



VIRTUS J
90 | 100 | 110 | 120



VIRTUS J		90	100	110	120
ENGINE					
Emissions		Tier 4i	Tier 4i	Tier 4i	Tier 4i
Manufacturer		Deutz	Deutz	Deutz	Deutz
Cylinders/Displacement/Valves	n°/cm³/n°	4/3620/2	4/3620/2	4/3620/2	4/3620/2
Common Rail	bar	1600	1600	1600	1600
Turbo Intercooler		●	●	●	●
Max. power (@ 2000 rpm)	CV/kW	89/65,5	99/72,5	110/81	118/87
Nominal power (@ 2200 rpm)	CV/kW	85/62,5	95/69,5	105/77	113/83
Max. torque (@ 1600 rpm)	Nm	358	397	440	460
Torque backup	%	32	32	32	28
TRANSMISSION					
Max speed	km/h	40/40ECO	40/40ECO	40/40ECO	40/40ECO
Mechanical Shuttle		●	●	●	–
Powershuttle		–	○	○	●
MECHANICAL GEARBOX					
Number of speeds	n°	10+10	10+10	10+10	–
Number of speeds with Creeper and Underdrive	n°	20+20	20+20	20+20	–
HI-LO GEARBOX					
Number of Powershift gears	n°	2	2	2	2
Number of speeds	n°	20+20	20+20	20+20	20+20
Number of speeds with Creeper and Underdrive	n°	40+40	40+40	40+40	40+40
POWERSHIFT GEARBOX					
Number of Powershift gears	n°	–	3	3	3
Number of speeds	n°	–	30+30	30+30	30+30
Number of speeds with Creeper and Underdrive	n°	–	60+60	60+60	60+60
P.T.O.					
P.T.O. 540/540ECO		●	●	●	●
P.T.O. 540/540ECO/1000/1000ECO		○	○	○	○
Synchronised P.T.O.		○	○	○	○
Front P.T.O. 1000		○	○	○	○
FRONT-REAR AXLE					
4WD electrohydraulic engagement		●	●	●	●
Electrohydraulic control of differential lock		●	●	●	●
BRAKES					
Integral braking on all four wheels (4WD)		●	●	●	●
Park Brake		–	○	○	○
HYDRAULIC LIFT					
Electronically controlled rear lift		●	●	●	●
Rear lifting capacity (STD/OPT)	kg	3565/4855	4855	4855/5410	5410
Front lift		○	○	○	○
Front lifting capacity	kg	1850	1850	1850	1850
HYDRAULICS					
Pump delivery (std)	l/min	55	55	55	55
Pump delivery (opt1)	l/min	60 ECO	60 ECO	60 ECO	60 ECO
Mechanical Remote Valves (std)	n° of ways	4	4	4	6
Mechanical Remote Valves (opt)	n° of ways	6/8	6/8	6/8	8
CAB					
Air conditioning		○	○	○	○
High-visibility roof		○	○	○	○
Driver seat with mechanical suspensions		●	●	●	●
Driver seat with pneumatic suspensions		○	○	○	○
Passenger seat		○	○	○	○
Opening windscreen		○	○	○	○
DIMENSIONS AND WEIGHTS					
With rear tyres		420/85 R34"	480/70 R34"	480/70 R34"	480/70 R34"
Max. length with link arms	mm	4145	4145	4145	4145
Width min.- max.	mm	2060-2345	2060-2345	2060-2345	2060/2420
Wheelbase (4Wd/2Wd)	mm	2370/2330	2370	2370/2330	2370/2330
Weight	kg	3800	3900	3900	3900

STD ● OPT ○

DEALER CONTACT

Use of original SDF lubricants and coolants is recommended.



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