AC 85 / AC 90 ROW CROP

Narrow tires developed specially for row cultivation

Mitas

AC 85 / AC 90 Row Crop

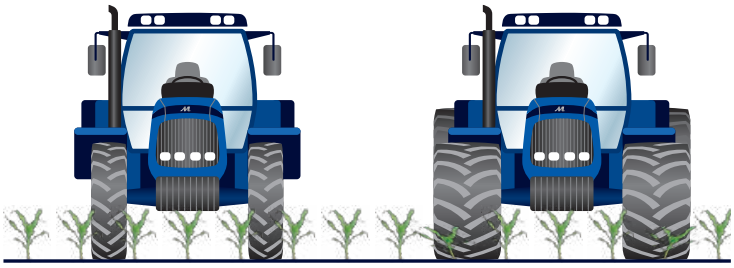
Narrow tires developed specially for row cultivation

- **Reduced tire width** eases driving between plants without causing damage, contributing to higher yields. Rounded shoulders, lugs and tire height also protect crops.
- **Cost-efficient** thanks to durable construction that offers high load capacity and transport speeds up to 65 km/h.
- **Deep lugs** provide **excellent traction,** better directional stability and a high level of control.
- **Good self-cleaning properties** help keep the tread pattern free of mud, resulting in less slip, even in difficult conditions.

AC 85 / AC 90 vs. standard size tires

Narrow Row Crop tires were specially developed for driving between rows without damaging the seeds, roots and plants. They are suitable for line weeding, crop cultivation, fertilising, spraying and other agricultural activities.

