



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

Mitas Agricultural Tires



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



SFT CHO (R-1W)

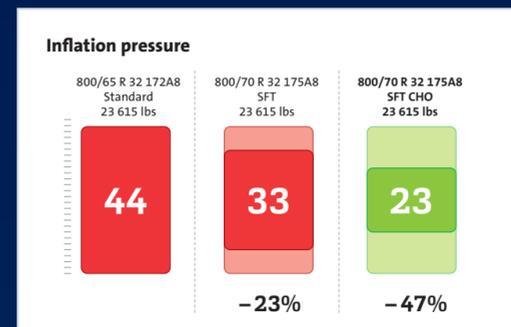
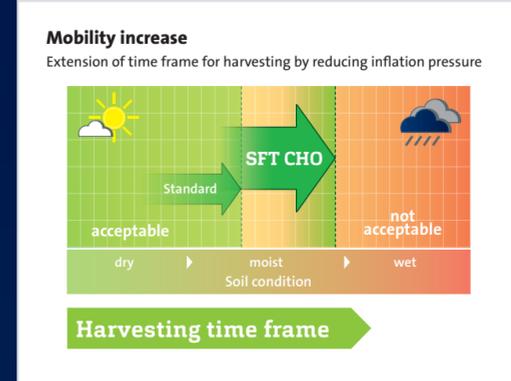
- LOAD CAPACITY: ██████████
- TRACTION: ██████████
- SOIL PROTECTION: ██████████
- HANDLING ON ROAD: ██████████
- COST EFFICIENCY: ██████████

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

Reduces soil compaction thanks to a larger footprint!

- 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.

Higher maximum load capacity!

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

Excellent driving stability and comfort!

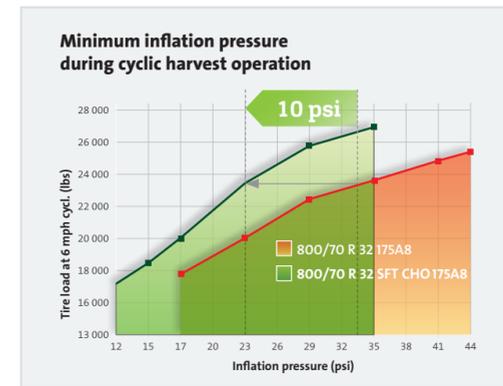
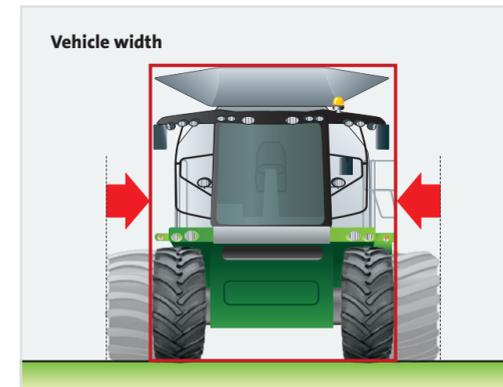
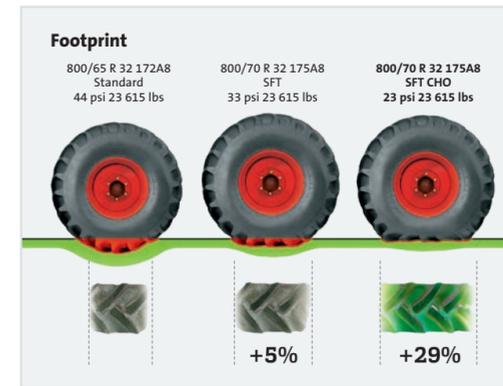
The optimised sidewall combined with the unique hexacore bead technology provides:

- 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



Use of Standard rims!

