

## Detailed Specifications

### Engine

Gross Power (Standard)

82 kW / 110 hp

Net Power (Standard)

76 kW / 102 hp

Net Power - SAE J1349

75 kW / 101 hp

Net Power - ISO 9249

76 kW / 102 hp

Net Power - ISO 1585	76 kW / 102 hp
Net Power - EEC 80/1269	76 kW / 102 hp
Bore	105 mm / 4.13 in
Stroke	127 mm / 5 in
Displacement	4.4 L / 268 in <sup>3</sup>
Net Torque Rise @ 1400 rpm	% / 32.6 %
<b>Weights</b>	
Operating Weight - Nominal	8892 kg / 19603 lb
Operating Weight - Maximum	8892 kg / 19603.48 lb
Counterweights, Base	16 kg / 35 lb
<b>Backhoe</b>	
Dig Depth - Standard	5219 mm / 17.2 ft
Dig Depth - E-Stick Extended	6528 mm / 21.5 ft
Reach from Swing Pivot - Standard	6604 mm / 21.66 ft
Reach from Swing Pivot - E-Stick Retracted	6563 mm / 21.5 ft
Reach from Swing Pivot - E-Stick Extended	7868 mm / 25.75 ft
Bucket Rotation	169 Degrees / 169 Degrees
Bucket Dig Force - Standard	67.6 kN / 15200 lb
Bucket Dig Force - E-Stick Retracted	67.4 kN / 15150 lb
Bucket Dig Force - E-Stick Extended	67.4 kN / 15150 lb
Stick Dig Force - Standard	48 kN / 10800 lb
Stick Dig Force - E-Stick Retracted	49.8 kN / 11200 lb
Stick Dig Force - E-Stick Extended	34.8 kN / 7830 lb
Stick Lift @ 1219 mm (4 ft) - Standard	6145 kg / 13540 lb
Stick Lift @ 1219 mm (4 ft) - E-Stick Retracted	6195 kg / 13660 lb
Stick Lift @ 1219 mm (4 ft) - E-Stick Extended	2090 kg / 4600 lb
Dig Depth - E-Stick Retracted	5182 mm / 17 ft
Loading Height	4310 mm / 14.2 ft
Loading Reach	2027 mm / 6.66 ft
<b>Loader</b>	
Bucket Capacity - General Purpose	1.3 m <sup>3</sup> / 1.75 yd <sup>3</sup>
Bucket Width - General Purpose	2434 mm / 96 in
Dump Height @ Max Angle, Single-tilt	2657 mm / 8.9 ft
Dump Reach @ Max Angle, Single-tilt	910 mm / 3 ft
Dig Depth Single-tilt	162 mm / 6.4 in
Lift Capacity @ Full Height Single-tilt	3905 kg / 8610 lb
Bucket Breakout Force - Single-tilt	51.7 kN / 11610 lb
<b>Hydraulic System</b>	
Pump Capacity (@ 2200 rpm)	178 L/min / 47 gal/min
System Pressure	22400 kPa / 3250 psi
2WD Cylinder - Bore	82.55 mm / 3.25 in
2WD Cylinder - Stroke	281 mm / 11.06 in
2WD Cylinder - Rod Dia.	53.98 mm / 2.31 in
AWD Cylinder - Bore	82.55 mm / 3.25 in
AWD Cylinder - Stroke	281 mm / 11.06 in
AWD Cylinder - Rod Dia.	53.98 mm / 2.13 in
<b>Power Train</b>	
Auto-Shift (opt), Forward 1st	5.6 kph / 3.5 mph
Auto-Shift (opt), Forward 2nd	8.9 kph / 5.5 mph
Auto-Shift(opt), Forward 3rd	11.6 kph / 7.2 mph
Auto-Shift (opt), Forward 4th	18.8 kph / 11.7 mph
Auto-Shift (opt), Forward 5th	31.5 kph / 19.6 mph
Auto-Shift (opt), Reverse 1st	5.6 kph / 3.5 mph

Auto-Shift (opt), Reverse 2nd	11.6 kph / 7.2 mph
Auto-Shift (opt), Reverse 3rd	20.6 kph / 12.8 mph
<b>Axle Ratings</b>	
Front Axle, 2WD, Static	9630 kg / 21230 lb
Front Axle, AWD, Static	9630 kg / 21230 lb
Rear Axle, Static	9160 kg / 20194 lb
<b>Operating Specifications - Backhoe</b>	
Turning Circle: outside, front wheels	8.8 m / 28.8 ft
Turning Circle: outside, widest loading bucket	11.4 m / 37.25 ft
<b>Service Refills</b>	
Cooling System, A/C	30 L / 7.9 gal
Fuel Tank	125 L / 33 gal
Engine Oil w/Filter	11 L / 2.9 gal
Transmission, 2WD, Auto Shift	26 L / 6.9 gal
Rear Axle	31 L / 8.2 gal
Front Axle, AWD	9.3 L / 2.5 gal
Front Axle, Planetaries	.8 L / .21 gal
Hydraulic System	154 L / 41 gal
Hydraulic Tank	57 L / 15.1 gal