

6 SERIES



6120 - 6130 - 6140 POWERSHIFT
6120 - 6130 - 6140 TTV



TECHNICAL DATA		6 SERIES AGROTRON		
		6120 POWERSHIFT	6130 POWERSHIFT	6140 POWERSHIFT
ENGINE				
Model		FARMotion	FARMotion	FARMotion
Emissions compliance		Tier 4 Final	Tier 4 Final	Tier 4 Final
Exhaust gas after-treatment system	Type	SCR	SCR	SCR
Cylinders/Displacement	No./cc	4/3849	4/3849	4/3849
Bore/Stroke	mm	103/115.5	103/115.5	103/115.5
Turbo intercooler	Type	●	●	●
Common Rail Injection 2000 bar	Type	●	●	●
Maximum power 2000 rpm	kW/hp	85/116	93/126	100/136
Rated power 2200 rpm	kW/hp	80.6/110	88.2/120	94.9/129
Max. torque 1600 rpm	Nm	462	506	544
Torque backup	%	32%	30%	28%
Viscodynamic fan		●	●	-
Electronic viscodynamic fan		○	○	●
Hydraulic Engine Braking (HEB)		○	○	○
Diesel fuel tank	l	185	185	185
AdBlue tank	l	12	12	12
POWERSHIFT TRANSMISSION				
Manufacturer		SDF	SDF	SDF
Model		T5430	T5450	T5450
Electro-hydraulic reverse shuttle Powershuttle with 5 adjustable settings		●	●	●
5-speed gearbox with triple Powershift speeds		●	●	●
Number of speeds	FW+RV	30+30	30+30	30+30
Number of speeds with underdrive and supercreeper gear	FW+RV	60+60	60+60	60+60
Max. speed	km/h	50 (40 with reduced engine speed)	50 (40 with reduced engine speed)	50 (40 with reduced engine speed)
Stop&Go system		●	●	●
Hydraulic parking brake		●	●	●
Electro-hydraulic four-wheel activation		●	●	●
Electro-hydraulic differential lock activation, front and rear		●	●	●
ASM system		-	●	●
Front axle		SDF 2	SDF 2.5	SDF 2.5
Front axle suspension		○	○	○
Rear PTO 540/540 ECO/1000/1000 ECO		●	●	●
Front PTO 1000		○	○	○
HYDRAULICS SYSTEM				
Delivery rate	l/min	90 open centre/120 LS	90 open centre/120 LS	90 open centre/120 LS
Auxiliary control units at rear	n°	3/4 mechanical 4/5 electro-hydraulic	3/4 mechanical 4/5 electro-hydraulic	3/4 mechanical 4/5 electro-hydraulic
Electronically controlled rear hitch (EHR)		●	●	●
Lifting capacity of rear hitch	kg	5000 7000 with additional lifting cylinder	5000 7000 with additional lifting cylinder	7000
Rear hitch category		II / III	II / III	II / III
Front linkage		○	○	○
Lifting capacity of front linkage	kg	2880	2880	2880
Pneumatic trailer braking system		○	○	○
Front loader Light and Ready Kit		○	○	○
Hydraulic trailer brake valve		○	○	○
CAB				
Cab suspension		Hydro-Silent Blocks/mechanical/ pneumatic	Hydro-Silent Blocks/mechanical/ pneumatic	Hydro-Silent Blocks/mechanical/ pneumatic
Instrument panel		InfoCentre ^{Pro}	InfoCentre ^{Pro}	InfoCentre ^{Pro}
8" iMonitor		○	○	○
Driver's seat		Mechanical/Pneumatic	Mechanical/Pneumatic	Mechanical/Pneumatic
Air conditioning		○	○	○
Panoramic sunroof		○	○	○
FOPS sunroof		○	○	○
LED working headlights		○	○	○
SDD steering system		○	○	○
DIMENSIONS AND WEIGHTS				
Wheelbase	mm	2540	2550	2550
Length	mm	4428	4428	4428
Height (centre of rear axle to roof)	mm	2025	2025	2025
Maximum permitted total weight	kg	8000	9000	9000

