

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.

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www.mitas-tires.com/en-us



SFT CHO (Cyclic Harvesting Operation) Reliability meets flexibility – maximize your yields!

Mitas Agricultural Tires





The SFT CHO (Cyclic Harvesting Operation) Has been designed for maximum load carry capacity with significantly lower inflation pressure.



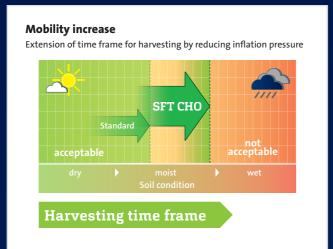
LOAD CAPACITY	
TRACTION	
SOIL PROTECTION	
HANDLING ON ROAD	
COST EFFICIENCY	

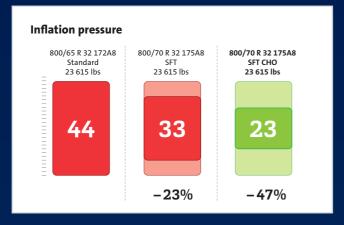
With the SFT CHO series Mitas has developed an extremely reliable tire for large combines and grain handling equipment. SFT CHO is capable of carrying higher maximum loads than standard tires. The SFT CHO is also capable of supporting overload conditions during cyclic harvesting operations.

Its outstanding low ground pressure capability extends the time frame for harvesting as the SFT CHO performs superbly even on moist or wet soil conditions.

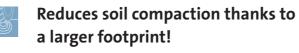
Cyclic loads, by the loading and unloading the grain tank, can vary the tire load by up to 100% requiring a higher inflation pressure leading to increased soil compaction and lower yields.

The solution is the Mitas SFT CHO's design and reliability.





SFT CHO – Cyclic Harvesting Operation More load at lower tire pressure



Extending the time frame for harvesting

Minimize inflation pressure during cyclic harvest operation!

 Lower inflation pressure reduces soil compaction for increased yields. e.g. 800/70 R 32 SFT CHO @ 23 psi vs. standard tire @ 44 psi at a tire load of 23.700 lbs.

High

Higher maximum load capacity!

SFT CHO vs. standard tire SFT at the same air pressure

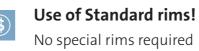
Excellent driving stability and comfort!

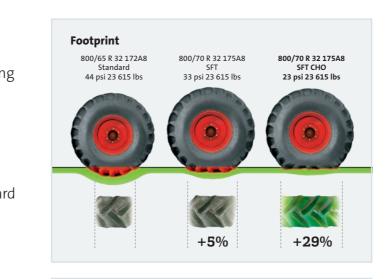
The optimised sidewall combined with **the unique hexacore bead technology** provides:

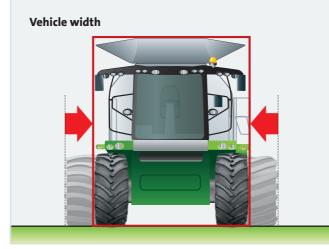
- a tight and secure fit on the rim to prevent slippage
- High-resistance against bead and lower sidewall deformation
- Long reliable service life despite low operating tire pressure

