

PRODUCT DATA SHEET

VHR 3000

Tyre Construction: Radial

Type: Tubeless

Main Applications: Harvester, Floaters, Grain Carts & Spreaders

TRA Code: R-1/R-1W



Salient Features:

Advance VF technology:

- Designed to bear heavy loads, 40% more than standard radial tyre. Due to greater flexion capacity of carcass, the pressure distributes to the ground uniformly.
- Excellent for frequent loading and unloading in cyclic field operation (CFO), ensuring better durability and reliability than standard tyres.

Dual angle lug design with larger contact surface area:

- Optimized dual angle lug shape improves traction and stability
- Strong shoulders with higher draft angle and base radius of lug can withstand heavy loads at low inflation pressure.

Mud Ejector:

- Excellent Self-Cleaning properties.

SR compound (Special Stubble Resistant):

- Longer Tire Life and defense against stubble which provides better protection on field.

High flex carcass with durable Steel belts:

- Maximize the load capacity of the tire at low inflation pressure, preserving the soil.
- SB offers excellent puncture resistance and optimized load distribution.



Technical Data



Size	Recomm. Rim	Alternate Rim	Unloaded Dimension		Static Load Radius	Rolling Circumference	PR & LI/SI	Inflation Pressure	Recommended load (kg) (lbs)										
									Speed (kmph) (mph)										
			Harvester application						Road Transport		CFO		Field application with high and sustained torque						
			bar	10					25	30	40	50	65	70	Upto 15 Cyc.	Upto 30 Cyc.	10HT		
mm	mm	mm	mm	psi	6	16	19	25	31	40	43								
inch	inch	inch	inch																
VF 1000/50R25 CFO (SB SG) *	36.0TH	-	1006	1635	730	4890	184 D / 184 A8	1.0	6010	5620	5570	5460	5460	5460	5010	7400	6200	5570	
								15	13240	12380	12270	12030	12030	12030	11040	16300	13660	12270	
								1.2	6750	6320	6260	6140	6140	6140	5630	8320	6970	6260	
								17	14870	13920	13790	13520	13520	13520	12400	18330	15350	13790	
			39.6	64.4	28.7	192.5		1.6	8250	7730	7650	7500	7500	7500	6880	10160	8510	7650	
								23	18170	17030	16850	16520	16520	16520	15150	22380	18740	16850	
								2.0	9160	8580	8500	8330	8330	8330	7640	11290	9450	8500	
								29	20180	18900	18720	18350	18350	18350	16830	24870	20810	18720	
								2.4	9900	9270	9180	9000	9000	9000	8260	12200	10220	9180	
								35	21810	20420	20220	19820	19820	19820	18190	26870	22510	20220	
VF 750/50R26 CFO (SB SG) *	DW25B	DW27B	734	1410	639	4217	169 D / 169 A8	1.0	3830	3580	3550	3480	3480	3480	3190	4720	3950	3550	
								15	8440	7890	7820	7670	7670	7670	7030	10400	8700	7820	
								1.2	4310	4040	4000	3920	3920	3920	3600	5310	4450	4000	
								17	9490	8900	8810	8630	8630	8630	7930	11700	9800	8810	
			28.9	55.5	25.2	166.0		1.6	5270	4930	4890	4790	4790	4790	4390	6490	5440	4890	
								23	11610	10860	10770	10550	10550	10550	9670	14300	11980	10770	
								2.0	5840	5470	5420	5310	5310	5310	4870	7200	6030	5420	
								29	12860	12050	11940	11700	11700	11700	10730	15860	13280	11940	
								2.4	6380	5970	5920	5800	5800	5800	5320	7860	6580	5920	
								35	14050	13150	13040	12780	12780	12780	11720	17310	14490	13040	
VF 750/65R26 CFO (SB SG)	DW27B	DW25B DW28B	754	1636	733	4893	180 A8	1.0	5040	4720	4670	4580	4200	-	-	6210	5200	4670	
								15	11100	10400	10290	10090	9250	-	-	13680	11450	10290	
								1.2	5670	5300	5250	5150	4720	-	-	6980	5850	5250	
								17	12490	11670	11560	11340	10400	-	-	15370	12890	11560	
			29.7	64.4	28.8	192.6		1.6	6720	6290	6230	6110	5610	-	-	8280	6930	6230	
								23	14800	13850	13720	13460	12360	-	-	18240	15260	13720	
								2.0	7460	6980	6920	6780	6220	-	-	9190	7700	6920	
								29	16430	15370	15240	14930	13700	-	-	20240	16960	15240	
								2.4	8050	7540	7470	7320	6720	-	-	9920	8310	7470	
								35	17730	16610	16450	16120	14800	-	-	21850	18300	16450	
VF 800/65R32 CFO (SB SG)	DW28B	DW27B DW30B	796	1853	835	5542	183 A8	2.8	8800	8240	8160	8000	7340	-	-	10840	9080	8160	
								41	19380	18150	17970	17620	16170	-	-	23880	20000	17970	
								1.0	6280	5880	5820	5710	5240	-	-	7740	6480	5820	
								15	13830	12950	12820	12580	11540	-	-	17050	14270	12820	
			31.3	73.0	32.9	218.2		1.2	7060	6610	6550	6420	5890	-	-	8700	7290	6550	
								17	15550	14560	14430	14140	12970	-	-	19160	16060	14430	
								1.6	8380	7850	7770	7620	6990	-	-	10330	8650	7770	
								23	18460	17290	17110	16780	15400	-	-	22750	19050	17110	
								2.0	9310	8710	8630	8460	7760	-	-	11460	9600	8630	
								29	20510	19190	19010	18630	17090	-	-	25240	21150	19010	
2.4	9630	9010	8930	8750	8030	-	-	11860	9930	8930									
35	21210	19850	19670	19270	17690	-	-	26120	21870	19670									

