

Tractor Radial Tyres – HC 2000

Technical data and load capacities

Tyre size Service description LJ/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)
							0.4	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2	4.0	
VF 420/85 R 28 151 D	DW 15 L DW 14 L	440	1 430	640	4 260	675													40–65 30 10 40–65 Dual
							1 385	1 660											
									2 245 2 420 1 935	2 515 2 765 2 215	2 830 3 115 2 490	3 145 3 460 2 765	3 450 3 795 3 035						
VF 540/65 R 30 155 D	DW 20 B DW 18 L W 16 L	549	1 464	660	4 410	700													40–65 30 10 40–65 Dual
							1 680	2 000											
									2 680 2 890 2 310	2 960 3 190 2 550	3 250 3 575 2 860	3 620 3 980 3 185	3 875 4 265 3 410						
VF 540/65 R 30 161 D (158 E)	DW 20 B DW 18 L W 18 L	574 554 554	1 491	660	4 410	700													70 40–65 30 10 40–65 Dual
							1 680	2 000											
									2 650 2 890 2 310	3 000 3 190 2 550	3 295 3 575 2 860	3 550 3 955 3 185	3 875 4 265 3 410	3 875 4 250 3 740	4 250 4 720 4 070				
VF 600/70 R 30 165 D	DW 21 B DW 20 B	603 593	1 595	695	4 690	750													40–65 30 10 40–65 Dual
							2 080	2 495											
									3 370 3 635 2 910	3 855 4 160 3 325	4 335 4 675 3 740	4 820 5 200 4 160	5 255 5 665 4 530						
VF 380/85 R 34 149 D	DW 13 L DW 12 L	390	1 535	695	4 570	725													40–65 30 10 40–65 Dual
							1 290	1 550											
									2 095 2 260 1 810	2 395 2 585 2 065	2 700 2 910 2 325	2 995 3 230 2 585	3 315 3 575 2 860						
VF 420/85 R 34 154 D	DW 14 L DW 15 L	420 430	1 580	710	4 700	750													40–65 30 10 40–65 Dual
							1 505	1 810											
									2 445 2 635 2 110	2 795 3 015 2 410	3 080 3 390 2 710	3 425 3 495 3 015	3 825 4 125 3 300						
NEW VF 540/65 R 34 163 D (160 E)	DW 20 B DW 18 L W 18 L	550 530 530	1 566	705	4 675	750													70 40–65 30 10 40–65 Dual
							2 080												
									2 800 2 780 3 000 2 400	3 150 3 135 3 385 2 710	3 450 3 520 3 795 3 040	3 750 3 880 4 185 3 345	4 125 4 500 4 950 3 630	4 425 4 500 4 875 4 290					
VF 380/95 R 38 154 B	DW 13 L DW 12 L	394 384	1 670	735	4 950	800													40–50 30 10 40–50 Dual
							1 500	1 800											
									2 730 2 785 2 630 2 100	3 070 3 130 3 005 2 400	3 410 3 480 3 375 2 700	3 750 3 825 4 125 3 300							
NEW VF 480/70 R 38 172 D	DW 16 L DW 15 L DW 18 L	486 476 506	1 641	760	5 090	800													40–50 30 10 40–50 Dual
							1 170	1 460											
									3 000 3 060 2 365 1 890	3 350 3 415 3 300 2 640	3 750 3 825 3 685 2 950	4 125 4 210 4 125 3 630	4 500 4 590 4 950 3 960	4 750 5 255 5 665 4 180	5 150 5 710 6 160 4 930	5 600 6 425 6 930 5 545			
VF 520/85 R 42 174 B	DW 18 L DW 16 L	552	1 966	895	5 875	925													40–50 30 10 40–50 Dual
							2 300	2 760											
									4 180 4 265 4 025 3 220	4 705 4 800 4 600 3 680	5 225 5 330 5 175 4 600	5 750 5 865 5 750 5 060	6 300 6 425 6 325 5 545	6 700 6 835 7 370 5 895					
VF 650/65 R 42 170 D	DW 23 B DW 21 B	650	1 913	860	5 740	925													40–65 30 10 40–65 Dual
							2 595	3 085											
									4 585 4 675 4 455 3 565	5 105 5 205 5 045 4 035	5 590 5 700 6 150 4 495	6 000 6 120 6 150 4 920	6 000 6 120 6 600 5 280						
VF 710/70 R 42 179 D	DW 25 B DW 23 B	730 710	2 050	920	6 125	975													40–65 30 10 40–65 Dual
							3 075	3 690											
									4 995 5 385 4 305	5 590 6 415 6 150 4 920	6 290 7 130 6 920 5 535	6 990 7 905 7 690 6 150	7 750 7 905 8 525 6 820						
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													40–65 30 10 40–65 Dual
							2 000	2 410											
									3 650 3 725 3 505 2 800	4 095 4 175 4 015 3 210	4 565 4 655 5 020 3 600	5 000 5 100 5 500 4 015	5 450 5 560 5 995 4 795	5 800 5 915 6 380 5 105	6 500 6 630 7 150 5 720	6 900 7 040 7 590 6 070			
VF 480/80 R 46 175 D	DW 16 L DW 15 L DW 18 L	496 486 516	1 941	870	5 800	925													40–65 30 10 40–65 Dual
							2 000	2 410											
									3 250 3 505 2 800	3 725 4 015 3 210	4 095 4 175 4 505 3 600	4 565 5 100 5 500 4 015	5 000 5 560 5 995 4 795	5 450 5 915 6 380 5 105	6 500 6 630 7 150 5 720	6 900 7 040 7 590 6 070			
VF 480/95 R 50 170 B	DW 16 L DW 15 L DW 18 L	480 470 500	2 160	970	6 400	1 075													40–50 30 10 40–50 Dual
							2 435	2 925											
									4 430 3 955 4 265 3 410	4 985 4 520 4 875 3 900	5 540 5 085 5 485 4 385	6 000 6 120 6 095 4 875	6 000 6 120 6 600 5 280						
VF 380/105 R 54 168 B	W 13 L W 12 L	385 375	2 170	990	6 500	1 075													40–50 30 10 40–50 Dual
							1 925	2 310											
									3 500 3 120 3 365 2 695	3 935 3 570 3 850 3 080	4 375 4 015 4 330 3 465	4 810 4 465 4 815 3 850	5 300 4 905 5 290 4 235	5 600 5 405 5 830 4 665					

