

6 SERIES



DEUTZ-FAHR
6 SERIES PS
6 SERIES RCSHIFT
6 SERIES TTV







HOW TO FULLFILL THE GROWING DEMANDS FOR SUSTAINABILITY AND RELIABILITY BUT STILL WORK WITH MAXIMUM EFFICIENCY AND POWER? SIMPLY GET INTO THE NEW 6 SERIES.

Technical data		6 SERIES AGROTRON			
		6155	6165	6185	6215
ENGINE					
Manufacturer		Deutz	Deutz	Deutz	Deutz
Model		TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06	TCD 6.1 L06
Emissions		Tier 4 final	Tier 4 final	Tier 4 final	Tier 4 final
Cylinders / Displacement	No. / liters	6 / 6.1	6 / 6.1	6 / 6.1	6 / 6.1
Turbocharged and intercooled		●	●	●	●
Viscostatic fan		●	●	●	●
Deutz Common Rail (DCR) direct fuel injection	PSI / bar	23,200 / 1600	23,200 / 1600	23,200 / 1600	23,200 / 1600
Rated power (ECE R 120) @ 2100 rpm	HP / kW	149 / 109.5	157 / 115.1	181 / 133	201 / 147.6
Max. power (ECE R 120) @ 1900 rpm	HP / kW	156 / 114.9	164 / 120.8	188 / 138.5	212 / 156.2
Rated power with boost (ECE R 120) @ 2100 rpm	HP / kW	-	163 / 119.9	-	214 / 157
Max. power with boost (ECE R 120) @ 1900 rpm	kW/HP	-	171 / 125.8	-	226 / 166
Max. torque	lb-ft / Nm	489 / 663	515 / 699	603 / 818	655 / 889
Engine speed at maximum torque	rpm	1500	1400	1500	1500
Torque rise	%	33	28	35	24
Electronic engine management		●	●	●	●
Air filter with dust ejector		●	●	●	●
Exhaust after treatment (EGR+DPF+SCR)		●	●	●	●
Fuel tank capacity	gal / liters	74 / 280	74 / 280	74 / 280	114.9 / 435
AdBlue (DEF) tank capacity	gal / liters	9.2 / 35	9.2 / 35	9.2 / 35	13.2 / 50
TRANSMISSION					
Manufacturer		ZF	ZF	ZF	ZF
Type		Power shift	RC Shift (fully robotized)	RC Shift (fully robotized)	Power Shift / RC Shift (fully robotized)
Power shift gears / ranges	No.	6 / 5	6 / 5	6 / 5	6 / 5
Creeper		○	●	●	○ / ●
Range change type		Manual	Push button	Push Button	Push button
Maximum transport speed	mph / kph	25 / 40	32 / 50	32 / 50	32 / 50
Driving strategies for RC Shift (Manual / Semi-Auto / Full Auto)		-	●	●	- / ●
Automatic power shift capability (RC Shift only)		-	●	●	- / ●
Speedmatching		●	●	●	●
SenseShift adjustable power shift function		●	●	●	●
Power shuttle with modulation control (5 adjustment levels)		●	●	●	●
Comfort Clutch push button on transmission lever		●	●	●	●
Multi-disc wet clutch electro-hydraulically operated		●	●	●	●
PTO					
Rear PTO 540/540E/1000/1000E		●	●	●	●
AUTO PTO		●	●	●	●
Front PTO with 6-spline shaft, 1000 rpm speed		○	○	○	○
AXLES AND BRAKES					
Front axle manufacturer		Carraro	Carraro	Dana	Dana
Front axle model		20.29	20.29	M50	M60L
Suspended front axle		-	○	○	●
Front axle with integrated brakes		-	○	○	○
Agrosky auto steering capability with EasySteer function		-	○	○	○
Front wheel drive electro-hydraulically engaged		○	○	○	○
Electro-hydraulically operated rear differential lock		●	●	●	●
Electro-hydraulically operated front differential lock		-	●	●	●
Four-wheel braking system with automatic 4WD engagement		●	●	●	●
Hydraulic power brakes		●	●	●	●
Mechanical parking brake		●	●	●	●
Hydraulic trailer braking system		○	○	○	○
Pneumatic trailer braking system		-	○	○	○
Hydrostatic steering with independent pump		●	●	●	●
Steering pump capacity	gpm	13 / 50	13 / 50	13 / 50	13 / 50
Steering angle	degrees	52	52	52	52