Hexacore technology

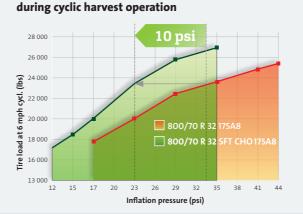








Minimum inflation pressure



Drive wheel SFT CHO

Technical data and load capacities

Tire size Service description LI/SS	Permitted rims*	Tire section width (inch)	Tire outer dia- meter (inch)	Static Ioaded radius (inch)	Rolling circum- ference (inch)	denth	RCI	Flat plate (sq. inch)	Number of lugs x 2	Tire weight (lbs)									Spe (mp	
										()	12	15	17	20	23	29	35	41	46	
												8,520	9,330	10,220	11,030	12,160	13,230	14,190	15,200	3
580/85 R 32 CHO" 178 A8	DW 20 B	26.1	77 3	22.0	220.0	50	47	522	22	6.01	890	9,360	10,240	11,220	12,020	13,360	14,330	15,590	16,500	2
(175 B)	DW 21 B DW 23 B	26.5 27.3	77.2	33.8	230.9	59	47	522	23	681	759 1006	11,510 15,450	12,600 16,900	13,800 18,520	14,780 19,830	16,430 22,040	17,630 23,650	19,170 25,720	20,340 27,290	90
											1006	16,850	18,440	20,210	21,630	24,050	25,800	28,060	29,770	60
800/70 R 32 CHO 175 A8 (172 B)												9,220	10,090	11,050	12,020	13,150	13,900			3
	DW 25 B	29.4	76.1		221 7		47	100			1261	10,120	11,080	12,140	13,230	14,450	15,200			2
	DW 27 B	30.2	76.1	33.3	221.7	69	47	496	22	890	705 925	12,460 16,700	13,630 18,290	14,940 20,030	16,270 21,730	17,770 23,850	18,710 25,100			90
											904	18,220	19,940	21,860	23,700	26,020	27,560			60
												9,370	10,250	11,070	11,690	13,120	14,300			1
900/60 R 32 CHO	DW 27 B	32.9									839	10,300	11,270	12,160	12,790	14,410	15,700			
176 A8 (173 B)	DW 30 B	34.1	75.9	33.5	224.4	71	47	543	22	759	999	12,670	13,860	14,960	15,730	17,730	19,260			
(2755)											1087 17,120	16,990 18,540	18,590 20,270	20,070 21,880	21,100 23,020	23,780 25,940	25,830 28,180			9
											17,120	11,150	12,190	13,360	14,770	15,910	17,100			
	DW 27 B	34.7									11,290	12,250	13,410	14,690	16,100	17,470	18,700			:
900/70 R 32 CHO	DW 30 B	35.9	81.1	35.6	239.2	81	48	651	22	1006	13,890	15,060	16,480	18,070	19,800	21,500	23,050			1
											18,630 20,330	20,210 22,040	22,120 24,120	24,230 26,440	26,560 28,970	28,830 31,470	30,930 33,740			9
											20,000	11,150	12,190	13,360	14,770	15,910	17,090	18,560	20,400	0
900/70 R 32 CHO	DW 27.5	24.0									11,290	12,250	13,410	14,690	16,100	17,470	18,740	20,400	22,000	
188 A8 (185 B)	DW 27 B DW 30 B	34.8 36.0	81.0	35.6	239.2	81	48	651	22	1006	13,890	15,060	16,480	18,070	19,800	21,500	23,050	25,080	27,120	
											18,630	20,210	22,120	24,230	26,560	28,830	30,930	33,660	36,380	9
											20,330	22,040	24,120	26,440 11,690	28,970 12,790	31,470 13,890	33,740 15,210	36,710 16,540	39,690 18,200	6
050/50 R 32 CHO	36.00 VA	40.7									10,260	11,120	12,160	12,790	13,890	15,210	16,540	18,190	19,800	
184 A8	36.00/1.7	40.7	74.8	33.7	222.0	76	46	736	16	1013	12,630	13,680	14,960	15,730	17,090	18,710	20,340	22,380	24,410	:
(181 B)	DW 36 B	40.7									16,930	18,360	20,070	21,100	22,920	25,100	27,290	30,020	32,740	9
											18,480	20,020	21,880 13,810	23,020 15,460	25,000 17,090	27,390 18,740	29,770 20,070	32,740	35,720 24,000	6
250/50 P 22 CHO											12,160	13,690	15,810	16,980	18,740	20,590	22,050	24,330	26,000	
1250/50 R 32 CHO 194 A8 (191 B)	44" 40"	47.2 45.7	79.9	35.0	236.2	81	48	930	17	1261	14,960	16,850	18,680	20,880	23,050	25,340	27,120	29,930	32,010	
	40	45.7									20,060	22,590	25,050	28,010	30,930	33,980	36,380	40,150	42,930	9
											21,880	24,650	27,330	30,560	33,740	37,070	39,690	43,800	46,830	6
	DW 21 D	25.6									8,600	8,970 9,830	10,100 11,060	11,220 12,290	12,350 13,560	13,510 14,780	14,330 15,660	15,820 17,320	17,100 18,700	
580/80 R 38 CHO 179 D	DW 21 B DW 20 B	25.6 25.2	80.8	35.2	239.0	76	48	558	21	705	9,660	11,040	12,430	13,800	15,190	16,610	17,630	19,460	21,020	