Harvester Radial Tyres – HC 3000

Technical data and load capacities

Tyre size Service description LJ/SS	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)
							0.6	0.8	1.0	1.2	1.6	2.0	2.4	2.8	3.2		
NEW VF 1000/65 R 32 CFO® 200 A8	DW 36 DW 38	1 006 1 026	2 113	940	6 275	1 025	5 410 8 300 7 300	7 100 6 250 9 590 8 440	8 000 10 800 9 300 10 690	9 000 12 150 14 310 10 690	10 600 14 310 15 930 12 590	11 800 15 930 16 880 14 020	12 500 16 880 18 900 14 850	14 000 12 320 18 900 16 630	0–50 0–50 Dual 0–15 CFO 0–15 CFO Dual		
NEW VF 580/80 R 34 CFO 178 B	W 20 W 18 W 21	605 585 615	1 790	755	5 265	875	2 815 3 800	3 750 3 300 5 065 4 455	4 250 3 740 5 740 5 050	4 800 4 225 6 480 5 700	5 800 5 105 7 830 6 890	6 300 5 545 8 505 7 485	6 900 6 070 9 315 8 195	7 500 6 600 10 125 8 910	0–50 0–50 Dual 0–15 CFO 0–15 CFO Dual		
VF 520/85 R 42 CFO 177 B	DW 18 L	557	1 966	875	5 850	925			3 650 4 930	4 180 5 645	5 800 5 105 7 830 6 890	6 150 5 410 8 305 7 305	6 700 5 895 9 045 7 960	7 300 6 425 9 855 8 670	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			4 320 5 830	5 400 7 290	6 700 5 895 9 045 7 960	7 400 6 510 9 990 8 790	8 100 7 130 10 935 9 625	8 750 7 700 11 815 10 395	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			4 980 6 720	5 600 7 560	7 750 6 820 10 465 9 205	8 350 7 350 11 275 9 920	9 000 7 920 12 150 10 690	10 600 9 850 14 310 12 595	0–50 0–50 Dual 0–15 CFO 0–15 CFO Dual		



HC 3000

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



HC 2000

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



HC 1000

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

HC 3000 – VF (Very High Flexion) harvester tyres

For Cyclic Field Operation (CFO)



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



Higher load capacity for higher haulage efficiency.



Larger footprint for **better ground protection** and **reduced soil compaction**.

Mitas VF 710/70 R 42 CFO HC 3000
Lower Soil Compaction for sustainable farming.

Standard	710/70 R 42 179A8	VF 710/70 R 42 CFO	800/70 R 38 181A8
Inflation pressure (bar)	3.8	2.8	3.0
Footprint (%)	100	136	127
		 + 36 %	 + 27 %

Inflation Pressures and Footprints at 13 300 kg load/tyre at cyclic field conditions.

HC 2000 – VF (Very High Flexion) tyres

For high-horsepower tractors



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

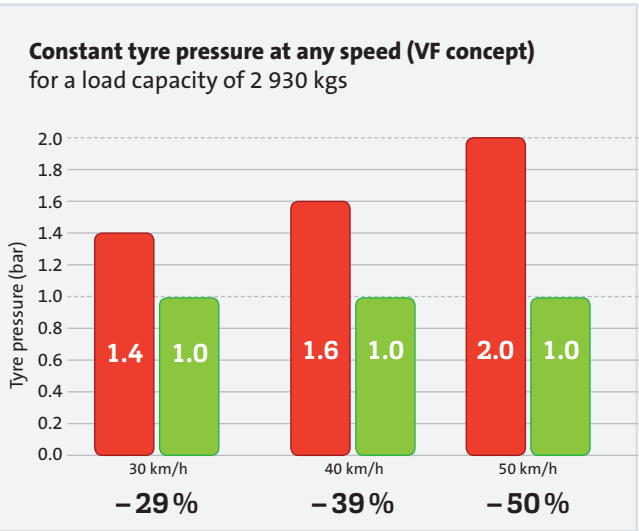


Better ground protection thanks to reduced soil compaction.



Higher load capacity for higher haulage efficiency.

540/65 R 30 Standard
Mitas VF 540/65 R 30 HC 2000



HC 1000 – 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.