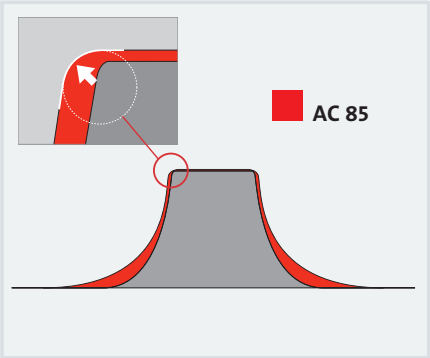
Reduced tire width



Tractor fitted with Mitas narrow tires

Tractor fitted with wide tread-width tires

Rounded lugs



AC 85	
LOAD CAPACITY	●●●
TRACTION	●●●●
CROP PROTECTION	●●●●●
HANDLING ON ROAD	●●●

AC 90	
LOAD CAPACITY	●●●
TRACTION	●●●●
CROP PROTECTION	●●●●●
HANDLING ON ROAD	●●●

Row Crop
Technical data and load capacities

Tire size	Tread pattern	Service descrip-tion LI/SS	Rims* (permitted)	Section width (mm)	Overal diameter (mm)	Loaded static radius (mm)	Rolling circum-ference (mm)	Speed radius index	Tire load capacity (kg) at tire pressure (bar)									Speed (km/h)
									1,2	1,6	2,0	2,4	2,8	3,2	3,6	4,0	4,4	
270/80R32 (repl. 9.5R32)	**AC 90**	131 A8	**W 9**	270	1 225	563	3 690	600		1 150	1 265	1 345	1 470	1 585	1 685	**1 800**		50
		(128 B)	W 10	280					1 035	1 265	1 390	1 480	1 620	1 740	1 855	**1 950**		40
			W 8	260					1 110	1 355	1 485	1 585	1 730	1 865	1 985	2 085		30
									1 275	1 555	1 710	1 820	1 990	2 145	2 280	2 400		20
									1 450	1 770	1 945	2 070	2 265	2 440	2 595	2 730	2 845	10
									1 555	1 900	2 085	2 220	2 425	2 615	2 780	2 925	3 050	10 Cyclic
270/95R32	**AC 85**	136 A8	**W 9**	290	1 348	619	4 015	625		1 450	1 600	1 700	1 865	2 010	2 145	**2 240**		50
		(136 B)	W 10	300					1 190	1 450	1 600	1 700	1 865	2 010	2 145	**2 240**		40
			W 8	280					1 275	1 550	1 710	1 820	1 995	2 155	2 295	2 395		30
									1 465	1 785	1 965	2 090	2 295	2 475	2 640	2 755		20
									1 670	2 030	2 235	2 380	2 610	2 815	3 005	3 135	3 310	10
									1 785	2 175	2 395	2 550	2 795	3 020	3 215	3 360	3 545	10 Cyclic
320/85R32 (repl. 12.4R32)	**AC 85**	142 A8	**W 10**	309	1 365	625	4 035	650		1 710	1 880	2 000	2 190	2 360	2 515	**2 650**		50
		(142 B)	W 11	319					1 400	1 710	1 880	2 000	2 190	2 360	2 515	**2 650**		40
			W 9	299					1 500	1 830	2 010	2 140	2 345	2 530	2 690	2 835		30
									1 725	2 105	2 310	2 460	2 695	2 905	3 095	3 260		20
									1 960	2 395	2 630	2 800	3 065	3 305	3 520	3 710	3 875	10
									2 100	2 570	2 820	3 000	3 285	3 545	3 775	3 975	4 150	10 Cyclic
320/85R32 (repl. 12.4R32)	**AC 85**	145 A8	**W 10**	317	1 368	625	4 035	650		1 710	1 880	2 000	2 190	2 360	2 515	2 650	**2 900**	50
