

DEUTZ-FAHR 6 SERIES AGROTRON POWERSHIFT/RCSHIFT



TECHNICAL DATA	6 SERIES AGROTRON POWERSHIFT/RCSHIFT								
	6155 Powershift	6155 RCshift	6165 Powershift	6165 RCshift	6185 Powershift	6185 RCshift	6215 Powershift	6215 RCshift	
ENGINE									
Manufacturer	Deutz								
Model	TCD 6.1 L06								
Emissions	Tier3								
Cylinders / Displacement	n°/cc	6/6057	6/6057	6/6057	6/6057	6/6057	6/6057	6/6057	6/6057
Turbo Intercooler	●								
Deutz Common Rail	bar	1600	1600	1600	1600	1600	1600	1600	1600
Max. power (ECE R120)	kW/HP	114.9/156	114.9/156	120.8/164	120.8/164	138.5/188	138.5/188	156.6/212	156.6/212
Power at rated engine speed (ECE R120)	kW/HP	109.5/149	109.5/149	115.1/157	115.1/157	133/181	133/181	147.6/201	147.6/201
Max. power with boost (ECE R120)	kW/HP	-	-	125.8/171	125.8/171	-	-	166/226	166/226
Rated engine speed	rpm	2100	2100	2100	2100	2100	2100	2100	2100
Max torque	Nm	●	●	●	●	●	●	●	●
Viscodynamic fan	●								
Air filter with dust ejector	●								
Fuel tank capacity	litres	280	280	280	280	280	280	280	280
TRANSMISSION									
Model	ZF TPT16	ZF TPT16 RCshift	ZF TPT16	ZF TPT16 RCshift	ZF TPT18	ZF TPT18 RCshift	ZF TPT20	ZF TPT20 RCshift	
Number of speeds	n°	30+15	30+15	30+15	30+15	30+15	30+15	30+15	
Number of speeds with super-creeper	n°	54+27	54+27	54+27	54+27	54+27	54+27	54+27	
Full robotized shifting	●								
Powershift steps (forward/reverse)	n°	6/3	6/3	6/3	6/3	6/3	6/3	6/3	
Minimum speed with creeper	km/h	0.37	0.37	0.39	0.39	0.39	0.39	0.39	
Max. speed	km/h	40/50*	40/50*	40/50*	40/50*	40/50*	40/50*	40/50*	
Engine revs at 40 km/h	rpm	1575	1224	1575	1224	1490	1158	1490	
Engine revs at 50 km/h	rpm	1969	1530	1969	1530	1863	1447	1863	
Cruise Speeds	n°	-	1+1	-	1+1	-	1+1	-	
Driving Strategies (Manual/Auto/Full Auto Field/Full Auto Road)	●								
Eco/Power control	●								
Stop&Go	●								
SenseClutch	●								
PTO									
Rear 540ECO/1000/1000ECO PTO	●								
1000 rpm front PTO	○								
1000 ECO rpm front PTO	○								
AXLES AND BRAKES									
Front axle manufacturer	Carraro	Carraro	Carraro	Carraro	Dana	Dana	Dana	Dana	
Suspended adaptive front axle	○								
Electrohydraulic engagement of 4-wheel drive	●								
Self-locking front differential	●								
Front and rear 100% differential locking	○								
ASM system	○								
Hydrostatic steering with independent pump	●								
PowerBrake booster pump	●								
HYDRAULIC SYSTEM AND LIFT									
Fixed displacement pump delivery	l/min	84	84	84	84	-	-	-	
Load sensing pump delivery (std)	l/min	-	-	-	-	120	120	120	
Load sensing pump delivery (opt)	l/min	120/160	120/160	120/160	120/160	160	160	160	
Auxiliary rear mechanical distributors (std/opt)	n°	2/4	2/4	2/4	2/4	2/4	2/4	2/4	
Auxiliary rear electronic distributors	n°	-	2/4/5	-	2/4/5	-	2/4/5	-	
Auxiliary front distributors	n°	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
PowerBeyond	○								
Electronic control of rear hitch	●								
Rear lift capacity (std/opt)	kg	6200/9700	6200/9700	6200/9700	6200/9700	6200/9700	6200/9700	6200/9700	
Front lift capacity (opt)	kg	4110	4110	4110	4110	5480	5480	5480	
DRIVING POSITION									
MaxiVision Cab	●								
MaxiVision Cab 2	○								
Mechanic/Pneumatic cab suspension	○/○	○/○	○/○	○/○	○/○	○/○	○/○	○/○	
Anti-UV high visibility roof	○								
MaxCom multifunction armrest	●								
Infocentre™	●								
iMonitor ²	○								
Driver seat with pneumatic suspension	●								
Agrosky predisposition	○								
Colour coded controls	●								
Halogen work lights	●								
LED work lights	○								
DIMENSION AND WEIGHT									
With front tyres (min)		230/95 R32	230/95 R32	230/95 R32	230/95 R32	270/95 R36	270/95 R36	270/95 R36	
With rear tyres (min)		270/95 R44	270/95 R44	270/95 R44	270/95 R44	380/90 R46	380/90 R46	380/90 R46	
With front tyres (max)		VF600/60 R28	VF600/60 R28	VF600/60 R28	VF600/60 R28	VF600/60R30	VF600/60R30	VF600/60R30	
With rear tyres (max)		VF710/60 R38	VF710/60 R38	VF710/60 R38	VF710/60 R38	VF710/60R42	VF710/60R42	VF710/60R42	
Length (min-max)	mm	4347-5712	4347-5712	4347-5712	4347-5712	4397-5712	4397-5712	4478-5793	
Width (min-max)	mm	2456-2720	2456-2720	2456-2720	2456-2720	2486-2720	2486-2720	2486-2541	
Height (min-max)	mm	2932-3032	2932-3032	2932-3032	2932-3032	3032-3082	3032-3082	3032-3082	
Wheelbase	mm	2767	2767	2767	2767	2767	2767	2848	
Total unladen weight (min-max)	kg	7200-7600	7200-7600	7200-7600	7200-7600	7200-7600	7200-7600	7930-8330	
Maximum admissible load at 40 km/h	kg	11500	11500	11500	11500	12500	12500	13500	

● standard ○ optional - not available

* Where allowed by law

The technical data and pictures are guideline only. Committed to delivering a product more and more in line with your needs, DEUTZ-FAHR reserves the right to update the specifications of its machines at any time without notice.

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