




# **SFT CHO** (Cyclic Harvesting Operation)

Power meets flexibility – for the maximum yields of your harvest!

Mitas Agricultural Tyres



 Trelleborg Wheel Systems Czech Republic 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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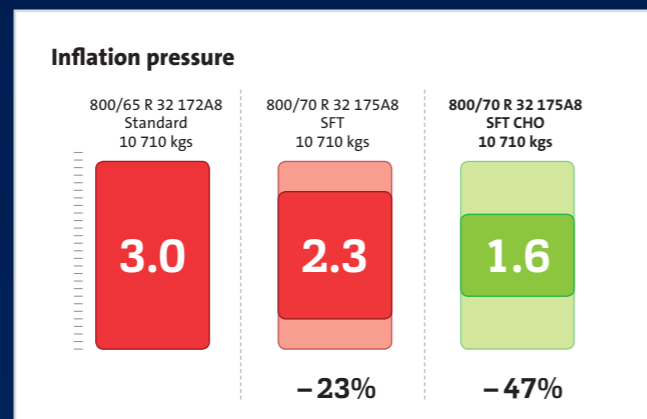
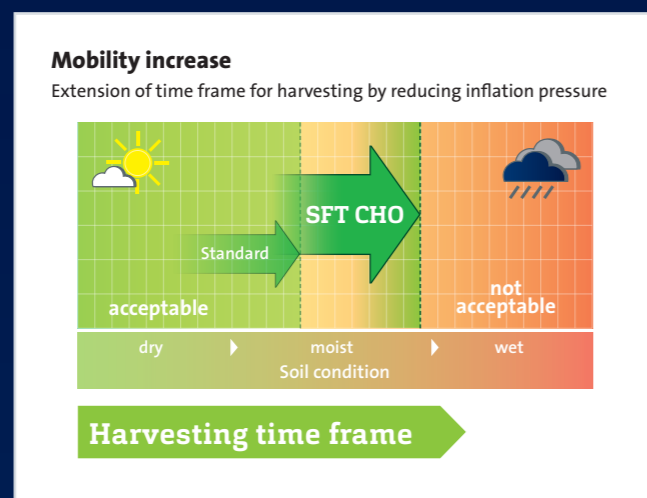
The new harvester tyre SFT CHO (Cyclic Harvesting Operation) has been designed for a maximum load capacity with significantly lower inflation pressure.



With SFT CHO Mitas has designed an extremely powerful tyre for large combine harvesters. SFT CHO is capable of higher maximum loads than more conventional tyres and at the same time the tyre permits higher yields through gentler ground handling in the field and more comfort on the road.

Its outstanding qualities of gentle ground handling extend the time frame for harvesting, as SFT CHO performs excellently even on moist or wet soil conditions.

Cyclic loads by filling and emptying the corn tank vary more than twice. At high inflation pressure this will lead uncompromisingly to soil compaction. The solution is SFT CHO.



### SFT CHO – Cyclic Harvesting Operation

More load at lower tyre pressure

**Reduces soil compaction thanks to a larger footprint!**

- Extending time frame for harvesting

**Minimum inflation pressure during cyclic harvest operation!**

- e.g. 800/70 R 32 SFT CHO 1.6 bar vs. standard tyre 3.0 bar at a load of 10,710 kgs

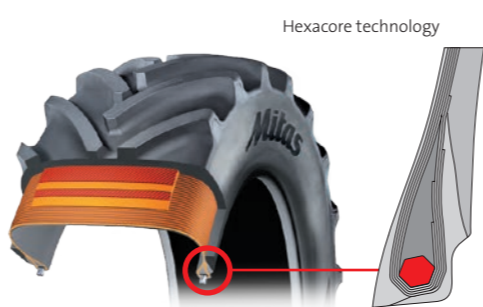
**Higher maximum load capacity!**

- SFT CHO vs. standard tyre SFT at same tyre pressure

**Good driving stability and comfort!**

The optimised sidewall combined with unique hexacore technology provides:

- a safer fit on the rim
- resistance against deformation
- a long service life despite low tyre pressure