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Technical Data



Size	Recomm. Rim	Alternate Rim	Unloaded Dimension		Static Load Radius	Rolling Circum- ference	PR & LI/SI	Inflatio n Pressur e	Recommended load (kg) (lbs)										
									Speed (kmph) (mph)										
			Harvester application						Road Transport		CFO		Field application with high and sustained torque						
			SW	OD	mm	mm			bar	10	25	30	40	50	65	70	Upto 15 Cyc.	Upto 30 Cyc.	10HT
			inch	inch	inch	inch			psi	6	16	19	25	31	40	43			
VF 1050/50R32 CFO (SB SG) *	36.00VA (SDC)	-	1038	1863	840	5572	198 D / 198 A8	1.0	7120	6660	6600	6470	6470	6470	5940	8770	7340	6600	
								15	15680	14670	14540	14250	14250	14250	13080	19320	16170	14540	
								1.2	8010	7500	7430	7280	7280	7280	6680	9860	8260	7430	
								17	17640	16520	16370	16040	16040	16040	14710	21720	18190	16370	
								1.6	9790	9170	9080	8900	8900	8900	8170	12060	10100	9080	
								23	21560	20200	20000	19600	19600	19600	18000	26560	22250	20000	
			2.0	10870	10180	10080		9880	9880	9880	9060	13390	11210	10080					
			29	23940	22420	22200		21760	21760	21760	19960	29490	24690	22200					
			2.4	11730	10980	10870		10660	10660	10660	9780	14440	12100	10870					
			35	25840	24190	23940		23480	23480	23480	21540	31810	26650	23940					
			2.8	12840	12020	11900		11670	11670	11670	10710	15810	13250	11900					
			41	28280	26480	26210		25700	25700	25700	23590	34820	29190	26210					
			3.2	13840	12960	12830		12580	12580	12580	11540	17050	14280	12830					
			46	30480	28550	28260		27710	27710	27710	25420	37560	31450	28260					
			3.6	14520	13600	13460		13200	13200	13200	12110	17890	14980	13460					
			52	31980	29960	29650		29070	29070	29070	26670	39410	33000	29650					
VF 580/80R34 CFO (SB SG)	DW20B	-	586	1792	815	5360	178 A8	1.0	4650	4360	4310	4230	3880	-	-	5730	4800	4310	
								15	10240	9600	9490	9320	8550	-	-	12620	10570	9490	
								1.2	5240	4900	4860	4760	4370	-	-	6450	5400	4860	
								17	11540	10790	10700	10480	9630	-	-	14210	11890	10700	
								1.6	6400	5990	5940	5820	5340	-	-	7890	6610	5940	
								23	14100	13190	13080	12820	11760	-	-	17380	14560	13080	
			2.0	7030	6580	6520		6390	5860	-	-	8660	7250	6520					
			29	15480	14490	14360		14070	12910	-	-	19070	15970	14360					
			2.4	7490	7010	6950		6810	6250	-	-	9230	7730	6950					
			35	16500	15440	15310		15000	13770	-	-	20330	17030	15310					
			2.8	8250	7730	7650		7500	6880	-	-	10160	8510	7650					
			41	18170	17030	16850		16520	15150	-	-	22380	18740	16850					
VF 800/55R46 CFO (SB SG)	DW28B	-	794	2067	955	6182	190 D / 190 A8	1.0	6060	5680	5620	5510	5510	5510	5060	7470	6250	5620	
								15	13350	12510	12380	12140	12140	12140	11150	16450	13770	12380	
								1.2	6820	6390	6320	6200	6200	6200	5690	8400	7040	6320	
								17	15020	14070	13920	13660	13660	13660	12530	18500	15510	13920	
								1.6	8340	7810	7730	7580	7580	7580	6950	10270	8600	7730	
								23	18370	17200	17030	16700	16700	16700	15310	22620	18940	17030	
			2.0	9250	8660	8580		8410	8410	8410	7720	11400	9550	8580					
			29	20370	19070	18900		18520	18520	18520	17000	25110	21040	18900					
			2.4	9990	9350	9260		9080	9080	9080	8330	12300	10310	9260					
			35	22000	20590	20400		20000	20000	20000	18350	27090	22710	20400					
			2.8	10930	10240	10140		9940	9940	9940	9120	13470	11280	10140					
			41	24070	22560	22330		21890	21890	21890	20090	29670	24850	22330					
			3.0	11660	10920	10810		10600	10600	10600	9720	14360	12030	10810					
			44	25680	24050	23810		23350	23350	23350	21410	31630	26500	23810					

Note: VF- Very High Flexion, SB - Steel Belted, SG- Stubble Guard, CFO - Cyclical Field Operation
 Note: Sizes marked in * have TRA code as R-1

Note: All tyres confirm to ETRTO standards