		(145 B)	W 11	327					1 400	1 710	1 880	2 000	2 190	2 360	2 515	2 650	**2 900**	40
			W 9	307					1 500	1 830	2 010	2 140	2 345	2 530	2 690	2 835	3 105	30
									1 725	2 105	2 310	2 460	2 695	2 905	3 095	3 260	3 565	20
									1 960	2 395	2 630	2 800	3 065	3 305	3 520	3 710	4 060	10
									2 100	2 570	2 820	3 000	3 285	3 545	3 775	3 975	4 350	10 Cyclic
320/90R32	**AC 85**	134 A8	**W 10**	331	1 391	638	4 190	675		1 795	1 990	**2 120**						50
		(134 B)	W 11	341					1 575	1 795	1 990	**2 120**						40
			W 9	321					1 690	1 920	2 130	2 270						30
									1 935	2 205	2 445	2 605	(3.0 bar)					20
									2 050	2 335	2 590	2 760	3 180					10
									2 195	2 500	2 770	2 955	3 400					10 Cyclic
320/85R34 (repl. 12.4R34)	**AC 85**	133 A8	**W 10**	326	1 430	650	4 285	675		1 750	1 935	**2 060**						50
		(133 B)	W 11	336					1 445	1 750	1 935	**2 060**						40
			W 9	316					1 545	1 875	2 070	2 205						30
									1 775	2 155	2 380	2 535						20
									2 020	2 450	2 710	2 885	2 995					10
									2 165	2 625	2 905	3 090	3 205					10 Cyclic
270/80R36 (repl. 9.5R36)	**AC 90**	134 A8	**W 9**	270	1 345	623	4 015	650		1 225	1 345	1 435	1 575	1 705	1 825	**1 950**		50
		(131 B)	W 10	280					1 105	1 350	1 480	1 575	1 730	1 875	2 005	**2 120**		40
			W 8	260					1 180	1 440	1 580	1 685	1 850	2 005	2 145	2 270		30
									1 355	1 660	1 820	1 940	2 130	2 305	2 465	2 610		20
									1 545	1 885	2 070	2 205	2 425	2 625	2 805	2 970	3 115	10
									1 655	2 020	2 220	2 365	2 595	2 810	3 005	3 180	3 335	10 Cyclic
13.6R36	**AC 90**	127 A8	**W 12**	360	1 499	692	4 492	725	1 300	**1 600**								50
		(124 B)	W 11	350					1 430	**1 750**								40
									1 530	1 870								30
									1 760	2 150								20
									1 860	2 280	2 630							10
									1 990	2 440	2 830							10 Cyclic
320/85R38 (repl. 12.4R38)	**AC 85**	143 A8	**W 10**	322	1 518	701	4 580	725		1 850	2 050	2 180	2 395	2 585	**2 725**			50
		(143 B)	W 11	332					1 530	1 850	2 050	2 180	2 395	2 585	**2 725**			40
			W 9	312					1 635	1 980	2 195	2 335	2 560	2 765	2 915			30
									1 880	2 275	2 520	2 680	2 945	3 175	3 350			20
									2 140	2 590	2 870	3 050	3 350	3 715	3 815	4 065		10
									2 445	2 960	3 280	3 490	3 590	4 135	4 360	4 645		10 Cyclic

