

Product Specifications For 444



Engine

Power - Net	68 kW
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Weights

Operating Weight - Nominal	9462 kg
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Operating Weight - Maximum	11500 kg
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Counterweights - Maximum	115 kg
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All-Wheel Drive	Standard
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Ride Control	15 kg
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4.9 m Extendible Stick - Excluding Front Counterweight	355 kg
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4.3 m Extendible Stick - Excluding Front Counterweight	199 kg
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Air Conditioning	32 kg
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Operating Weight - ROPS Capacity - Maximum	11500 kg
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Loader, IT with Quick Coupler	185 kg
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Operating Weight	9462 kg
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MP Bucket (1.3 m ³ /1.7 yd ³) - without Fold-over Forks	841 kg
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Minimum Counterweight Recommendations - Standard Stick - Loader Bucket - No QC - MP	0 kg
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Minimum Counterweight Recommendations - Extendible Stick - Loader Bucket - IT Loader with QC - MP	115 kg
MP Bucket (1.3 m³/1.7 yd³) - with Fold-over Forks	1020 kg
Minimum Counterweight Recommendations - Extendible Stick - Loader Bucket - IT Loader with QC - GP	115 kg
Minimum Counterweight Recommendations - Standard Stick - Loader Bucket - IT Loader with QC - MP	115 kg
Minimum Counterweight Recommendations - Standard Stick - Loader Bucket - No QC - GP	0 kg
Minimum Counterweight Recommendations - Extendible Stick - Loader Bucket - No QC - GP	0 kg
Cab - ROPS/FOPS	Standard
Note	Machine Configuration – HRC 74.5 kW engine; 4.3 m standard stick hoe; standard cab with A/C; AWD auto-shift transmission; 1.3 m³ MP loader bucket; 600 mm standard duty hoe bucket; 440/80R28 tires; no counterweight; 80 kg operator; full fuel tank.
Total Gross Weight Not to Exceed	11500 kg
Minimum Counterweight Recommendations - Standard Stick - Loader Bucket - IT Loader with QC - GP	115 kg
Minimum Counterweight Recommendations - Extendible Stick - Loader Bucket - No QC - MP	0 kg

Auto-Shift Transmission

Standard

Engine - EU Stage V (Standard)

Stroke

120 mm

Ratings at 2,200 rpm - Gross
Power ISO 14396

74 kW/101 hp

Net Power Rating at 2,200 rpm
- SAE J1349

68 kW/92 hp

Net Torque - SAE J1349

436 N·m

Torque Rise (net)

48% @ 1,500 rpm

Emissions

Meets EU Stage V emission standards.

Bore

98 mm

Note (1)

Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.

Displacement

3.6 l

Net Power Rating at 2,200 rpm
- ISO 9249

68 kW/92 hp

Note (2)

No derating required up to 3048 m altitude. Auto derate protects hydraulic and transmission systems.

Engine

C3.6 74.5 kW Electronic Turbo Intercooled

Ratings at 2,200 rpm - Gross
Power SAE J1995

76 kW/103 hp

Note (3)

Advertised power is tested per the specified standard in effect at the time of manufacture.

Engine - EU Stage V (Optional)

Ratings at 2,200 rpm - Gross Power ISO 14396	82 kW/111 hp
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Displacement	3.6 l
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Net Torque - SAE J1349	485 N·m
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Net Power Rating at 2,200 rpm - SAE J1349	76 kW/103 hp
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Engine	C3.6 82 kW Electronic Turbo Intercooled
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Torque Rise (net)	48% @ 1,500 rpm
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Ratings at 2,200 rpm - Gross Power SAE J1995	84 kW/114 hp
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Stroke	120 mm
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Note (2)	No derating required up to 3048 m altitude. Auto derate protects hydraulic and transmission systems.
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Net Power Rating at 2,200 rpm - ISO 9249	75 kW/102 hp
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Bore	98 mm
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Emissions	Meets EU Stage V emission standards.
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Note (1)	Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
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Note (3)	Advertised power is tested per the specified standard in effect at the time of manufacture.
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Transmission - Auto-Shift Transmission (Standard)

Forward - 5th	27 km/h
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Reverse - 1st	6 km/h
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Forward - 6th	40 km/h
Forward - 1st	6 km/h
Reverse - 2nd	12 km/h
Forward - 2nd	10 km/h
Forward - 3rd	12 km/h
Reverse - 3rd	27 km/h
Forward - 4th	20 km/h

