

# 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 <sup>3</sup> /1.7 yd <sup>3</sup> ) - 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** 115 kg

**Recommendations - Extendible Stick - Loader Bucket - IT Loader with QC - MP**

**MP Bucket (1.3 m<sup>3</sup>/1.7 yd<sup>3</sup>) - with Fold-over Forks** 1020 kg

**Minimum Counterweight** 115 kg

**Recommendations - Extendible Stick - Loader Bucket - IT Loader with QC - GP**

**Minimum Counterweight** 115 kg

**Recommendations - Standard Stick - Loader Bucket - IT Loader with QC - MP**

**Minimum Counterweight** 0 kg

**Recommendations - Standard Stick - Loader Bucket - No QC - GP**

**Minimum Counterweight** 0 kg

**Recommendations - Extendible Stick - Loader Bucket - No QC - GP**

**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 m<sup>3</sup> 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** 115 kg

**Recommendations - Standard Stick - Loader Bucket - IT Loader with QC - GP**

**Minimum Counterweight** 0 kg

**Recommendations - Extendible Stick - Loader Bucket - No QC - MP**

<b>Auto-Shift Transmission</b>	Standard
<b>Engine - EU Stage V (Standard)</b>	
<b>Stroke</b>	120 mm
<b>Ratings at 2,200 rpm - Gross Power ISO 14396</b>	74 kW/101 hp
<b>Net Power Rating at 2,200 rpm - SAE J1349</b>	68 kW/92 hp
<b>Net Torque - SAE J1349</b>	436 N·m
<b>Torque Rise (net)</b>	48% @ 1,500 rpm
<b>Emissions</b>	Meets EU Stage V emission standards.
<b>Bore</b>	98 mm
<b>Note (1)</b>	Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.
<b>Displacement</b>	3.6 l
<b>Net Power Rating at 2,200 rpm - ISO 9249</b>	68 kW/92 hp
<b>Note (2)</b>	No derating required up to 3048 m altitude. Auto derate protects hydraulic and transmission systems.
<b>Engine</b>	C3.6 74.5 kW Electronic Turbo Intercooled
<b>Ratings at 2,200 rpm - Gross Power SAE J1995</b>	76 kW/103 hp
<b>Note (3)</b>	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

**Displacement** 3.6 l

**Net Torque - SAE J1349** 485 N·m

**Net Power Rating at 2,200 rpm - SAE J1349** 76 kW/103 hp

**Engine** C3.6 82 kW Electronic Turbo Intercooled

**Torque Rise (net)** 48% @ 1,500 rpm

**Ratings at 2,200 rpm - Gross Power SAE J1995** 84 kW/114 hp

**Stroke** 120 mm

**Note (2)** No derating required up to 3048 m altitude. Auto derate protects hydraulic and transmission systems.

**Net Power Rating at 2,200 rpm - ISO 9249** 75 kW/102 hp

**Bore** 98 mm

**Emissions** Meets EU Stage V emission standards.

**Note (1)** Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.

**Note (3)** Advertised power is tested per the specified standard in effect at the time of manufacture.

## Transmission - Auto-Shift Transmission (Standard)

**Forward - 5th** 27 km/h

**Reverse - 1st** 6 km/h

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

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

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

## **Axle Ratings**

<b>Rear Axle - Static</b>	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

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

## 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