

Specifications

Engine Performance	6130	6230	6330	6430	6530	6630	6830	6930
Stage III certified acc. 97/68/EC								
Power (97/68/EC) at rated speed (w/o fan)	61 kW (83 hp)	70 kW (95 hp)	77 kW (105 hp)	85 kW (115 hp)	88 kW (120 hp)	95.5 kW (130 hp)	103 kW (140 hp)	114 kW (155 hp)
Max. Power (97/68/EC)	64 kW (87 hp)	73.5 kW (100 hp)	81 kW (110 hp)	89 kW (121 hp)	92.5 kW (126 hp)	100.5 kW (137 hp)	108 kW (147 hp)	120 kW (163 hp)
Power (ECE-R24) at rated speed (with fan)	59 kW (80 hp)	67 kW (91 hp)	73.5 kW (100 hp)	82 kW (111 hp)	85 kW (115 hp)	92.5 kW (126 hp)	99 kW (135 hp)	110 kW (150 hp)
Max. Power (ECE-R24)	62 kW (84 hp)	70.5 kW (96 hp)	77 kW (105 hp)	86 kW (117 hp)	89 kW (121 hp)	97 kW (132 hp)	104 kW (141 hp)	116 kW (158 hp)
Cylinders/Turbo/Charge Air Cooler/Displacement	4/T/X/4530 ccm	4/T/X/4530 ccm	4/T/X/4530 ccm	4/T/X/4530 ccm	6/T/X/6780 ccm	6/T/X/6780 ccm	6/T/X/6780 ccm	6/T/X/6780 ccm
Rated Speed	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm	2100 rpm	2100 rpm
Max. Power at engine speed	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm	2100 rpm	1900 rpm	1900 rpm
Engine Speed at max. Torque	1600 rpm	1600 rpm	1600 rpm	1600 rpm	1600 rpm	1600 rpm	1500 rpm	1500 rpm
Constant power range	460 rpm	460 rpm	460 rpm	460 rpm	460 rpm	460 rpm	420 rpm	420 rpm
Torque Reserve	34%	33%	34%	33%	34%	33%	34%	34%
Fuel injection system	Full authority electronic engine management							
Type of injection	2 Valve High Pressure CommonRail							
Cooling	Dual Temperature Cooling							
Fan	Temperature controlled viscous fan							
Air cleaner	PowerCore precleaning							
Clutch	Oil cooled, PermaClutch 2, 225 mm diameter discs							
Transmission								
SyncoPlus								
12/4; 2.5 – 30 km/h	•	•	•	•	•	•	–	–
PowerReverser	Electrical Left Hand PowerReverser with neutral position; F/R Ratio 1:1							
16/16; 1.9 – 30 km/h or 2.5 – 40 km/h	•	•	•	•	•	•	–	–
PowrQuad Plus	4 powershiftable gears; Electrical Left Hand PowerReverser with neutral position; F/R Ratio 1:1							
16/16; 2.5 – 30 km/h	•	•	•	•	•	•	–	–
16/16; 3.1 – 40 km/h	•	•	•	•	•	•	–	–
20/20; 2.5 – 40 km/h	–	–	–	–	–	–	•	•
24/24; 1.6 – 40 km/h	•	•	•	•	•	•	–	–
Additional 12/12 Creeper reduction 1:10	Option for PowerReverser and PowrQuad Transmission							
PTO – Rear								
PTO Clutch	Electro-hydraulically operated oil cooled multi-disc clutch							
540/540E/1000 Rear PTO at rated PTO speeds	2143/1684/2208	2143/1684/2208	2143/1684/2208	2143/1684/2208	2143/1684/2208	2143/1684/2208	1995/1743/1995	1995/1743/1995
Brakes								
Foot brake	Oil cooled discs, self equalising, self adjusting							
Parking lock	Transmission parking position.							
4WD braking	Automatic 4WD engagement							
Axles								
2WD version	•	•	•	•	•	•	–	–
Engagement 4WD	Electro-hydraulically operated, oil cooled clutch							
Engagement front differential lock	Automatic self locking under full load							
Engagement rear differential lock	Electro-hydraulically operated, oil-cooled multi-disc							