No special rims required



Drive wheel SFT CHO

Technical data and load capacities

Tire size	Service description L/SS	Permitted rims*	Tire section width (inch)	Tire outer diameter (inch)	Static loaded radius (inch)	Rolling circumference (inch)	Tread depth (32nd)	RCI	Flat plate (sq. inch)	Number of lugs x 2	Tire weight (lbs)	Tire load capacity (lbs) at tire pressure (psi)								Speed (mph)	
												12	15	17	20	23	29	35	41		46
680/85 R 32 CHO*	178 A8 (175 B)	DW 20 B DW 21 B DW 23 B	26.1 26.5 27.3	77.2	33.8	230.9	59	47	522	23	681	890	8,520	9,330	10,220	11,030	12,160	13,230	14,190	15,200	31
												759	11,510	12,600	13,800	14,780	16,430	17,630	19,170	20,340	12
												1006	15,450	16,900	18,520	19,830	22,040	23,650	25,720	27,290	9 CHO
												1006	16,850	18,440	20,210	21,630	24,050	25,800	28,060	29,770	6 CHO
												9,220	10,090	11,050	12,020	13,150	13,900				31
800/70 R 32 CHO	175 A8 (172 B)	DW 25 B DW 27 B	29.4 30.2	76.1	33.3	221.7	69	47	496	22	890	1261	10,120	11,080	12,140	13,230	14,450	15,200		25	
												705	12,460	13,630	14,940	16,270	17,770	18,710		12	
												925	16,700	18,290	20,030	21,730	23,850	25,100		9 CHO	
												904	18,220	19,940	21,860	23,700	26,020	27,560		6 CHO	
												9,370	10,250	11,070	11,690	13,120	14,300				31
900/60 R 32 CHO	176 A8 (173 B)	DW 27 B DW 30 B	32.9 34.1	75.9	33.5	224.4	71	47	543	22	759	839	12,370	13,360	14,460	15,670	16,990	17,700		25	
												999	12,670	13,860	14,960	15,730	17,730	19,260		12	
												1087	16,990	18,590	20,070	21,100	23,780	25,830		9 CHO	
												17,120	18,540	20,270	21,880	23,020	25,940	28,180		6 CHO	
												11,150	12,190	13,360	14,770	15,910	17,100				31
900/70 R 32 CHO	176 A8 (173 B)	DW 27 B DW 30 B	34.7 35.9	81.1	35.6	239.2	81	48	651	22	1006	11,290	12,250	13,410	14,690	16,100	17,470	18,700		25	
												13,890	15,060	16,480	18,070	19,800	21,500	23,050		12	
												18,630	20,210	22,120	24,230	26,560	28,830	30,930		9 CHO	
												20,330	22,040	24,120	26,440	28,970	31,470	33,740		6 CHO	
												12,470	13,810	15,460	17,090	18,740	20,070	22,140		31	
900/70 R 32 CHO	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	11,290	12,250	13,410	14,690	16,100	17,470	18,700		25	
												13,890	15,060	16,480	18,070	19,800	21,500	23,050	25,080	27,120	12
												18,630	20,210	22,120	24,230	26,560	28,830	30,930	33,660	36,380	9 CHO
												20,330	22,040	24,120	26,440	28,970	31,470	33,740	36,710	39,690	6 CHO
												10,200	11,030	11,690	12,790	13,890	15,210	16,540		31	
1050/50 R 32 CHO	184 A8 (181 B)	36.00 VA 36.00 / 17 DW 36 B	40.7 40.7 40.7	74.8	33.7	222.0	76	46	736	16	1013	10,260	11,120	12,160	12,790	13,890	15,210	16,540	18,200	25	
												12,630	13,680	14,960	15,730	17,090	18,710	20,340	22,380	24,410	12
												16,930	18,360	20,070	21,100	22,920	25,100	27,290	30,020	32,740	9 CHO
												18,480	20,020	21,880	23,020	25,000	27,390	29,770	32,740	35,720	6 CHO
												12,470	13,810	15,460	17,090	18,740	20,070	22,140		31	
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	12,160	13,690	15,180	16,980	18,740	20,590	22,050	24,330	26,000	25
												14,960	16,850	18,680	20,880	23,050	25,340	27,120	29,930	32,010	12
												20,060	22,590	25,050	28,010	30,930	33,980	36,380	40,150	42,930	9 CHO
												21,880	24,650	27,330	30,560	33,740	37,070	39,690	43,800	46,830	6 CHO
												8,970	10,100	11,220	12,350	13,510	14,330	15,820		40	
680/80 R 38 CHO	179 D (182 A8)	DW 21 B DW 20 B DW 23 B	25.6 25.2 26.4	80.8	35.2	239.0	76	48	558	21	705	8,600	9,830	11,060	12,290	13,560	14,780	15,660	17,320	18,700	25
												9,660	11,040	12,430	13,800	15,190	16,610	17,630	19,460	21,020	12
												12,970	14,810	16,660	18,520	20,370	22,280	23,650	26,110	28,200	9 CHO
												14,150	16,160	18,180	20,200	22,230	24,310	25,800	28,480	30,760	6 CHO
												10,370	11,690	13,010	14,330	15,660	16,540	18,200			40
800/70 R 38 CHO	178 D (181 A8)	DW 25 B DW 27 B	30.2 30.9	80.4	36.1	239.8	69	48	674	19	925	9,960	11,360	12,790	14,220	15,660	17,090	18,200		25	
												11,190	12,760	14,380	16,000	17,630	19,260	20,340	22,380	12	
												15,010	17,120	19,280	21,470	23,650	25,830	27,290	30,020	32,740	9 CHO
												16,370	18,680	21,040	23,420	25,800	28,180	29,770		6 CHO	
												10,370	11,690	13,010	14,330	15,660	16,540	18,200			40
800/70 R 38 CHO	181 D (184 A8)	DW 25 B DW 27 B	30.2 30.9	80.4	36.1	239.8	78	48	674	19	904	9,960	11,360	12,790	14,220	15,660	17,090	18,200		25	
												11,190	12,760	14,380	16,000	17,630	19,260	20,340	22,380	12	
												15,010	17,120	19,280	21,470	23,650	25,830	27,290	30,020	32,740	9 CHO
												16,370	18,680	21,040	23,420	25,800	28,180	29,770		6 CHO	
												10,370	11,690	13,010	14,330	15,660	16,540	18,200			40
900/60 R 38 CHO	181 D (184 A8)	DW 27 B DW 30 B	33.9 35.0	80.9	36.1	240.7	79	48	698	19	933	10,600	11,770	12,870	14,070	15,210	16,870	18,190	19,800	25	
												11,800	13,220	14,440	15,800	17,090	18,940	20,340	22,380	12	
												15,820	17,740	19,370	21,190	22,920	25,410	27,290	30,020	32,740	9 CHO
												17,250	19,350	21,130	23,120	25,000	27,730	29,770		6 CHO	
												10,000	10,850	11,820	12,790	14,150	15,210	16,520		40	
680/80 R 42 CHO	180 D (183 A8)	DW 21 B DW 23 B DW 20 B	26.0 26.8 25.6	84.4	38.7	255.9	77	49	555	22	839	10,010	10,940	11,870	12,930	14,000	15,490	16,660	18,080	19,300	25
												11,250	12,290	13,340	14,540	15,730	17,400	18,710	20,320	21,700	12
												15,080	16,500	17,900	19,500	21,100	23,350	25,100	27,240	29,110	9 CHO
												16,460	17,990	19,540	21,280	23,020	25,470	27,390	29,720	31,750	6 CHO
												10,730	12,060	13,410	14,770	16,120	17,090	18,700			40
800/70 R 42 CHO	182 D (185 A8)	DW 25 B DW 27 B	30.2 30.9	85.0	37.2																