Row Crop
Technical data and load capacities

Tire size	Tread pattern	Service descrip-tion LI/SS	Rims* (permitted)	Section width (mm)	Overal diameter (mm)	Loaded static radius (mm)	Rolling circum-ference (mm)	Speed radius index	Tire load capacity (kg) at tire pressure (bar)									Speed (km/h)
									1,2	1,6	2,0	2,4	2,8	3,2	3,6	4,0	4,4	
340/85R38 (repl. 13.6R38)	**AC 85**	148 A8	**W 11**	355	1 562	719	4 685	750		2 060	2 230	2 360	2 620	2 825	3 010	**3 150**		50
		(148 B)	W 12	365					1 795	2 060	2 230	2 360	2 620	2 825	3 010	**3 150**		40
									1 920	2 205	2 385	2 525	2 800	3 025	3 225	3 370		30
									2 205	2 535	2 745	2 905	3 220	3 475	3 705	3 875		20
									2 515	2 885	3 125	3 305	3 665	3 955	4 215	4 410	4 650	10
									2 695	3 090	3 345	3 540	3 930	4 240	4 520	4 725	4 980	10 Cyclic
650/65R38	**AC 65**	173 D	**W 18 L**	635	1 840	828	5 461	875	3 450	4 125	4 530	4 875	5 300	5 800	6 150	**6 500**		65
		(176 A8)	**DW 18 L**	635					3 625	4 330	4 760	5 120	5 565	6 090	6 460	6 825		50
			DW 20 B	655					3 780	4 500	4 960	5 300	5 800	6 300	6 700	7 100		40
			DW 21 B	665					3 970	4 745	5 210	5 605	6 095	6 670	7 075	7 475		30
									4 245	5 075	5 570	5 995	6 520	7 135	7 565	7 995		20
									4 830	5 775	6 345	6 825	7 420	8 120	8 610	9 100		10
									5 520	6 600	7 250	7 800	8 480	9 280	9 840	10 400		10 Cyclic
300/85R42 (repl. 11.2R42)	**AC 90**	144 A8	**W 9**	288	1 574	740	4 715	750		1 630	1 790	1 905	2 090	2 260	2 410	**2 575**		50
		(141 B)	W 10	298					1 465	1 790	1 965	2 095	2 300	2 485	2 650	**2 800**		40
			W 11	308					1 570	1 920	2 105	2 240	2 460	2 655	2 835	2 995		30
									1 805	2 205	2 420	2 575	2 825	3 055	3 260	3 445		20
									2 055	2 510	2 755	2 935	3 215	3 470	3 695	3 920	4 105	10
									2 200	2 690	2 950	3 145	3 445	3 725	3 975	4 200	4 395	10 Cyclic
300/95R42 (repl. 12.4 - 42)	**AC 90**	147 A8	**W 9**	296	1 617	753	4 904	775		1 785	1 955	2 085	2 290	2 475	2 645	**2 800**		50
		(144 B)	W 10	306					1 605	1 960	2 150	2 290	2 515	2 720	2 905	**3 075**		40
			W 11	316					1 715	2 095	2 300	2 450	2 690	2 910	3 110	3 290		30
									1 970	2 410	2 645	2 815	3 095	3 345	3 575	3 780		20
									2 245	2 745	3 010	3 205	3 520	3 810	4 070	4 305	4 515	10
									2 405	2 940	3 225	3 425	3 770	4 080	4 360	4 615	4 835	10 Cyclic
320/90R42	**AC 85**	151 A8	**W 10**	319	1 643	765	4 970	800	1 700	2 060	2 240	2 430	2 650	2 900	3 075	3 250	**3 450**	50
		(151 B)	W 11	329					1 700	2 060	2 240	2 430	2 650	2 900	3 075	3 250	**3 450**	40
			W 9	309					1 820	2 205	2 395	2 600	2 835	3 100	3 290	3 480	3 690	30
									2 090	2 535	2 755	2 990	3 260	3 570	3 780	4 000	4 245	20
									2 380	2 885	3 135	3 400	3 710	4 060	4 305	4 550	4 830	10
									2 550	3 090	3 360	3 645	3 975	4 350	4 615	4 875	5 175	10 Cyclic
IF 320/90R42	**AC 85**	155 B	**DW 11**	331	1 640	752	4 930	800	2 035	2 500	2 700	2 900	3 150	3 450	3 650	**3 875**		40-50
			DW 10	321					1 790	2 200	2 375	2 550	2 770	3 035	3 210	3 410		40-50 Dual
									2 110	2 600	2 805	3 015	3 275	3 590	3 795	4 030		30
									2 195	2 700	2 915	3 130	3 400	3 725	3 940	4 185		20
									2 335	2 875	3 105	3 335	3 620	3 965	4 200	4 455		10
320/95R46	**AC 85**	152 A8	**W 10**	330	1 770	806	5 298	850		2 240	2 480	2 640	2 895	3 125	3 330	**3 550**		50
		(152B)	W 11	340					1 850	2 240	2 480	2 640	2 895	3 125	3 330	**3 550**		40
			W 9	320					1 980	2 395	2 655	2 825	3 100	3 345	3 565	3 800		30
									2 275	2 755	3 055	3 250	3 560	3 845	4 095	4 365		20
									2 405	2 910	3 475	3 700	4 055	4 375	4 660	4 970	5 140	10
									2 775	3 360	3 720	3 965	4 340	4 685	4 995	5 325	5 505	10 Cyclic
380/90R46 (repl. 14.9R46)	**AC 85**	149 A8	**W 12**	392	1 844	846	5 542	900		2 790	3 060	**3 250**						50
		(149 B)	W 13	402					2 280	2 790	3 060	**3 250**						40
			W 11	382					2 440	2 985	3 275	3 480						30
									2 805	3 430	3 765	4 000	(3.0 bar)					20
									3 195	3 905	4 285	4 550	4 875					10
									3 425	4 185	4 590	4 875	5 200					10 Cyclic
380/90R46 (repl. 14.9R46)	**AC 85**	159 A8	**W 12**	392	1 844	846	5 542	900		2 790	3 060	3 250	3 580	3 870	4 135	**4 375**		50
		(159 B)	W 13	402					2 280	2 790	3 060	3 250	3 580	3 870	4 135	**4 375**		40
			W 11	382					2 440	2 985	3 275	3 480	3 830	4 145	4 425	4 680		30
									2 805	3 430	3 765	4 000	4 405	4 760	5 090	5 380		20
									3 195	3 905	4 285	4 550	5 010	5 420	5 790	6 125	6 420	10
									3 425	4 185	4 590	4 875	5 370	5 810	6 205	6 565	6 880	10 Cyclic

