

# Product Specifications For 444



## Engine

Power - Net 68 kW

## 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

**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)**

<b>Forward - 5th</b>	27 km/h
<b>Reverse - 1st</b>	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

Reverse - 3rd

27 km/h

## Axle Ratings

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

## Weights

Operating Weight - Nominal	9462 kg
Operating Weight - Maximum	11500 kg
Counterweights - Maximum	115 kg
All-Wheel Drive	Standard
Ride Control	15 kg
4.9 m Extendible Stick - Excluding Front Counterweight	355 kg
4.3 m Extendible Stick - Excluding Front Counterweight	199 kg
Air Conditioning	32 kg
Operating Weight - ROPS Capacity - Maximum	11500 kg
Loader, IT with Quick Coupler	185 kg
Operating Weight	9462 kg

**MP Bucket (1.3 m<sup>3</sup>/1.7 yd<sup>3</sup>) - without  
Fold-over Forks** 841 kg

**Minimum Counterweight  
Recommendations - Standard Stick  
- Loader Bucket - No QC - MP** 0 kg

**Minimum Counterweight  
Recommendations - Extendible  
Stick - Loader Bucket - IT Loader  
with QC - MP** 115 kg

**MP Bucket (1.3 m<sup>3</sup>/1.7 yd<sup>3</sup>) - 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 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

<b>Minimum Counterweight</b>	115 kg
<b>Recommendations - Standard Stick</b> <b>- Loader Bucket - IT Loader with</b> <b>QC - GP</b>	

<b>Minimum Counterweight</b>	0 kg
<b>Recommendations - Extendible</b> <b>Stick - Loader Bucket - No QC - MP</b>	

<b>Auto-Shift Transmission</b>	Standard
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## Hydraulic System

<b>System Pressure - Backhoe</b>	250 bar
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<b>System Pressure - Loader</b>	250 bar
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<b>Pump Capacity @ 2,200 rpm</b>	187 l/min
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<b>Type</b>	Closed Center
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<b>Pump Type</b>	Variable-Flow, Axial Piston
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## Steering

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

## 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