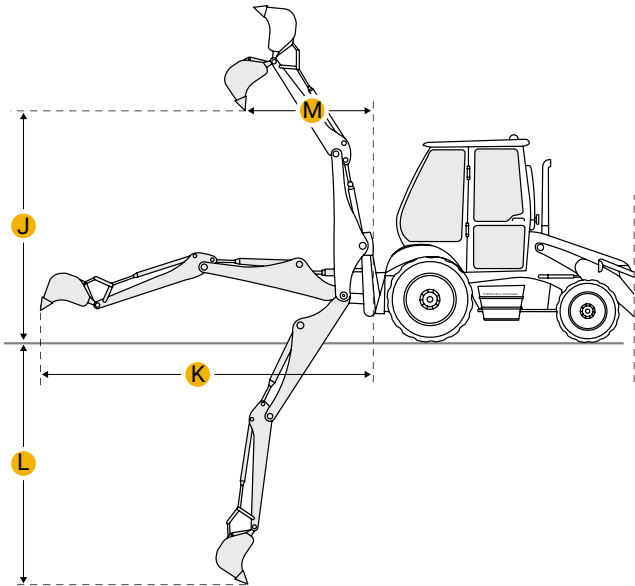
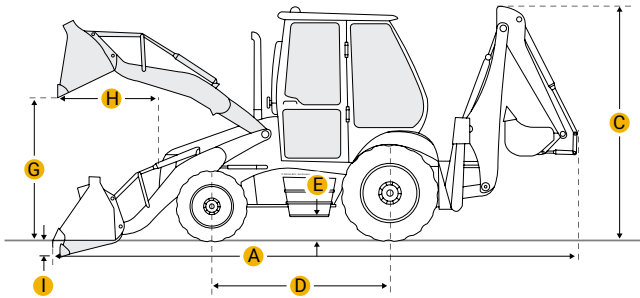
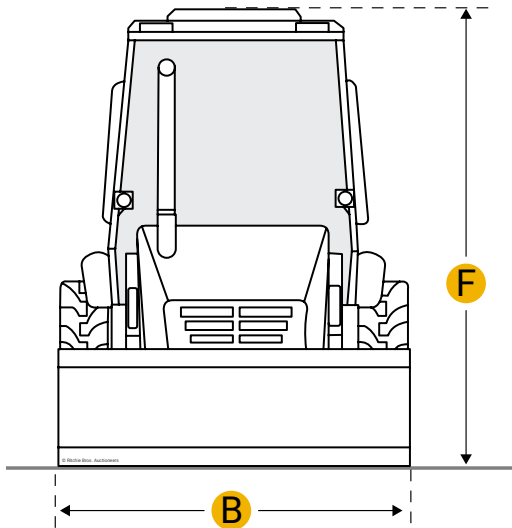


[Home](#)

John Deere 310 Loader Backhoe



Units

Imperial

Metric

Dimensions

Dimensions

A	Transport Length	10.01 ft in
I	Dig Depth	203.7 in
B	Transport Width	6.24 ft in
C	Transport Height	9.5 ft in
E	Ground Clearance	1.3 ft in
	Maximum Blade Height	15.5 in

Maximum Dig Height	26.27 ft in
Maximum Dump Clearance	231 in
Maximum Reach	25.09 ft in
Maximum Reach - Ground Level	24.65 ft in
Overall Shipping Length	259 in
Overall Track Width	97.2 in
Overall Undercarriage Length	129.9 in
Stick Length	98.4 in
Swing Bearing Height	33 in
Tail Swing With Counterweight	78.5 in
Tail Swing Without Counterweight	70.91 in
Track Belt/Shoe Width	17.7 in
Boom In Reach	89.5 in
Vertical Wall	190.4 in
Boom Swing Left	— °
Boom Swing Right	— °
Cab Height	8.61 ft in
Maximum Blade Depth	25 in

Specifications

Swing System

Machine Swing Speed	10.6 rpm
---------------------	----------

Engine

Number Of Cylinders	3
Engine Make	2240
Engine Model	300 Series
Net Power	70.3 hp
Power Measured @	2500 rpm

