8 bar is required.  
For intensive road transport at 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% (1to). When operating on slopes greater than 20%, please, contact the producer.  
Load-pressure data for cyclic applications apply to low-torque transport operations at max. speeds of 10 km/h and for a max. distance of 800 meters before discharging the load and returning empty.  
By cyclic application (CFO) is means harvester's motion with full grain tank till its discharging.  
CFO: Cyclic Field Operation  
Tubeless tyres may be used with a tube.