(182 A8)	DW 23 B	26.4									12,970	14,810	16,660	18,520	20,370	22,280	23,650	26,110	28,200	9
											14,150	16,160	18,180	20,200	22,230	24,310	25,800	28,480	30,760	6
											9,960	10,370 11,360	11,690 12,790	13,010 14,220	14,330 15,660	15,660 17,090	16,500 18,200			
300/70 R 38 CHO 178 D	DW 25 B	30.2	80.4	36.1	239.8	69	48	674	19	925	11,190	12,760	14,380	16,000	17,630	19,260	20,340			
(181 A8)	DW 27 B	30.9									15,010	17,120	19,280	21,470	23,650	25,830	27,290			9
											16,370	18,680	21,040	23,420	25,800	28,180	29,770			6
800/70 R 38 CHO 181 D (184 A8)											0.000	10,370	11,690	13,010	14,330	15,660	16,540	18,200		
	DW 25 B	30.2	80.4	36.1	239.8	78	48	674	19	904	9,960 11,190	11,360 12,760	12,790 14,380	14,220 16,000	15,660 17,630	17,090 19,260	18,190 20,340	19,800 22,380		
	DW 27 B	30.9	00.4	50.1	255.0	70	40	074	15	504	15,010	17,120	19,280	21,470	23,650	25,830	27,290	30,020		9
											16,370	18,680	21,040	23,420	25,800	28,180	29,770	32,740		6
												10,750	11,740	12,840	13,890	15,400	16,540	18,200		
000/60 R 38 CHO	DW 27 B	33.9	80.9	26.1	240 7	79	10	600	10	022	10,600	11,770	12,870	14,070	15,210	16,870	18,190	19,800		
181 D (184 A8)	DW 30 B	35.0	60.9	36.1	240.7	19	48	698	19	933	11,800 15,820	13,220 17,740	14,440 19,370	15,800 21,190	17,090 22,920	18,940 25,410	20,340 27,290	22,380 30,020		9
											17,250	19,350	21,130	23,120	25,000	27,730	29,770	32,740		6
												10,000	10,850	11,820	12,790	14,150	15,210	16,520	17,600	
580/80 R 42 CHO	DW 21 B	26.0	04.4	20.7	255.0	77	40		22	0.20	10,010	10,940	11,870		14,000	15,490	16,660	18,080	19,300	
180 D (183 A8)	DW 23 B DW 20 B	26.8 25.6	84.4	38.7	255.9	77	49	555	22	839	11,250 15,080	12,290 16,500	13,340 17,900		15,730 21,100	17,400 23,350	18,710 25,100	20,320 27,240	21,700 29,110	9
(·····)											16,460	17,990	19,540		23,020	25,350	27,390	29,720	31,750	6
												10,730	12,060	13,410	14,770	16,120	17,090	18,700		
300/70 R 42 CHO	DW 25 B	30.2									10,280	11,740	13,210		16,170	17,650	18,710	20,400		
182 D (185 A8)	DW 27 B	30.2	85.0	37.2	248.8	79	49	713	20	999	11,530	13,200	14,840	16,490	18,170	19,820	21,020	23,050		
											15,480 16,890	17,700 19,300	19,900 21,710		24,380 26,590	26,590 29,020	28,200 30,760	30,930 33,740		9
											10,050	19,500	11,910		14,770	16,160	17,640	19,300		0
900/60 R 42 CHO	DW 27 B	33.9									10,450		13,040		16,170	17,700	19,320	20,900		1
183 D (186 A8)	DW 28 B	34.3	84.1	38.0	252.0	79	49	774	20	1,087	11,740	13,220	14,640	16,280	18,170	19,880	21,700	23,740		1
	DW 30 B	35.0									15,750	17,740	19,650	21,850	24,380	26,670	29,110	31,840		90
											17,190	19,350	21,430	23,840	26,590	29,090	31,750	34,730		6

* Further admissible rims on request

* Tread pattern AC 70 G

Load-pressure data for cyclic applications apply to low-torque transport operations at max. speeds of 6 mph and for a max. distance of 0.5 mile before discharging the load and returning empty. Note: Cyclic application means the case of combine moving with full grain tank till its discharging. Load values given for 9 psi at 25 mph are for calculating dual and triple load values only. All load values are for maximum indicated speeds at low torque. 19 mph (up to 25 mph) load values also apply for low-speed high-torque field work. For plowing with single driven tires in the furrow. a minimum inflation pressure of 12 psi is required. For intensive road transport at 40/31/25/19 mph the pressure must be increased by 6 psi. Maximum inflation pressure should never be exceeded. All load-speed-pressure data are valid for ground slopes up to and including 20 %. When operating on slopes greater than 20 %. please. contact Mitas. Tubeless tires – may be used with a tube.