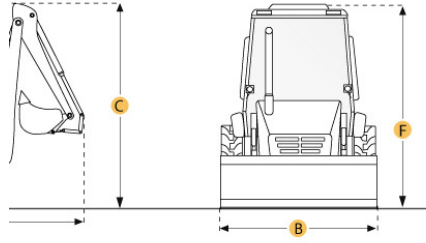
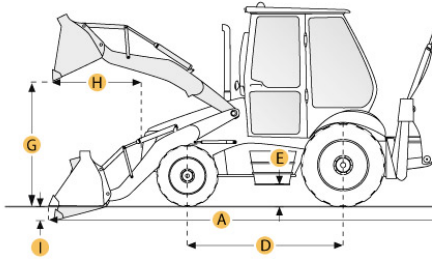


# RITCHIE Specs Everything about Equipment

## JOHN DEERE 710J LOADER BACKHOE



### Backhoe

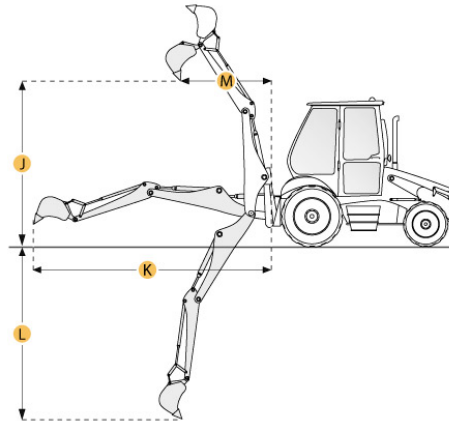
J. LOAD HEIGHT - STD	14.3 ft in	4340 mm
K. REACH FROM SWIVEL - STD	22.5 ft in	6860 mm
L. DIG DEPTH - STD	17.8 ft in	5440 mm

### Dimensions

A. TRANSPORT LENGTH	26.7 ft in	8150 mm
B. TRANSPORT WIDTH	7.9 ft in	2410 mm
C. TRANSPORT HEIGHT	13.7 ft in	4170 mm
D. WHEELBASE	8.3 ft in	2520 mm
E. GROUND CLEARANCE	1.2 ft in	356 mm
F. HEIGHT TO TOP OF CAB	9.8 ft in	2971.8 mm

### Loader

G. CLEARANCE AT MAX DUMP HEIGHT	9.6 ft in	2920 mm
H. REACH AT MAX DUMP HEIGHT	2.3 ft in	690 mm
I. DIG DEPTH	4.1 in	104 mm



# RITCHIE Specs Everything about Equipment

## JOHN DEERE 710J LOADER BACKHOE

### Specification

Engine		
MAKE	John Deere	
MODEL	6068T	
NET POWER	123 hp	92 kw
DISPLACEMENT	414 cu in	6.8 L
POWER MEASURED @	2000 rpm	
TORQUE MEASURED @	1300 rpm	
NET TORQUE RISE	41 %	
NET MAX TORQUE	395 lb ft	537 Nm
ASPIRATION	Turbocharged	

Operational		
OPERATING WEIGHT 2WD	23000 lb	10433 kg
OPERATING WEIGHT 4WD	26000 lb	11794 kg
FUEL CAPACITY	69 gal	261 L
HYDRAULIC SYSTEM FLUID CAPACITY	40 gal	151 L
OIL SYSTEM FLUID CAPACITY	5.3 gal	20 L
COOLING SYSTEM FLUID CAPACITY	6.9 gal	26 L
TRANSMISSION FLUID CAPACITY	4 gal	15.1 L
FRONT AXLE FLUID CAPACITY	2.4 gal	9 L
REAR AXLE FLUID CAPACITY	4.2 gal	16 L
TURNING RADIUS	14.9 ft in	4535 mm
TIRE SIZE FRONT - 2WD / 4WD	14.5/75-16 10PR/15-19.5 8PR	
REAR TIRES SIZE 2WD/4WD	21L-28 14 PR	
OPERATING VOLTAGE	12 V	
ALTERNATOR SUPPLIED AMPERAGE	90 amps	

Transmission		
TYPE	Powershift	
NUMBER OF FORWARD GEARS	4	
NUMBER OF REVERSE GEARS	3	
MAX SPEED - FORWARD	24.6 mph	39.6 km/h
MAX SPEED REVERSE	16.9 mph	27.2 km/h

Backhoe		
DIG DEPTH - STD	17.8 ft in	5440 mm
DIG DEPTH - EXT	22.3 ft in	6810 mm
REACH FROM SWIVEL - STD	22.5 ft in	6860 mm
REACH FROM SWIVEL - EXT	26.8 ft in	8190 mm
BUCKET DIG FORCE - STD	17000 lb	7711.1 kg
LOAD HEIGHT - STD	14.3 ft in	4340 mm
LOAD HEIGHT - EXT	17 ft in	5180 mm

Loader		
BUCKET CAPACITY	1.6 yd <sup>3</sup>	1.2 m <sup>3</sup>
BUCKET WIDTH	97 in	2464 mm
BUCKET BREAKOUT FORCE	15540 lb	69.1 kN
LIFT CAPACITY AT FULL HEIGHT	9285.9 lb	4212 kg
CLEARANCE AT MAX DUMP HEIGHT	9.6 ft in	2920 mm
REACH AT MAX DUMP HEIGHT	2.3 ft in	690 mm
DIG DEPTH	4.1 in	104 mm

Hydraulic		
PUMP TYPE	Axial-piston	
PUMP FLOW CAPACITY	52 gal/min	197 L/min
RELIEF VALVE PRESSURE	3624.9 psi	24993 kPa

Dimensions		
TRANSPORT LENGTH	26.7 ft in	8150 mm
TRANSPORT WIDTH	7.9 ft in	2410 mm
TRANSPORT HEIGHT	13.7 ft in	4170 mm
HEIGHT TO TOP OF CAB	9.8 ft in	2971.8 mm
WHEELBASE	8.3 ft in	2520 mm
GROUND CLEARANCE	1.2 ft in	356 mm