●: standard ○: optional -: not available

*: depending on standard or optional equipment

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Emissions compliance		Tier 4 Final	Tier 4 Final	Tier 4 Final
Exhaust gas after-treatment system	Type	SCR	SCR	SCR
Cylinders/Displacement	No./cc	4/3849	4/3849	4/3849
Bore/Stroke	mm	103/115.5	103/115.5	103/115.5
Turbo intercooler	Type	●	●	●
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Rated power 2200 rpm	kW/hp	80.6/110	88.2/120	94.9/129
Max. torque 1600 rpm	Nm	462	506	544
Torque backup	%	32%	30%	28%
Viscostatic fan		●	●	-
Electronic viscstatic fan		○	○	●
Hydraulic Engine Braking (HEB)		○	○	○
Diesel fuel tank	l	185	185	185
AdBlue tank	l	12	12	12
POWERSHIFT TRANSMISSION				
Manufacturer		SDF	SDF	SDF
Model		T5431 CVT	T5451 CVT	T5451 CVT
Electro-hydraulic reverse shuttle Powershuttle with 5 adjustable settings		●	●	●
Speed ranges	n°	2 (field/transport) electro-hydraulic controls	3 (field/transport) electro-hydraulic controls	4 (field/transport) electro-hydraulic controls
Max. speed	km/h	50 (40 with reduced engine speed)	50 (40 with reduced engine speed)	50 (40 with reduced engine speed)
PowerZero system		●	●	●
Hydraulic parking brake		●	●	●
Electro-hydraulic four-wheel activation		●	●	●
Electro-hydraulic differential lock activation, front and rear		●	●	●
ASM system		●	●	●
Front axle		SDF 2	SDF 2.5	SDF 2.5
Front axle suspension		○	○	○
Rear PTO 540/540 ECO/1000		●	●	●
Front PTO 1000		○	○	○
HYDRAULICS SYSTEM				
Delivery rate	l/min	90 open centre/120 LS	90 open centre/120 LS	90 open centre/120 LS
Auxiliary control units at rear	n°	3/4 mechanical	3/4 mechanical	3/4 mechanical
		4/5 electro-hydraulic	4/5 electro-hydraulic	4/5 electro-hydraulic
Electronically controlled rear hitch (EHR)		●	●	●
Lifting capacity of rear hitch	kg	5000	5000	7000
		7000 with additional lifting cylinder	7000 with additional lifting cylinder	
Rear hitch category		II / III	II / III	II / III
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Lifting capacity of front linkage	kg	2880	2880	2880
Pneumatic trailer braking system		○	○	○
Front loader Light and Ready Kit		○	○	○
Hydraulic trailer brake valve		○	○	○
CAB				
Cab suspension		Hydro-Silent Blocks/mechanical/ pneumatic	Hydro-Silent Blocks/mechanical/ pneumatic	Hydro-Silent Blocks/mechanical/ pneumatic
Instrument panel		InfoCentre ^{pro}	InfoCentre ^{pro}	InfoCentre ^{pro}
8" iMonitor		○	○	○
Driver's seat		Mechanical/Pneumatic	Mechanical/Pneumatic	Mechanical/Pneumatic
Air conditioning		○	○	○
Panoramic sunroof		○	○	○
FOPS sunroof		○	○	○
LED working headlights		○	○	○
SDD steering system		○	○	○
DIMENSIONS ET POIDS				
Wheelbase	mm	2540	2550	2550
Length	mm	4428	4428	4428
Height (centre of rear axle to roof)	mm	2025	2025	2025
Maximum permitted total weight	kg	8000	9000	9000


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Technical data and images are provided for guidance only. DEUTZ-FAHR makes every effort to tailor its products more closely in line with your needs and therefore reserves the right to make updates at any time and without prior notice.

Dealer

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