



# 7 SERIES



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The use of SDF original lubricants and coolants is recommended



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**DEUTZ-FAHR**  
**7210 - 7230 - 7250 TTV Agrottron**



TECHNICAL DATA	7 SERIES			
	7210 TTV	7230 TTV	7250 TTV	
<b>ENGINE</b>				
Type	Deutz - TCD 6.1 L06 4V Tier 4i			
Injection type/ Pressure	Deutz Common Rail/1,600 bar	Deutz Common Rail/2,000 bar	Deutz Common Rail/2,000 bar	
Cylinders/ Displacement	n°/cc	6/6,057		
Approved fuel (i)	Diesel, B100			
Maximum power with boost (ECE R-120)	kW/hp	165/224	180/245	194/263
Homologated power (2000/25/EC)	kW/hp	163/222	178/242	190/258
Maximum power (ECE R-120)	kW/hp	151/205	162/220	175/238
Rated speed power (ECE R-120)	kW/hp	137/186	150/204	174/236
Rated engine speed	rpm	2,100		
Air intake	Under the bonnet			
Maximum torque (standard mode)	Nm	806	870	934
Maximum torque (boost mode)	Nm	883	937	1,009
Fuel tank capacity	l	435		
AdBlue reservoir capacity	l	50		
Oil change intervals	hours	500		
<b>TRANSMISSION</b>				
Type	TTV continuously variable transmission			
Maximum speed 40 km/h	@ 1,357/@ 1,760 (HD)			
Driving strategies	Auto/Manual/PTO (with Eco/ Power management)			
PowerZero (active stop) function	std			
Front axle suspension	hydropneumatic std			
ASM (automatic 4WD and diff lock control)	std			
<b>PTO</b>				
Rear PTO speeds	rpm	540/540E/1,000/1,000E	540E/1,000/1,000E	
PTO control on mudguards	std			
Front PTO speed	rpm	1,000 (1,000E opt.)		
PTO activation	Proportional electrohydraulics			
<b>HYDRAULIC LIFT</b>				
Maximum lifting capacity (front/rear)	kg	4,500/10,000		
Lift control on mudguards	std			
Radar	opt			
<b>HYDRAULIC SYSTEM</b>				
Load-Sensing hydraulic circuit with variable capacity pump	std			
Hydraulic oil reservoir capacity (separate tank)	l	50		
Distributor control on mudguards	std			
Power Beyond	std			
Remote valves	n°	4 (7 opt)		
<b>BRAKES AND STEERING</b>				
Boost brake	std			
Power steering pump capacity	l/min	44		
Parking brake	type	EPB (Electronic Parking Brake)		
External disc brakes on the front axle	opt (std with 60 km/h transmission)			
Pneumatic/hydraulic braking of the trailer	std			
Steering angle	degrees	52°		
Steering radius	m	5.8		
<b>TYRES</b>				
Stands front/rear tyres	600/70R30/620/70R42		600/70 R30-650/65 R42	
Ballast for rear wheels (optional)	kg	2 x (140+255+255+255)		
Dual rear wheels	-		2 x 650/65 R42	

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	7210 TTV	7230 TTV	7250 TTV	
<b>CAB</b>				
Maxi Vision cab			std	
Air Conditioning			std	
Maxi Control armrest			std	
Iso-bus interface (ISO 11786)			opt	
iMonitor-2 (display 12.8")			opt	
Coloured Work Display			std	
Padded passenger seat			std	
Automatic A/C			opt	
Max Comfort Dynamic ++ seat (Dynamic Suspension, automatic pneumatic leveling)			std	
Max Comfort Dynamic ++ seat (Dynamic Suspension, automatic pneumatic leveling, additional suspension)			opt	
Max Comfort Evolution Active seat (Active suspension, active heating and ventilation)			opt	
Cab suspension	type	mechanical or pneumatic		
Comfortip Professional			std	
<b>ELECTRICAL SYSTEM</b>				
Voltage	T	12		
Standard battery	V/Ah/A	12/180/700		
Alternator	V/Ah	12/200		
Starter motor	V/kW	12/3.1		
Auxiliary power socket			std	
Higher amp. power socket			std	
<b>DIMENSIONS and WEIGHTS (with front/ rear tyres)</b>		600/70R30/620/70R42	600/70R30/650/70R42	600/70R30/650/70R42
Wheelbase	mm	2,817		
Length (min-max)	mm	4,817-4,972		
Height (min-max)	mm	3,103-3,153		
Width (min-max)	mm	2,500-2,736		
Ground clearance (min-max)	mm	555-685		
<b>UNLADEN MASS</b>				
Unladen mass at front (min-max)	kg	3,000-3,795	3,100-3,915	
Unladen mass at rear (min-max)	kg	4,700-4,785	5,100-5,185	
Total unladen mass (min-max)	kg	7,700-8,580	8,200-9,100	
<b>MAXIMUM PERMISSIBLE MASS AT 40 KM/H</b>				
Maximum permissible mass - front	kg	4,860-5,200 (min-max)	5,200	
Maximum permissible mass - rear	kg	5,600-9,000 (min-max)	10,000	
Maximum permissible mass - front	kg	10,460-12,000 (min-max)	13,500	
<b>MAXIMUM PERMISSIBLE MASS AT 50 KM/H</b>				
Maximum permissible mass - front	kg	4,420-5,200 (min-max)	5,200	
Maximum permissible mass - rear	kg	5,600-9,000 (min-max)	10,000	
Maximum permissible mass - front	kg	10,460-12,000 (min-max)	13,500	

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