

HC 2000 – Technical data and load capacities

Tyre size Service description U/SS	Rims* (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (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							
							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	432 422	1429	635	4160	675																40–65 30 10				
							1380	1920 1655	2195 1930	2510 2210	2820 2480	3135 2760	3450 3100	3750 3200	4050 3450	4350 3795	4650 4035	4950 4275	5250 4515	5550 4755	5850 5095	6150 5335	6450 5575	6750 5815	7050 6055	7350 6295
VF 540/65 R 30 155 D	DW 20 B DW 18 L W 18 L	570 550 550	1455	650	4430	700																	40–65 30 10			
							1680	2000	2680 2310	2900 2550	3130 2915	3360 3175	3590 3410	3820 3640	4050 3870	4280 4100	4510 4330	4740 4560	4970 4790	5200 5020	5430 5250	5660 5480	5890 5710	6120 5940	6350 6170	6580 6400
VF 540/65 R 30 (158 E)	DW 20 B DW 18 L W 18 L	574 554 554	1461	660	4410	700																	40–65 30 10			
							1680	2000	2680 2310	2900 2550	3130 2915	3360 3175	3590 3410	3820 3640	4050 3870	4280 4100	4510 4330	4740 4560	4970 4790	5200 5020	5430 5250	5660 5480	5890 5710	6120 5940	6350 6170	6580 6400
VF 600/70 R 30 165 D	DW 21 B DW 20 B	625 615	1580	675	4620	750																	40–65 30 10			
							2080	2495	3370 2910	3855 3325	4335 3740	4820 4160	5305 4620	5790 5005	6275 5415	6760 5805	7245 6285	7730 6775	8215 7255	8700 7740	9185 8225	9670 8710	10155 9195	10640 9680	11125 10165	11610 10650
VF 380/85 R 34 149 D	DW 13 DW 12	396 386	1500	678	4500	725																	40–65 30 10			
							1290	1795 1940 1550	2060 2100 1815	2350 2395 2070	2645 2700 2330	2935 2995 2585	3230 3295 2860	3525 3585 3175	3820 3880 3470	4115 4175 3765	4410 4470 4060	4705 4765 4355	5000 5060 4650	5295 5355 4945	5590 5650 5240	5885 5945 5535	6180 6240 5830	6475 6535 6125	6770 6830 6420	7065 7125 6715
VF 420/85 R 34 154 D	DW 15 L DW 14 L	441 431	1570	705	4700	750																	40–65 30 10			
							1505	2100 2265 1810	2395 2445 2110	2740 2795 2410	3080 3140 2710	3425 3495 3015	3750 3825 3300	4050 4125 3600	4350 4425 3900	4650 4725 4200	4950 5025 4500	5250 5325 4800	5550 5625 5100	5850 5925 5400	6150 6225 5700	6450 6525 6000	6750 6825 6300	7050 7125 6600	7350 7425 6900	7650 7725 7200
VF 540/65 R 34 163 D (160 E)	DW 20 B DW 18 L W 18 L	570 550 550	1586	711	4675	750																	40–65 30 10			
							2080	2780 3000 2400	3000 3385 2705	3380 3765 3035	3760 4145 3415	4145 4530 3780	4530 4915 4165	4915 5300 4550	5300 5685 4940	5685 6070 5320	6070 6455 6000	6455 6840 6485	6840 7225 6885	7225 7610 7255	7610 7995 7645	7995 8380 8025	8380 8765 8410	8765 9150 8795	9150 9535 9180	9535 9920 9570
VF 380/95 R 38 154 B	DW 13 DW 12	394 384	1670	735	4950	800																	40–50 30 10			
							1500	2085 2250 1800	2450 2615 2155	2725 2890 2400	3050 3215 2685	3375 3540 3000	3700 3865 3300	4025 4190 3620	4350 4515 3940	4675 4840 4270	5000 5165 4590	5325 5490 4920	5650 5815 5240	5975 6140 5570	6300 6465 5890	6625 6790 6220	6950 7115 6540	7275 7440 6860	7600 7765 7190	7925 8090 7520
VF 480/70 R 38 172 D	DW 16 L DW 15 L DW 18 L	486 476 506	1641	760	5090	800																	40–65 30 10			