Caster angle/turning radius w/o brakes 4WD	12°/4440 mm	12°/4440 mm	12°/4500 mm	12°/4500 mm	12°/5100 mm	12°/5100 mm	12°/5200 mm	12°/5200 mm
Hydraulic System and 3-point-hitch								
Type (base)	Load sensing with constant flow pump (PC = pressure compensated)							
Type (option)	–	–	–	–	–	–	–	Pressure and flow compensated (PFC)
Pump capacity/maximum pressure with PC	54 or 63 or 81 Liter/min with 200 bar (PC)							
Pump capacity/maximum pressure with PFC	81 Liter/min with 200 bar (PC)							
Category	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II opt. II/IIIN	II/IIIN	II/IIIN
Sensing type	Electronic lower link							
Sensing modes	Load & depth control, infinite mix, float							
Control modes	Height limiter, working depth, rate of drop, quick raise, quick pull-in; Hitch dampening							
Max. lift capacity base/optional	39.9 kN/51.0 kN	45.9 kN/51.0 kN	45.9 kN/51.0 kN	51.0 kN/59.0 kN	51.0 kN/59.0 kN	51.0 kN/66.2 kN	74.4 kN/84.0 kN	74.4 kN/84.0 kN
Capacity								
Fuel Tank base/optional	165 Litre/185 Litre	165 Litre/185 Litre	165 Litre/185 Litre	165 Litre/185 Litre	207 Litre/250 Litre	207 Litre/250 Litre	250 Litre/325 Litre	250 Litre/325 Litre
Alternator/Battery	90 A/110 Ah opt. 120 A/154 Ah	90 A/110 Ah opt. 120 A/154 Ah	90 A/110 Ah opt. 120 A/154 Ah	90 A/110 Ah opt. 120 A/154 Ah	90 A/154 Ah opt. 120 A/174 Ah	90 A/154 Ah opt. 120 A/174 Ah	90 A/154 Ah opt. 120 A/174 Ah	90 A/154 Ah opt. 120 A/174 Ah
Hydraulic & Transmission oil/change interval	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h	50 Litre/1500 h
Engine Oil/change interval	16 Litre/500 h	16 Litre/500 h	16 Litre/500 h	16 Litre/500 h	19.5 Litre/500 h	19.5 Litre/500 h	19.5 Litre/500 h	19.5 Litre/500 h
Engine Coolant/change interval	24 Litre/3000 h	24 Litre/3000 h	24 Litre/3000 h	24 Litre/3000 h	28 Litre/3000 h	28 Litre/3000 h	28 Litre/3000 h	28 Litre/3000 h
Cab								
Specification	Tiltable cab; 310° all-round vision; climate control, telescoping and tiltable steering column/wheel; opt. FieldOffice							
Sound Reduction/Level	71 dB(A)	71 dB(A)	71 dB(A)	71 dB(A)	70 dB(A)	70 dB(A)	72 dB(A)	72 dB(A)
Display	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel	Tilt with steering wheel
Dimensions and Weights								
Wheelbase	2400 mm	2400 mm	2400 mm	2400 mm	2650 mm	2650 mm	2650 mm	2650 mm
Width x Height x Length	2275 x 2718 x 4289 mm	2275 x 2718 x 4289 mm	2316 x 2743 x 4289 mm	2316 x 2743 x 4289 mm	2316 x 2833 x 4728 mm	2316 x 2833 x 4728 mm	2382 x 2923 x 4758 mm	2382 x 2923 x 4758 mm
With tyre size	14.9R24 and 16.9R38	16.9R24 and 16.9R38	16.9R24 and 18.4R38	16.9R24 and 18.4R38	420/70R28 and 18.4R38	420/70R28 and 18.4R38	16.9R28 and 20.8R38	16.9R28 and 20.8R38
Minimum shipping weight	4640 kg	4640 kg	4745 kg	4745 kg	5165 kg	5165 kg	5635 kg	5635 kg
Maximum Permissible Gross Weight at 40 km/h	7600 kg	7600 kg	8200 kg	8200 kg	8500 kg	9500 kg	10000 kg	10500 kg

* Specifications and design subject to change without notice