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Technical data		6 SERIES AGROTRON			
		6155	6165	6185	6215
HYDRAULIC SYSTEM AND LIFT					
Manufacturer		Bosch	Bosch	Bosch	Bosch
CCLS System with variable displacement pump		●	●	●	●
Maximu hydraulic flow to implements (standard / optional)	gpm	31.7	31.7 / 42	31.7 / 42	42
Rear mechanical remote valve (standard)	No.	4	-	-	4
Rear Electro-hydraulic remote valves	No.	-	5 max.	5 max.	5 max.
Front remote valves (only with front 3-point hitch)	No.	-	2 max.	2 max.	2 max.
ISO 1/2" quick-attach hydraulic couplers		●	●	●	●
Power beyond		●	●	●	●
Radar		○	○	○	○
Category 3 rear 3-point hitch		●	●	●	●
Electronic hitch control		●	●	●	●
Max. rear lift capacity	lb / kg	13,600 / 6200	21,350 / 9700	21,350 / 9700	21,350 / 9700
Adjustable lift arms and top link		●	●	●	●
Rear lower links with quick attach hooks		●	●	●	●
Controls on mudguard		●	●	●	●
Front 3-point hitch and PTO		-	○	○	○
Front lift capacity	lb / kg	9,000 / 4110	9,000 / 4110	11,000 / 5000	11,000 / 5000
ELECTRICAL SYSTEM					
External power outlet socket		●	●	●	●
Internal power outlet socket		●	●	●	●
Implement interface ISO 11786		○	○	○	○
Implement interface ISO 11783		○	○	○	○
CAB					
MaxiVision 2 cab design		●	●	●	●
Fixed front windshield and opening rear window		●	●	●	●
Front and rear window wipers		●	●	●	●
MaxCom joystick (RC Shift only)		-	●	●	●
iMonitor2 color, touch-screen, 12" universal terminal		-	○	○	○
InfoCentre ^{pro} 5" digital display in dash		-	●	●	●
Agrosky automatic steering and guidance system		-	○	○	○
ComforTip headland management system		●	●	●	●
ComforTip professional (only with iMonitor2)		-	○	○	○
Max-Comfort Professional XL seat		●	●	●	●
Max-Comfort Dynamic XL seat		○	○	○	○
Cushioned instructor's seat		●	●	●	●
Mechanical cab suspension		●	●	●	●
Pneumatic cab suspension		-	○	○	○
Air conditioning		●	●	●	●
"Radio Ready" for audio system with antenna and speakers		●	●	●	●
Telescopic external mirrors		○	○	○	○
Telescopic external electric and heated mirrors		○	○	○	○
Adjustable steering column		●	●	●	●
Halogen work lights		●	●	●	●
Ultra bright LED work lights		○	○	○	○
Integrated driving LED lights		-	○	○	○
DIMENSIONS AND WEIGHTS					
Wheelbase	in / mm	109 / 2767	109 / 2767	109 / 2767	112 / 2848
Length	in / mm	163-225 / 4142-5712	163-225 / 4142-5712	170-225 / 4317-5712	173-228 / 4398-5793
Height	in / mm	116-120 / 2932-3032	116-120 / 2932-3032	120-122 / 3032-3082	122-125 / 3103-3153
Width	in / mm	95-101 / 2416-2543	95-101 / 2416-2543	97-101 / 2472-2543	98-108 / 2500-2736
Ground clearance	in / mm	14-19 / 365-465	14-19 / 365-465	19-21 / 465-515	22-27 / 555-685
Total unladen weight	lb / kg	14,850 / 6750	14,850 / 6750	17,850 / 8105	18,050 / 8200
Maximum permissible total weight	lb / kg	25,350 / 11500	25,350 / 11500	27,550 / 12500	29,750 / 13500