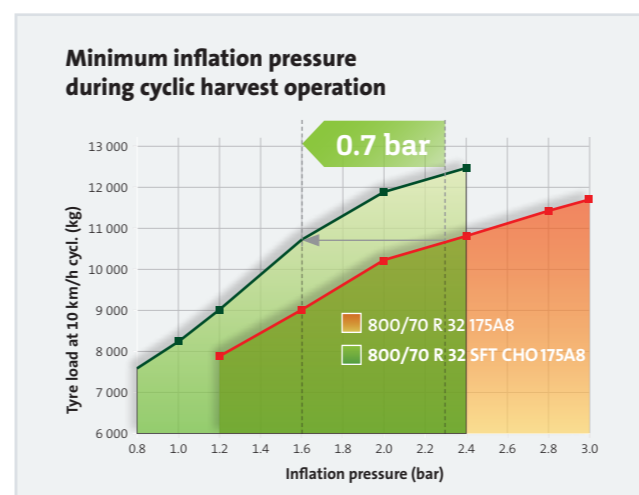
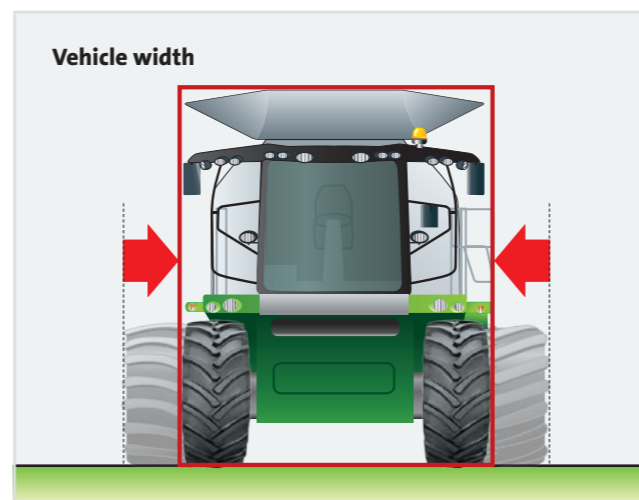
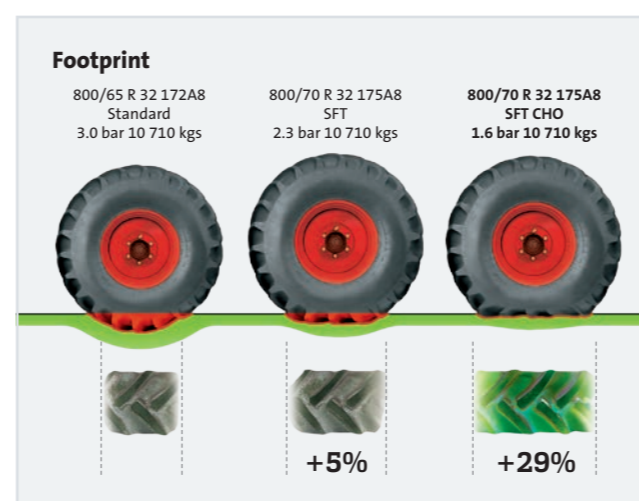