Row Crop
Technical data and load capacities

Tire size	Tread pattern	Service descrip-tion LI/SS	Rims* (permitted)	Section width (mm)	Overal diameter (mm)	Loaded static radius (mm)	Rolling circum-ference (mm)	Speed radius index	Tire load capacity (kg) at tire pressure (bar)									Speed (km/h)
									1,2	1,6	2,0	2,4	2,8	3,2	3,6	4,0	4,4	
270/95R48 (repl. 11.2R48)	**AC 90**	144 A8	**W 9**	277	1 737	810	5 220	850		1 645	1 805	1 920	2 105	2 270	2 415	**2 575**		50
		(141 B)	W 10	287					1 475	1 805	1 980	2 110	2 310	2 495	2 655	**2 800**		40
			W 8	267					1 580	1 930	2 120	2 260	2 475	2 665	2 840	2 995		30
									1 815	2 220	2 435	2 595	2 840	3 065	3 245	3 445		20
									2 070	2 525	2 775	2 955	3 235	3 490	3 720	3 920	4 095	10
									2 215	2 710	2 970	3 165	3 465	3 740	3 985	4 200	4 390	10 Cyclic
340/90R48 (repl. 13.6R48)	**AC 85**	154 A8	**W 11**	348	1 825	843	5 481	875		2 430	2 645	2 800	3 100	3 345	3 565	**3 750**		50
		(154 B)	W 12	358					1 980	2 430	2 645	2 800	3 100	3 345	3 565	**3 750**		40
									2 120	2 600	2 830	2 995	3 315	3 580	3 815	4 015		30
									2 435	2 990	3 250	3 445	3 810	4 115	4 385	4 615		20
									2 575	3 160	3 435	3 640	4 030	4 350	4 635	4 875	5 110	10
									2 970	3 645	3 965	4 200	4 650	5 015	5 345	5 625	5 895	10 Cyclic
320/90R50	**AC 85**	150 A8	**W 11**	325	1 870	873	5 680	900		2 265	2 485	2 650	2 900	3 130	**3 350**			50
		(150 B)	W 9	305					1 855	2 265	2 485	2 650	2 900	3 130	**3 350**			40
			W 10	315					1 980	2 425	2 660	2 830	3 105	3 350	3 585			30
									2 280	2 785	3 055	3 255	3 565	3 850	4 120			20
									2 595	3 170	3 480	3 705	4 060	4 380	4 690	4 925		10
									2 780	3 395	3 730	3 970	4 350	4 695	5 025	5 275		10 Cyclic
380/90R50 (repl. 14.9R50)	**AC 85**	160 A8	**W 12**	380	1 949	888	5 850	950		2 900	3 215	3 450	3 730	4 025	4 290	**4 500**		50
		(160 B)	W 13	390					2 385	2 900	3 215	3 450	3 730	4 025	4 290	**4 500**		40
			W 11	370					2 550	3 105	3 440	3 690	3 990	4 305	4 590	4 815		30
									2 930	3 565	3 955	4 245	4 590	4 950	5 275	5 535		20
									3 335	4 060	4 505	4 830	5 220	5 635	6 005	6 300	6 620	10
									3 575	4 350	4 825	5 175	5 595	6 040	6 435	6 750	7 095	10 Cyclic
320/90R54	**AC 85**	151 A8	**W 11**	325	1 970	917	5 940	950		2 360	2 590	2 760	3 025	3 265	**3 450**			50
		(151 B)	W 9	305					1 930	2 360	2 590	2 760	3 025	3 265	**3 450**			40
			W 10	315					2 070	2 525	2 775	2 955	3 235	3 490	3 690			30
									2 375	2 905	3 190	3 395	3 720	4 015	4 225			20
									2 705	3 305	3 630	3 865	4 235	4 570	4 830	5 135		10
									2 900	3 545	3 890	4 140	4 535	4 895	5 175	5 505		10 Cyclic
380/90R54	**AC 85**	152 A8	**W 12**	380	2 056	945	6 200	1 000	2 485	3 000	3 330	**3 550**						50
		(152 B)	W 13	390					2 485	3 000	3 330	**3 550**						40
			W 11	370					2 655	3 210	3 565	3 800						30
									3 055	3 690	4 095	4 365						20
									3 225	3 900	4 330	4 615	4 800					10
									3 725	4 500	4 995	5 325	5 535					10 Cyclic
380/105R54	**AC 85**	162 D	**W 12**	390	2 160	985	6 520	1 050	2 800	3 450	3 750	4 000	4 375	**4 750**				65
		(164 B)	W 11	380					2 940	3 620	3 940	4 200	4 595	**5 000**				50
			W 13	400					3 070	3 780	4 120	4 380	4 790	5 200				40
									3 220	3 965	4 315	4 600	5 030	5 465				30
									3 920	4 830	5 250	5 600	6 125	6 650				10
									4 200	5 175	5 625	6 000	6 565	7 125				10 Cyclic

* Additional permitted rims may be available on request
Full technical data can be found at www.mitas-tires.com or in the Mitas technical manual.
Tubeless tires – may be used with a tube.

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