

# Agrotron 80 - 105



DRIVEN BY INTELLIGENCE.

## Agrotron 80-105

Engine:	80	90	100	105
Water-cooled DEUTZ diesel engine:	Type	BF4M 2012 B	BF4M 2012 C	BF6M 2012 C
Cylinders / cubic capacity	Cyl./cm <sup>3</sup>	4/4.038	4/4.038	6/6.057
Rated power / rated speed (ECE R24)	kW/hp (rpm)	52/71 (2.300)	58/79 (2.300)	65/88 (2.300)
Max. power (ECE R24)	kW/hp	58/79	66/90	74/100
Maximum torque	Nm	325	372	396
Torque rise	%	35	36	30
Chassis, brakes, steering:				
Front axle drive / differential lock front & rear	- / 100 %	Central drive, /plate locking differential; electro-hydraulic activation		-
Service brake front and rear		Automatic activation front drive / disk brake system, oil immersed		
Steering system / Steering angle / Turning radius	- / - / m	Hydrostatic with balanced steering cylinder / 52° / 4,65		4,95
Hydraulic system:				
Steering: Pump flow rate / pressure	l/min (bar)		33 (185)	
Working hydraulics oil circuit			Shared with transmission	
Flow rate / Pressure / available oil quantity	l/min (bar) / l		75 (200) / max. 26	
Powerlift:				
3-point cat. II; WKS quick-action coupling - lifting force at rear	kp		6.220	
Optional front powerlift cat.II Lifting force	kp		3.200	
Hydraulic remote valves:				
Quantity			2/4	
Actuation			Single lever upon request, 4 remote valves nos. 1+2 with crosscrossgate lever	
Transmission:				
Type			7.100 / 2 x 4 speed range transmission	
No. of speeds F/R			24/8 or 36/12 (with creeper speed)	
PowerShift			3-range powershift	
PowerShuttle/ Synchronisation			Standard	
Rear PTO:				
Clutch / Actuation / Profiles			Oil-immersed, modulated / electro-hydr. / 1 3/8" 6 spline or 1 3/8" 21-spline;	
Speeds	rpm / -		540/540E / 1.000/1.000E	
Front PTO (optional):				
Clutch / actuation			Multiplate clutch, oil immersed / electro-hydraulic	
Speed / PTO profile	rpm / -		1.000/1 3/8" 6 spline	
Dimensions:				
Wheelbase / length	mm		2.419/4.139	2.647/4.367
Height/Height (centre of axle / top edge of roof)	mm	2.769/1.969	2.794/1.969	2.800/2.029
Weights:				
Unladen weight front / rear / total	kg	1.520/2.830/4.350	1.540/2.870/4.410	1.615/3.095/4.710
Permissible laden weight front / rear / total	kg	3.000/5.200/6.500	3.500/6.000/7.500	3.800/6.300/8.000
Payload front / rear / total	kg	1.480/2.370/2.150	1.960/3.130/3.090	2.185/3.205/3.290

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