●: standard ○: optional -: not available

Technical data		6 SERIES TTV AGROTRON	
		6175 TTV	6215 TTV
ENGINE			
Manufacturer		Deutz	Deutz
Model		TCD 6.1 L06	TCD 6.1 L06
Emissions		Tier 4 final	Tier 4 final
Cylinders / Displacement	No. / liters	6 / 6.1	6 / 6.1
Turbocharged and intercooled		●	●
Electronic viscostatic fan		●	●
Deutz Common Rail (DCR) direct fuel injection	PSI / bar	23,200 / 1600	23,000 / 1600
Rated power (ECE R 120) @ 2100 rpm	HP / kW	169 / 124.4	201 / 147.6
Max. power (ECE R 120) @ 1900 rpm	HP / kW	176 / 129.5	212 / 156.2
Rated power with boost (ECE R 120) @ 2100 rpm	HP / kW	-	214 / 157
Max. power with boost (ECE R 120) @ 1900 rpm	HP / kW	-	226 / 166
Max. torque	lb-ft / Nm	545 / 739	655 / 889
Engine speed at maximum torque	rpm	1500	1500
Torque rise	%	31	24
Electronic engine management		●	●
Air filter with dust ejector		●	●
Exhaust After Treatment (EGR+DPF+SCR)		●	●
Fuel tank capacity	gal / liters	74 / 280	114.9 / 435
AdBlue (DEF) tank capacity	gal / liters	9.2 / 35	13.2 / 50
TTV TRANSMISSION			
Manufacturer		ZF	ZF
Model		Eccom 1.5 / 1.5 HD	S-Matic 180+
Number of ranges	No.	4	4
Maximum transport speed	mph / kph	32 / 50	32 / 50
PowerZero		●	●
Cruise control speeds	No.	2 forward + 2 reverse	2 forward + 2 reverse
Driving strategies (Auto / Manual / PTO)		●	●
Eco/Power control		●	●
Hydraulic reverse power shuttle		●	●
Shuttle modulation control (5 adjustment levels)		●	●
PTO			
Rear PTO 540/540E/1000/1000E		●	●
AUTO PTO		●	●
Front PTO with 6-spline shaft, 1000 rpm speed		○	○
AXLES AND BRAKES			
Front axle manufacturer		Carraro	Dana
Front axle model		20.29	M60L
Suspended front axle		○	●
Front axle with integrated brakes		○	○
Agrosky autosteering capability with EasySteer function		○	○
Front wheel drive electro-hydraulically engaged		●	●
Electro-hydraulically operated front and rear differential lock		●	●
Four-wheel braking system with automatic 4WD engagement		●	●
Hydraulic power brakes		●	●
EPB (Electronic Parking Brake)		●	●
Hydraulic trailer braking system		○	○
Pneumatic trailer braking system		○	○
Hydrostatic steering with independent pump		●	●
Steering pump capacity	gpm / lpm	13 / 50	13 / 50
Steering angle	degrees	52	52

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CCLS System with variable displacement pump		●	●
Maximu hydraulic flow to implements (standard / optional)	gpm	31.7 / 42	42
Rear mechanical remote valve (standard)	No.	-	4
Rear Electro-hydraulic remote valves	No.	5 max.	5 max.
Front remote valves (only with front 3-point hitch)	No.	2 max.	2 max.
ISO 1/2" quick-attach hydraulic couplers		●	●
Power beyond		●	●
Radar		○	○
Category 3 rear 3-point hitch		●	●
Electronic hitch control		●	●
Max. rear lift capacity	lb / kg	21,350 / 9700	21,350 / 9700
Adjustable lift arms and top link		●	●
Rear lower links with quick attach hooks		●	●
Controls on mudguard		●	●
Front 3-point hitch and PTO		○	○
Front lift capacity	lb / kg	11,000 / 5000	11,000 / 5000
ELECTRICAL SYSTEM			
External power outlet socket		●	●
Internal power outlet socket		●	●
Implement interface ISO 11786		○	○
Implement interface ISO 11783		○	○
CAB			
MaxiVision 2 cab design		●	●
Fixed front windshield and opening rear window		●	●
Front and rear window wipers		●	●
MaxCom multifunction armrest		●	●
iMonitor2 color, touch-screen, 12" universal terminal		●	●
InfoCentre ^{pro} 5" digital display in dash		●	●
Agrosky automatic steering and guidance system		○	○
ComforTip professional headland management system		●	●
Max-Comfort Professional XL seat		●	●
Max-Comfort Dynamic XL seat		○	○
Cushioned instructor's seat		●	●
Mechanical cab suspension		●	●
Pneumatic cab suspension		○	○
Air conditioning		●	●
"Radio Ready" for audio system with antenna and speakers		●	●
Telescopic external mirrors		●	●
Telescopic external electric and heated mirrors		○	○
Adjustable steering column		●	●
Halogen work lights		●	●
Ultra bright LED work lights		○	○
Integrated driving LED lights		○	○
DIMENSIONS AND WEIGHTS			
Wheelbase	in / mm	109 / 2767	112 / 2848
Length	in / mm	170-225 / 4317-5712	173-228 / 4398-5793
Height	in / mm	120-122 / 3032-3082	122-125 / 3103-3153
Width	in / mm	97-101 / 2472-2543	98-108 / 2500-2736
Ground clearance	in / mm	19-21 / 465-515	22-27 / 555-685
Total unladen weight	lb / kg	17,850 / 8105	18,050 / 8200
Maximum permissible total weight	lb / kg	27,550 / 12500	29,750 / 13500

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Dealer



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