

# John Deere 310L EP Backhoe

- Net Peak Power: 52 kW (69 hp) at 2,100 rpm
- Max Standard Dipperstick Digging Depth: 4.16 m (13 ft. 8 in.)
- Operating Weight: 6,270 kg (13,822 lb.)



## Features

### *Engine*

Yanmar 3.3L EPA Interim Tier 4 (IT4)-equivalent engine complies with EPA Final Tier 4 (FT4)/EU Stage IV emission regulations without the need for aftertreatment components, minimizing machine complexity and the number of parts customers need to maintain their fleets.

### *Synchromesh Transmission*

The economically priced, rental-friendly 310L EP features a four-speed manual-range gear-selection transmission with synchronizers.

### *Mechanical-Front-Wheel Drive*

Standard mechanical-front-wheel drive features an open differential and electric on/off control.

### *Cab and Controls*

L-Series pilot towers optimize legroom and space for transitioning between loader and backhoe operation. Palm-on-top loader-control grip is comfortable and easy to use. Redesigned loader-lever linkage reduces resistance and improves its throw and feel, decreasing lever travel by up to 15 percent.

### *Ride Control*

With standard ride-control option, front loader hydraulic cylinders act as a shock absorber, smoothing travel over rough terrain.

### *Easy Maintenance*

Same-side ground-level service points speed daily checks and fills. Other commonsense features such as quick-change filters, extended service intervals, simple-to-read sight gauges, and easy-access grease zerks help increase uptime and lower daily operating costs.

### *Security*

Machine-security system with touchpad passcode safeguards against unauthorized operation.

## DIMENSIONS

<b>Max length with std. Stick, mm (ft/in)</b>	7240 (23 ft 9 in)
<b>Height over std Stick, mm (ft/in)</b>	3390 (11 ft 1 in)
<b>Height over ext Stick, mm (ft/in)</b>	3390 (11 ft 1 in)
<b>Maximum Width, mm (ft/in)</b>	2200 (7 ft 3 in)
<b>Width over tires, mm (ft/in)</b>	2200 (7 ft 3 in)
<b>Wheelbase - 4WD, mm (ft/in)</b>	2190 (7 ft 2 in)
<b>Ground Clearance, mm (inches)</b>	318 (13)
<b>Width - General Purpose Bucket, mm (ft/in)</b>	2184 (7 ft 2 in)
<b>Bucket Rotation - Position 1, Degrees</b>	190
<b>Bucket Pin Height - General Purpose, mm (ft/in)</b>	3510 (11 ft 6 in)
<b>Dump Height - General Purpose, mm (ft/in)</b>	2770 (9 ft 1 in)
<b>Dump Reach - General Purpose, mm (inches)</b>	699 (27.5)
<b>Digging Depth - General Purpose, mm (inches)</b>	41 (1.6)

## DRIVELINE

<b>Engine Manufacturer</b>	Yanmar
<b>Engine Model</b>	4TNV98CT
<b>Displacement, ltr (Inches<sup>3</sup>)</b>	3.3 (203)
<b>Rated Speed, rpm</b>	2100
<b>Engine Output - Net, kW (hp)</b>	52 (69)
<b>Transmission Type</b>	Powershift
<b>Service Brake Type</b>	Wet Multi Disc
<b>Service Brake Actuation</b>	Hydraulic w/Power Assist