

Agrotion 80-105



DRIVEN BY INTELLIGENCE.

Agrotion 80-105

Engine:		80	90	100	105
Water-cooled DEUTZ diesel engine:	Type	BF4M 2012 B	BF4M 2012 C	BF4M 2012 C	BF6M 2012 C
Cylinders / cubic capacity	Cyl./cm³	4/4.038	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)	74/100 (2.300)
Max. power (ECE R24)	kW/hp	58/79	66/90	74/100	81/110
Maximum torque	Nm	325	372	396	417
Torque rise	%	35	36	30	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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