Transmission - Auto-Shift Transmission With Lock-Up Torque Converter (Optional)

Reverse - 1st	6 km/h
Forward - 6th	40 km/h
Reverse - 2nd	12 km/h
Forward - 2nd	10 km/h
Forward - 4th	20 km/h
Forward - 1st	6 km/h
Forward - 5th	27 km/h
Forward - 3rd	12 km/h
Reverse - 3rd	27 km/h

Axle Ratings

Rear Axle - Static	22964 kg
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Front Axle (AWD) - Dynamic	9186 kg
Front Axle (AWD) - Static	22964 kg
Rear Axle - Dynamic	9186 kg

Hydraulic System

System Pressure - Backhoe	250 bar
System Pressure - Loader	250 bar
Pump Capacity @ 2,200 rpm	187 L/min
Type	Closed Center
Pump Type	Variable-Flow, Axial Piston

Steering

AWD Cylinder, One (1) Double Acting - Bore	85 mm
AWD Cylinder, One (1) Double Acting - Axle Oscillation	8 mm
AWD Cylinder, One (1) Double Acting - Rod Diameter	42 mm
AWD Cylinder, One (1) Double Acting - Stroke	117 mm
Turning Circle (28" Tires) - 2WD/AWD (inner wheel not braked) - Outside Widest Loader Bucket	12.59 m
Turning Circle (28" Tires) - 2WD/AWD (inner wheel not braked) - Outside Front Wheels	9.8 m
Type	Front Wheel
Power Steering	Hydrostatic

Service Refill Capacities

Fuel Tank	160 l
Engine Oil - With Filter	9 l
Rear Axle	16 l
Rear Axle - Planetaries	1.7 l
Cooling System - A/C	17.5 l
Hydraulic Tank	42 l
Diesel Exhaust Fluid	19 l
Hydraulic System	95 l
Front Axle - Planetaries	1.7 l
Front Axle	14 l

Transmission

Note	Travel speeds of backhoe loader at full throttle, when equipped with 440/80R28 Rear Tires and HRC 74.4 kW Engine.
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444 Standard Equipment

Cab ROPS And FOPS

Cab, Standard

Tires/Steering/Brakes

All Wheel Drive

100% Differential Lock

Hydraulic Boosted Brakes

Tires 24 inch

Engine/Transmission

Engine, C3.6 74.5 kW

Battery, 750 CCA, Standard

Hinged Radiator Pack

Auto Idle
Eco Mode
Standard Mode
Standard + Mode
Transmission Neutralizer
Transmission, Six Speed Automatic

Controls

Controls, Electro Hydraulic Seat Mounted
Pattern Selector (ISO/SAE)
Power Steering, Hydrostatic

Hydraulics

Variable Displacement Piston Pump
Side Shift Lock
Hydraulic Oil Cooler
Loader Kickout, Float
Loader Kickout, Return to Dig
Continuous Flow
Programmable Auxiliary Flow

Booms, Sticks And Linkages

Stick Standard, 4.3 m
Transport Lock, Swing
Transport Lock, Boom

Other Attachments

External Tool Box
Transport Tie Downs

Electrical

Display Screen, Soft Key
Reversing Alarm
Stabilizer Alarm

444 Optional Equipment

Cab ROPS And FOPS

Cab, Deluxe

Tires/Steering/Brakes

Tires 28 inch

Engine/Transmission

Engine, C3.6 82 kW
Battery, 750 CCA, Heavy Duty
Engine Block Heater
Transmission, Six Speed with Lock-Up Torque Converter

Hydraulics

Hydraulic Quick Disconnects
Hydraulic Lines, One Way
Hydraulic Lines, Two Way
Powered Side Shift
Ride Control

Booms, Sticks And Linkages

Stick Extending, 4.3 m
Stick Extending, 4.9 m
Hoe Quick Coupler, Mechanical
Hoe Quick Coupler, Hydraulic
Loader Quick Coupler, Hydraulic

Other Attachments

Counterweight, 115 kg
Front Fenders
Street Pads, Stabilizers
Counterweight, 240 kg
Counterweight, 460 kg

Electrical

Display Screen, Touchscreen
Product Link Cellular
Product Link, Dual Mode (cellular and satellite)
Beacon, Rotating
Beacon, Strobe