

R7

210



DEUTZ Common Rail Tier III engines, 6 cylinders 7146 cc, turbo intercooler, with electronic engine management

100% compatible with biodiesel fuel (B100)

27-speed transmission (9-speed Powershift) Automatic powershift and electro-hydraulic control

Hydraulic powershuttle with twin oil-immersed multiplate clutches

Electric parking brake: mechanical-electronic system ensuring safe parking in all conditions

Closed centre "Load-Sensing" variable displacement pump

DRP geometry for maximum traction in the toughest conditions

Front axle with hydraulic suspension and cab with automatically controlled pneumatic suspension

TECHNICAL DATA

Version		R7.210	
ENGINE		4WD	
DEUTZ COMMON RAIL 2013 TIER III			
Cylinders/Displacement	no./cm ³	6/7146	
Aspiration		Turbo Intercooler	
Homologated power at nominal engine speed (2000/25/CE)	HP/kW	213/157	
Max. power (2000/25/CE)	HP/kW	220/162	
Nominal engine speed	rpm	2350	
Max. torque	Nm	836	
Max. torque engine speed	rpm	1500-1700	
Torque backup	%	37	
Cooling		liquid-oil	
Engine control		electronic	
Air cleaner		dry with safety cartridge and dust ejector	
Silencer underhood		with exhaust on cab upright	
Fuel tank capacity	litres	380	
DIMENSIONS AND WEIGHTS (with rear tyres)		650/65 R 42	
Max. length without link arms	mm	4800	
Width min. - max.	mm	2550-2710	
Max. height at cab	mm	3020	
Ground clearance	mm	620	
Wheelbase	mm	2985	
Front track min. - max.	mm	1850-2175	
Rear track min. - max.	mm	1900-2060	
Minimum steering radius without braking	mm	5650	
Weight with cab	kg	7520	

TRANSMISSION

Gearbox clutch		multidisc in oil bath, electro-hydraulically operated	
Gearbox 27 FWD + 27 REV		Powershift: 3 ranges, 9 power gears, with creeper (min. speed: 0.62 km/h) gears with push-button operated sequential shift	
		Automatic Powershift: automatic selection of the best gear for the load and engine speed	
Max. speed	km/h	40	
Hydraulic power shuttle		with double multidisc clutch in oil bath, electronically operated with control lever under steering wheel	
SDS		system to save repetitive operations	
Rear differential lock		electro-hydraulically operated	
Lubrication		forced with transmission oil cooler	
Rear half axles		fixed with extendable wheels/extendable with fixed wheels	

POWERSHIFT GEARBOX 27 FWD + 27 REV WITH CREEPER - SPEED IN KM/H AT ENGINE SPEED OF 2350 RPM WITH 580/70 R 42 REAR TYRES

1 SR	2 SR	3 SR	4 SR	5 SR	6 SR	7 SR	8 SR	9 SR	1 N	2 N	3 N	4 N	5 N	6 N	7 N	8 N	1 V	9 N	2 V	3 V	4 V	5 V	6 V	7 V	8 V	9 V
0,62	0,75	0,90	1,06	1,28	1,55	1,85	2,23	2,68	2,70	3,26	3,92	4,64	5,60	6,74	8,04	9,70	10,21	11,67	12,32	14,82	17,56	21,19	25,49	30,39	36,38	40,00

REAR P.T.O.			
Clutch		multiple discs in oil bath	
Speed	rpm	540 ECON-1000	
Operation		electro-hydraulically operated, push-button control	
FRONT P.T.O.			
Clutch		multiple discs in oil bath	
Speed	rpm	1000	
Operation		electro-hydraulically operated, push-button control	
BRAKES AND STEERING			
Braking system		all wheel braking, discs in oil bath on all 4 wheels, hydrostatically operated	
Trailer braking		hydraulic braking valve pneumatic braking system	
Hydrostatic steering		independent pump, adjustable steering wheel	
Steering angle		55°	
FRONT AXLE			
Type		conventional with hydraulic suspension and automatic adjustment	
Drive engagement		electro-hydraulically operated	
Font differential lock		electro-hydraulically operated SBA/ASM system: automatic front wheel drive disengagement and automatic diff. lock release	
Front ballast		eight 40 kg case type weights	
Front mudguards		swivelling	
HYDRAULIC LIFT			
Rear power lift		electronically controlled with Radar	
Maximum lifting capacity	kg	10000	
Pump delivery	l/min.	113 l/min. Load Sensing variable displacement pump	
Auxiliary hydraulic control valves	no. ways	6/8 with flow regulator and joystick, electro-hydraulically operated, proportional flow on one control valve	
3 point linkage (link arms and top link)		automatic hitching with linkarm swing lock during lifting	
Front lift		double acting cylinders maximum lifting capacity 4000 kg quick fit ballast, 1000 kg	
DRIVING POSITION			
Cab		original sound-proofed (72 dBA), with platform suspended on silent-block, "high visibility" roof, rear windscreen wiper, 6/8 work lights, telescopic rear-view mirrors as above with automatically adjusted pneumatic suspension	
Cab conditioning		air conditioning with drinks cooler, ventilation, heating, forced recirculation	
Instruments		analog with digital display	
Driver's seat		pneumatic suspension and safety belt	

DEALER CONTACT



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Company with
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PLEASE NOTE: REVERSE SPEEDS ARE SLIGHTLY HIGHER THAN THE CORRESPONDING FORWARD SPEEDS

The above specifications refer to tractors with all available equipment. For standard equipment and options, refer to the current price list and ask your local dealer for details.