Torque Measured @	1300 rpm
Net Max Torque	129 lb ft
Aspiration	naturally aspirated
Displacement	203 cu in
Bore	3.7 in
Stroke	4.7 in
Engine Model	Cat C3.3B
Gross Power - Iso 14396	74.3 hp
Rated Net Power - 2,200 Rpm - U.S. Epa Tier 4 Final - Iso 9249/Eec 80/1269	70.3 hp
Rated Net Power - 2,200 Rpm - Eu Stage V - Iso 9249/Eec 80/1269	71.5 hp
Operational	
Fuel Capacity	19.5 gal
Hydraulic System Fluid Capacity	8.5 gal
Cooling System Fluid Capacity	0.8 gal
Transmission Fluid Capacity	20.5 gal
Tire Size Front - 2wd / 4wd	7.50-16
Rear Tires Size 2wd/4wd	16.9-24
Transmission	
Transmission Type	Collar Shift
Number Of Forward Gears	8
Number Of Reverse Gears	4
Weights	
Operating Weight	22447 lb
Note (1)	*Minimum Weight is based on steel tracks, no counterweight, operator, full fuel tank, long stick, blade and no bucket.
Note (2)	**Maximum Weight is based on steel tracks with rubber pads, counterweight, operator, full fuel tank, long stick, blade and no bucket.
Minimum Operating Weight With Cab*	21166 lb

Maximum Operating Weight With Cab**	22447 lb
Blade	
Height	17 in
Hydraulic	
Pump Flow Capacity	23 gal/min
Relief Valve Pressure	500 psi
Hydraulic System	
Hydraulic System Type	Load Sensing Hydraulics with Variable Displacement Piston Pump
Operating Pressure - Swing	3336 psi
Operating Pressure - Equipment	4134 psi
Operating Pressure - Travel	4134 psi
Digging Force - Bucket	17459 lb
Pump Flow At 2,400 Rpm	62 gal/min
Auxiliary Circuit - Primary - Flow	35 gal/min
Auxiliary Circuit - Primary - Pressure	4134 psi
Auxiliary Circuit - Secondary - Flow	9 gal/min
Auxiliary Circuit - Secondary - Pressure	4134 psi
Blade	
Width - Standard	97.2 in
Width - Wide	103.9 in
Hydraulic System	
Digging Force - Stick	11060 lb
Service Refill Capacities	
Cooling System	2.6 gal
Fuel Tank	38 gal
Hydraulic Tank	14 gal
Hydraulic System	37 gal
Engine Oil	3 gal

Sound	
Note	European Union Directive 2000/14/EC
Average Exterior Sound Pressure (Iso 6395:2008)	99 dB(A)
Operator Sound Pressure (Iso 6396:2008)	72 dB(A)
Travel System	
Maximum Traction Force - High Speed	6497 lb
Maximum Traction Force - Low Speed	19064 lb
Travel Speed - High	3.1 mph
Travel Speed - Low	1.6 mph
Gradeability - Maximum	30 degrees
Ground Pressure - Minimum Weight	6 psi
Ground Pressure - Maximum Weight	6 psi
Weight Increase From Minimum Configuration	
Counterweight	552 lb
Steel Tracks With Pads	728 lb
Certification - Cab	
Roll Over Protective Structure (Rops)	ISO 12117-2:2008
Tip Over Protective Structure (Tops)	ISO 12117:1997
Top Guard	ISO 10262:1998 (Level II)

Compare similar models

☐

[John Deere 310D](#)

Net Power

70 hp

☐

[John Deere 315D](#)

Net Power

70 hp

☐

[John Deere 510B](#)

Net Power

70 hp

Find {{brand}} {{model}} {{category}} for Sale

[See {{brand}} {{category}} for sale rbauction.com](#)

[See {{brand}} {{category}} for sale ironplanet.com](#)

[See {{brand}} {{category}} for sale mascus.com](#)

Need help? [Contact Us](#)

 English

Company



Popular Searches



Looking for equipment or trucks?

Ritchie Bros. sells more new and used industrial equipment and trucks than any other company in the world.

[Equipment for sale on rbauction.com](#)

[Equipment for sale on ironplanet.com](#)

[Equipment for sale on mascus.com](#)

[Sell your equipment](#)