

AGROTRON M

600 • 410 • 610 • 615 • 420
620 • 625 • 640 • 650



EVOLVING AGRICULTURE.



TECHNICAL DATA

	Version	AGROTION M	AGROTION M	AGROTION M	AGROTION M	AGROTION M	AGROTION M	AGROTION M	AGROTION M	AGROTION M
		600	410	610	615	420	620	625	640	650
		4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD	4WD
ENGINE		DEUTZ COMMON RAIL 2012 TIER II								
Cylinders/Displacement	no./cm ³	6/6057	4/4038	6/6057	6/6057	4/4038	6/6057	6/6057	6/6057	6/6057
Valves	no.	12	16	12	24	16	12	24	24	24
Aspiration		Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler
Max. power	HP/KW	141/103,5	142/104,5	149/109,5	149/109,5	158/116	166/122	166/122	180/132	192/141
Homologated power at nominal engine speed (2000/25/CE)	HP/KW	132/97	134/98,5	145/106,5	145/106,5	154/113	163/120	163/120	176/129	184/135
Nominal engine speed	rpm	2100	2100	2100	2100	2100	2100	2100	2100	2100
Max. torque	Nm	527	599	574	574	669	655	655	717	749
Max. torque engine speed	rpm	1100-1600	1400	1200-1600	1200-1600	1400	1400-1700	1400-1700	1600	1600
Torque backup	%	30	33	31	31	30	26	26	26	30
Cooling		liquid-oil								
Engine control		electronic								
Air cleaner		dry with safety cartridge and dust ejector								
Silencer underhood		with exhaust on cab upright								
Fuel tank capacity	litres	270	210	270	270	210	270	270	305	305
DIMENSIONS AND WEIGHTS (with rear tyres)		18.4 R 38	18.4 R 38	18.4 R 38	18.4 R 38	650/65 R 38	20.8 R 38	20.8 R 38	20.8 R 38	650/65 R 42
Max. length without link arms	mm	4587	4359	4587	4587	4359	4587	4587	4757	4807
Width	mm	2304	2304	2304	2304	2304	2470	2470	2500	2720
Max. height at cab	mm	2922	2942	2922	2922	3065	2922	2922	2997	3127
Ground clearance	mm	520	520	520	520	520	520	520	570	605
Wheelbase	mm	2647	2419	2647	2647	2419	2647	2647	2767	2817
Front track	mm	1700-1900	1700-1900	1700-1900	1700-1900	1600-1900	1600-1900	1600-1900	1600-1900	1850-1950
Rear track	mm	1600-1850	1600-1850	1600-1850	1600-1850	1800-1900	1800-1900	1800-1900	1814-1906	1865-1980
Minimum steering radius without braking	mm	4950	4585	4950	4950	4585	5013	5013	5013	5800
Weight with cab	kg	5460	5155	5460	5460	5435	5610	5610	5970	6750
TRANSMISSION										
Gearbox clutch		oil immersed, hydrostatically operated								
POWERSHIFT gearbox: 6 ranges for 4 power gears (min. speed: 3.23 km/h)		24 FWD + 24 REV								
POWERSHIFT gearbox: 6 ranges for 4 power gears + creeper (min. speed: 0.40 km/h)		40 FWD + 40 REV								
Max. speed	km/h	50 km/h limited by electronic regulator to 40 km/h* at nominal engine speed and economy engine speed (1840 rpm)								
Hydraulic power shuttle		with double multidisc clutch, oil immersed, electronically operated with control lever under steering wheel								
Rear differential lock		electro-hydraulically operated								
Lubrication		forced with transmission oil cooler								
REAR P.T.O.										
Clutch		multiple discs, oil immersed								
Speed	rpm	540-540 ECON-1000-1000 ECON								
Operation		electro-hydraulically operated, push-button control								
FRONT P.T.O.										
Clutch		multiple discs, oil immersed								
Speed	rpm	1000								
Operation		electro-hydraulically operated, push-button control								
BRAKES AND STEERING										
Braking system		all wheel braking, discs, oil immersed on all 4 wheels, hydrostatically operated hydrostatically operated, integral braking by means of discs, oil immersed on rear wheels, and 4WD engagement								
Trailer braking		hydraulic braking valve pneumatic braking system								
Hydrostatic steering		independent pump, adjustable steering wheel								
Steering angle		52°								
FRONT AXLE										
Type		conventional with hydraulic suspension and automatic adjustment								
Drive engagement		electro-hydraulically operated								
Front differential lock		SBA system: automatic front wheel drive disengagement								
FRONT BALLAST										
Front ballast		ten 40 kg case type weights ballast spacer (330 kg)								
Front mudguards		swivelling								
HYDRAULIC LIFT										
Rear lift		electronically controlled with Radar								
Maximum lifting capacity	kg	6200/9200								
Pump delivery		83 l/min. fixed displacement pump 120 l/min. variable displacement pump with Load Sensing								
Auxiliary hydraulic control valves	no. ways	4/8 with flow regulator, joystick control lever and direct (PowerBeyond) coupler for connection to external control valves								
3 point linkage (link arms and top link)		automatic hitching with link arm swing lock during lifting								
Front lift		double acting cylinders maximum lifting capacity 3200/4000 kg quick fit ballast, 1000 kg								
DRIVING POSITION										
Cab		original sound-proofed (72 dBA), with platform suspended on silent-block, "high visibility" roof, rear wipers, 8 work lights, telescopic rear-view mirrors as above with automatic compensation pneumatic suspension								
Cab conditioning		air conditioning with drinks cooler, ventilation, heating, forced recirculation								
Instruments		analog with digital display								
Driver's seat with safety belt		mechanical adjustment pneumatic suspension, revolving								
HI-PROFILE VERSION										
Multifunction armrest with integral joystick										
Automatic Powershift gearbox										
Auxiliary electrohydraulic control valves										
S.D.S.: programming and storage of repetitive sequences of operations										
I-Monitor available										
New console side for ergonomically comfortable										

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.

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