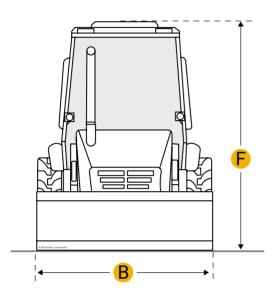
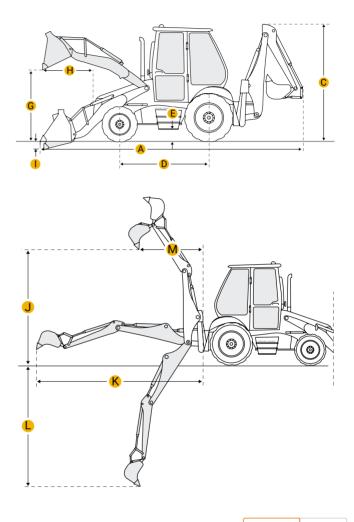
# **RITCHIE** Specs

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## John Deere 315SJ Loader Backhoe





Units

Imperial Metric

### Dimensions

#### Backhoe

J	Load Height - Std	11.75 ft in
K	Reach From Swivel - Std	18.43 ft in
L	Dig Depth - Std	14.5 ft in
	Load Height - Ext	14.25 ft in
	Reach From Swivel - Ext	21.75 ft in
	Dig Depth - Ext	18 ft in

	Bucket Dig Force - Std	11990 lb			
Din	Dimensions				
А	Transport Length	17.25 ft in			
В	Transport Width	8.17 ft in			
С	Transport Height	11.42 ft in			
D	Wheelbase	7 ft in			
Е	Ground Clearance	1.16 ft in			
	Height To Top Of Suspended Cab	9.17 ft in			
Loa	Loader				
G	Clearance At Max Dump Height	8.83 ft in			
Н	Reach At Max Dump Height	2.58 ft in			
I	Dig Depth	6.3 in			
	Lift Capacity At Full Height	7425.17 lb			
	Bucket Capacity	1.01 yd3			
	Bucket Width	86 in			
	Bucket Breakout Force	11150.53 lb			

# Specifications

Engine	
Engine Make	2240
Engine Model	4045T
Net Power	92 hp
Power Measured @	2000 rpm
Torque Measured @	1400 rpm
Net Torque Rise	46 %
Net Max Torque	282 lb ft
Aspiration	Turbocharged
Displacement	276 cu in

#### Operational

Operating Weight 2wd	15400 lb
Fuel Capacity	41 gal
Operating Weight 4wd	18346.9 lb
Hydraulic System Fluid Capacity	24 gal
Oil System Fluid Capacity	3.5 gal
Cooling System Fluid Capacity	5.6 gal
Transmission Fluid Capacity	4.3 gal
Front Axle Fluid Capacity	1.8 gal
Rear Axle Fluid Capacity	4.8 gal
Tire Size Front - 2wd / 4wd	12.5/80-18 10PR
Rear Tires Size 2wd/4wd	16.9-28 10PR
Operating Voltage	12 V
Alternator Supplied Amperage	90 amps
Transmission	
Transmission Type	Powershift
Number Of Forward Gears	4
Number Of Reverse Gears	3
Number Of Reverse Gears Max Speed - Forward	3 23.9 mph
Max Speed - Forward	23.9 mph
Max Speed - Forward Max Speed Reverse	23.9 mph
Max Speed - Forward Max Speed Reverse Hydraulic	23.9 mph 14 mph
Max Speed - Forward Max Speed Reverse Hydraulic Pump Type	23.9 mph 14 mph Tandem Gear

# Compare similar models

New Holland B110C

Net Power	108 hp	
Caterpillar 420F		
Dig Depth - Std	14.4 ft in	
Net Power	92.6 hp	
John Deere 310K		
Dig Depth - Std	-	
Net Power	87 hp	
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