

AGROTRON

120 · 130 · 150 · 150.7 · 165.7 · 180.7



EVOLVING AGRICULTURE.

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Engine		120	130	150	150.7	165.7	180.7
Liquid-cooled DEUTZ diesel engine type		BF 6 M 2012 C			BF 6 M 1013 EC		
Rated power (ECE R24)	kW/hp	80/109	88/120	107/145	107/145	119/162	120/163
Max. power (ECE R24)	kW/hp	87/118	94/128	110/150	110/150	125/170	125/170
Max. power (2000/25 EC)*	kW/hp	96/131	104/141	118/160	122/166	132/180	134/182
Speed rated/max.power	rpm	2.300/2.000			2.350/2.000		
Cylinders/cubic capacity	No./cm ³	6/6.057			6/7.146		
Bore/stroke	mm	101/126			108/130		
Starting torque	%	128	129	129	133	122	142
Maximum torque	Nm	476	512	590	588	660	775
Constant torque range	1/min	1,600-1,200	1,600-1,100	1,600-1,100	1,600-1,200	1,600-1,000	1,400-1,100
Power at maximum torque	kW/hp	69/94	75/102	98/133	98/133	109/148	110/150
Torque rise	%	35	43	34	41	45	53
Constant power range	1/min	1,800-2,300				1,800-2,350	1,700-2,350
Air intake		On the A-strut, left hand top					
Oil quantity/tank capacity	l	14/270			21/305		
Engine oil changing intervals		500 h or annually					
Cab		120	130	150	150.7	165.7	180.7
Cab		Integrated, sound-proofed safety cab					
Noise level	dB (A)	73-74					
Air conditioning		Standard					
Multi-function armrest		upon request					
PowerComS armrest		(Profiline: standard)					
Cab suspension at 40 km/h mechanical		upon request					
Cab suspension at 50 km/h mechanical		upon request		Standard		-	
Cab suspension at 40/50 km/h		pneumatic suspension upon request (Profiline: standard)					
Standard		Standard					
Electrical system		120	130	150	150.7	165.7	180.7
Voltage	V	12					
Three-phase alternator	W/A	1,140/95					
Three-phase alternator	V/kW	13/3,1					
Battery	V/Ah	12/143(170 a. W.)					
Chassis, brakes, steering		120	130	150	150.7	165.7	180.7
Chassis, brakes, steering		Central drive					
Front axle suspension	50 km/h	Standard					
Front axle suspension	40 km/h	upon request					
Front axle suspension	ASM	Fully automatic control with speed, steering angle, individual wheel braking and slip (100% locking); can be deactivated					
Service brake	front / rear	Automatic activation of the front drive / disc brake system, oil-immersed					4-wheel brake
Steering angle /turning radius		52/4,95		52/5,13		52/5,80	
Steering		Load Sensing with separate pump					
Pump flow rate/pressure	l/min (bar)	42(180)					
Hydraulic system		120	130	150	150.7	165.7	180.7
System		Open center or Load Sensing (upon request.)					Load Sensing
Oil reservoir		Shared with transmission					
Pump flow rate	l/min (bar)	Open Center 83 (200) / Load Sensing Center 120 (200)					120 (200)
Available oil quantity	l	max. 40					
Front PTO upon request		120	130	150	150.7	165.7	180.7
Clutch		Oil-immersed, modulating start-up					
Speed at 2,130 rpm engine speed	rpm	1,000					
Rear PTO		120	130	150	150.7	165.7	180.7
Clutch		Oil-immersed, modulating start-up					
Actuation		electro-hydraulic shifting					
PTO stub		bolted					
Profiles		1 3/8" PTO 6-spline shaft or 1 3/8" 21-spline					
Engine speed 540/1000 and 540E/1000E		2.200 and 1.600 1/min					
Remote control		on rear mudguard left (and right with wide mudguards)					

*without cooling fan