**Fulfils all legal requirements!**

- limited vehicle width

**Use of standard rims!**

No special rims required but standard only



### Drive wheel SFT CHO

Technical data and load capacities

Tyre size Service description LI/SS	Tread pattern	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)
								0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.8	3.2		
680/85 R 32 CHO 178 A8 (175 B)	AC 70 G	DW 20 B DW 21 B DW 23 B	663 673 693	1 960	858	5 865	925	3 775	3 915	3 865	4 230	4 635	5 000	5 515	6 000	6 435	6 900	50	
								4 340	4 345	4 710	5 155	5 650	6 050	6 725	7 215	7 850	8 235	25	
								4 340	4 815	5 240	5 715	6 260	6 705	7 450	7 995	8 695	9 225	20	
800/70 R 32 CHO 175 A8 (172 B)	SFT	DW 25 B DW 27 B	748 768	1 932	845	5 630	925	4 085	4 235	4 180	4 575	5 010	5 450	5 965	6 300	6 660	40		
								4 695	4 700	5 095	5 580	6 115	6 600	7 275	7 660	8 025	30		
								4 695	5 210	5 650	6 180	6 775	7 380	8 060	8 485	8 920	20		
900/60 R 32 CHO 176 A8 (173 B)	SFT	DW 27 B DW 30 B	835 865	1 927	851	5 700	925	4 165	4 315	4 250	4 650	5 020	5 300	5 950	6 500	7 100	50		
								4 320	4 470	4 670	5 110	5 515	5 800	6 535	7 100	7 385	30		
								4 790	4 790	5 185	5 670	6 120	6 440	7 255	7 880	8 200	20		
900/70 R 32 CHO 182 A8 (179 B)	SFT	DW 27 B DW 30 B	881 911	2 061	904	6 075	975	4 940	5 120	5 055	5 530	6 060	6 700	7 215	7 750	8 415	9 250	50	
								5 125	5 285	5 485	5 945	6 465	6 995	7 625	8 095	8 595	30		
								5 675	6 300	6 830	7 475	8 195	8 980	9 750	10 455	11 100	20		
900/70 R 32 CHO 188 A8 (181 B)	SFT	DW 27 B DW 30 B	885 915	2 058	904	6 075	975	4 940	5 055	5 530	6 060	6 700	7 215	7 750	8 415	9 250	50		
								5 125	5 285	5 485	5 945	6 465	6 995	7 625	8 095	8 595	30		
								5 675	6 300	6 830	7 475	8 195	8 980	9 750	10 455	11 100	20		
<b>NEW</b> 1050/50 R 32 CHO*	SFT	36.00 VA 36.00 / 1.7 DW 36 B	1 015	1 890	855	5 640	875	4 200	4 655	4 625	5 000	5 300	5 800	6 300	6 900	7 500	8 200	50	
								4 495	4 985	5 400	5 900	6 210	6 740	7 385	8 025	8 830	9 630	30	
								5 170	5 730	6 205	6 640	7 135	7 750	8 485	9 225	10 150	10 770	20	
<b>NEW</b> 1250/50 R 32 CHO*	SFT	44	1 230 1 190	2 040	890	6 000	975	4 730	5 515	6 210	6 885	7 700	8 500	9 340	10 000	11 035	11 800	50	
								5 060	5 905	6 645	7 365	8 240	9 095	9 995	10 700	11 805	12 625	30	
								5 815	6 785	7 640	8 470	9 470	10 455	11 490	12 300	13 575	14 515	20	
680/80 R 38 CHO 179 D (182 A8)	SFT	DW 21 B DW 20 B DW 23 B	650 640 670	2 053	895	6 070	975	3 345	3 740	4 070	4 580	5 090	5 600	6 125	6 500	7 175	7 750	65	
								3 510	4 100	4 685	5 270	5 855	6 440	7 045	7 475	8 350	9 185	30	
								3 620	4 220	4 825	5 430	6 030	6 635	7 260	7 705	8 505	9 185	25	
800/70 R 38 CHO 178 D (181 A8)	SFT	DW 25 B DW 27 B	766 786	2 042	916	6 090	975	3 825	4 280	4 660	5 170	5 745	6 300	7 020	7 500	8 250	65		
								4 020	4 460	4 895	5 500	6 115	6 825	7 380	7 875	8 665	50		
								4 140	4 685	5 105	5 740	6 380	7 100	7 705	8 250	9 000	40		
800/70 R 38 CHO 181 D (184 A8)	SFT	DW 25 B DW 27 B	766 786	2 042	916	6 090	975	3 825	4 280	4 660	5 170	5 745	6 300	7 020	7 500	8 250	65		
								4 020	4 460	4 895	5 500	6 115	6 825	7 380	7 875	8 665	50		
								4 140	4 685	5 105	5 740	6 380	7 100	7 705	8 250	9 000	40		
900/60 R 38 CHO 178 D (181 A8)	SFT	DW 27 B DW 30 B	860 890	2 060	918	6 115	975	3 895	4 350	4 665	5 170	5 745	6 300	7 020	7 500	8 250	65		
								4 090	4 540	5 110	5 660	6 290	6 900	7 685	8 250	9 000	50		
								4 215	4 765	5 365	5 945	6 605	7 245	8 075	8 625	9 490	30		
900/60 R 38 CHO 181 D (184 A8)	SFT	DW 27 B DW 30 B	860 890	2 060	918	6 115	975	3 895	4 350	4 665	5 170	5 745	6 300	7 020	7 500	8 250	65		
								4 090	4 540	5 110	5 660	6 290	6 900	7 685	8 250	9 000	50		
								4 215	4 765	5 365	5 945	6 605	7 245	8 075	8 625	9 490	30		
680/80 R 42 CHO 180 D (183 A8)	SFT	DW 21 B DW 23 B DW 25 B	660 680 650	2 145	983	6 500	1025	3 495	3 905	4 255	4 785	5 315	5 800	6 415	6 900	7 490	8 000	65	
								3 670	4 280	4 895	5 500	6 110	6 670	7 375	7 935	8 615	9 200	30	
								3 780	4 410	5 040	5 670	6 300	6 875	7 600	8 175	8 875	9 480	25	
800/70 R 42 CHO 182 D (185 A8)	SFT	DW 25 B DW 27 B	774 794	2 160	945	6 320	1 025	3 995	4 470	4 865	5 470	6 080	6 700	7 340	7 750	8 500	65		
								4 200	4 895	5 325	5 990	6 660	7 335	8 035	8 485	9 250	50		
								4 325	5 015	5 530	6 125	6 810	7 465	8 320	8 890	9 775	30		
900/60 R 42 CHO 185 D (186 A8)	SFT	DW 27 B DW 28 B DW 30 B	860 870 890	2 140	965	6 400	1025	4 060	4 545	4 875	5 400	6 005	6 700	7 330	8 000	8 750	65		
								4 265	4 980	5 605	6 210	6 905	7 705	8 430	9 200	10 065	50		
								4 395	5 130	5 775	6 400	7 115	7 940	8 685	9 480	10 370	25		

\* Further admissible rims on request

\* In preparation, please contact Mitas for availability.

Load values for 0.6 bar are for calculating dual and triple load values only. 30 km/h (up to 40 km/h) load values also apply for low-speed high-torque field work. 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% (1:1). 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 (CHO) is meant harvester's motion with full grain tank till its discharging. SFT CHO: Cyclic Harvesting Operation. Tubeless tyres may be used with a tube.