							1170	1460	2195 2365 1890	3000 3060 2640	3350 3415 2950	3750 3825 3300	4125 4210 3630	4500 4590 3960	4875 4970 4240	5250 5345 4610	5625 5720 5080	6000 6100 5460	6375 6475 5830	6750 6850 6210	7125 7225 6580	7500 7600 6960	7875 7975 7330	8250 8350 7710	8625 8725 8080	9000 9100 8460
VF 520/85 R 42 174 B	DW 18 L DW 16 L	546 526	1966	890	5870	925																	40–50 30 10			
							2300	2760	3725 4015 3210	4125 4210 3630	4625 4720 4070	5210 5315 4585	5800 5915 5105	6300 6425 5545	6700 6830 6030	7100 7240 6440	7500 7650 6890	7900 8060 7340	8300 8470 7710	8700 8880 8220	9100 9290 8630	9500 9700 9040	9900 10110 9450	10300 10520 9870	10700 10930 10280	11100 11340 10690
VF 650/65 R 42 170 D	DW 23 B DW 21 B	671 651	1910	860	5740	925																	40–65 30 10			
							2595	3085	4050 4130 3565	4585 4675 4035	5105 5205 4495	5590 5700 5020	6000 6120 5280	6425 6565 5740	6850 7000 6300	7275 7430 6730	7700 7870 7170	8125 8300 7620	8550 8740 8060	8975 9180 8510	9400 9620 8960	9825 10060 9480	10250 10500 9920	10675 10930 10390	11100 11370 10830	11525 11800 11260
VF 710/70 R 42 179 D	DW 23 B DW 25 B	710 730	2050	905	6080	975																	40–65 30 10			
							3075	3690	5030 5130 5335 4455	5600 5710 6160 5045	6240 6385 6865 5490	6950 7090 7645 6115	7500 7905 8525 6820	8050 8465 9090 7370	8600 9025 9660 8000	9150 9580 10220 8540	9700 10140 10810 9180	10250 10700 11370 9640	10800 11260 11940 10220	11350 11820 12500 10790	11900 12380 13060 11370	12450 12940 13620 11960	13000 13500 14180 12440	13550 14050 14730 13080	14100 14610 15290 13540	14650 15160 15840 14190
VF 480/80 R 46 164 D	DW 16 L DW 15 L DW 18 L	480 470 500	1940	870	5800	925																	40–65 30 10			
							2000	2410	3185 3250 3505 2805	3650 3725 4015 3210	4095 4175 4505 3605	4565 4640 5005 4005	5000 5100 5500 4500	5450 5560 5995 4795	5800 5915 6380 5105	6200 6330 6800 5720	6600 6750 7220 6000	7000 7160 7630 6300	7400 7570 8040 6700	7800 7990 8460 7200	8200 8400 8870 7500	8600 8810 9280 8000	9000 9220 9690 8300	9400 9630 10110 8700	9800 10040 10520 9400	10200 10450 10930 9600
VF 480/80 R 46 175 D	DW 16 L DW 15 L DW 18 L	496 486 516	1941	870	5800	925																	40–65 30 10			
							2000	2410	3250 3505 2805	3650 4015 3210	4095 4505 3605	4565 5020 4005	5000 5500 4500	5450 5995 4795	5800 6380 5105	6200 6800 5720	6600 7220 6000	7000 7630 6300	7400 8040 6700	7800 8460 7200	8200 8870 7500	8600 9280 8000	9000 9690 8300	9400 10110 8700	9800 10520 9400	10200 10930 10000
VF 480/95 R 50 170 B	DW 16 L DW 15 L DW 18 L	485 475 505	2150	970	6400	1075																	40–50 30 10			
							2440	3390 3655 2925	3850 4235 3390	4375 4485 3850	4840 4935 4260	5400 5510 4750	6000 6120 5280	6500 6620 5800	7000 7125 6300	7500 7630 6700	8000 8135 7300	8500 8640 7700	9000 9145 8300	9500 9650 8700	10000 10155 9300	10500 10660 9700	11000 11165 10300	11500 11670 10700	12000 12175 11300	12500 12675 11700
VF 380/105 R 54 168 B	W 13 W 12	396 388	2145	970	6420	1075																	40–50 30 10			
							2030	2790 3005 2405	3150 3485 2770	3575 3645 3145	4000 4080 3520	4375 4460 4180	4750 4845 4525	5300 5405 4930	5800 5920 5450	6300 6430 5960	6800 6940 6470	7300 7450 7000	7800 7960 7510	8300 8470 8020	8800 8980 8530	9300 9490 9040	9800 10000 9550	10300 10510 10060	10800 11020 10570	11300 11530 11080

* Further admissible rims on request

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 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% (11°). 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 15 km/h and for a max. distance of 800 meters before discharging the load and returning empty.
 By cyclic application (CFO) is mean harvester's motion with full grain tank till its discharging.
 CFO: Cyclic Field Operation
 Tubeless tyres – may be used with a tube.

Trelleborg Wheel Systems 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.

HC 3000 & HC 3000 R – Technical data and load capacities

Tyre size Service description U/SS	Rims* (permitted)	Section width (mm)	Overall diameter (mm)	Loaded static radius (mm)	Rolling circumference (mm)	Speed radius index	Tyre load capacity (kg) at tyre pressure (bar)										Speed (km/h)										
							0.8	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.6												
							0.8	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.6												
VF 750/65 R 26 CFO 180 B	DW 27 DW 25	754 734	1636	680	4700	775																	0–50 0–50 Dual 0–15 CFO Dual				
								4125 3630 5700 4900	4635 4080 6260 5510	5510 4530 6955 6120	6150 5410 8305 7310	6700 5895 9045 7960	7300 6425 9045 8670	7800 7040 10800 9505	8300 7425 11200 9855	8800 8000 11800 10400	9300 8425 12200 10700	9800 8925 13100 11600	10300 9425 14000 12400	10800 9925 14900 13300	11300 10400 15800 14200	11800 10900 16700 15100	12300 11400 17600 16000	12800 11900 18500 16900	13300 12400 19400 17800	13800 12900 20300 18700	14300 13400 21200 19600



HC 3000



HC 3000 R



HC 2000



HC 1000



HC 3000 & HC 3000 R VF 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**.
- 🌱 **HC 3000 R – Gentle to grassland** due to rounded shoulder.

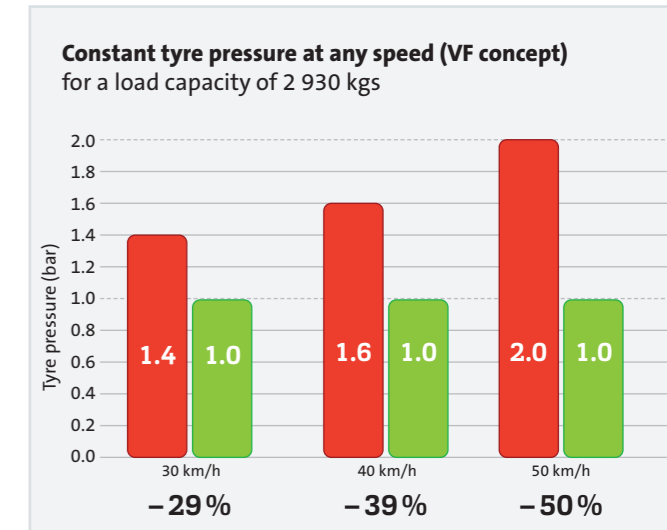
Mitas VF 710/70 R 42 CFO HC 3000
Lower Soil Compaction for sustainable farming.

	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.



HC 1000 Narrow VF tyres 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.

