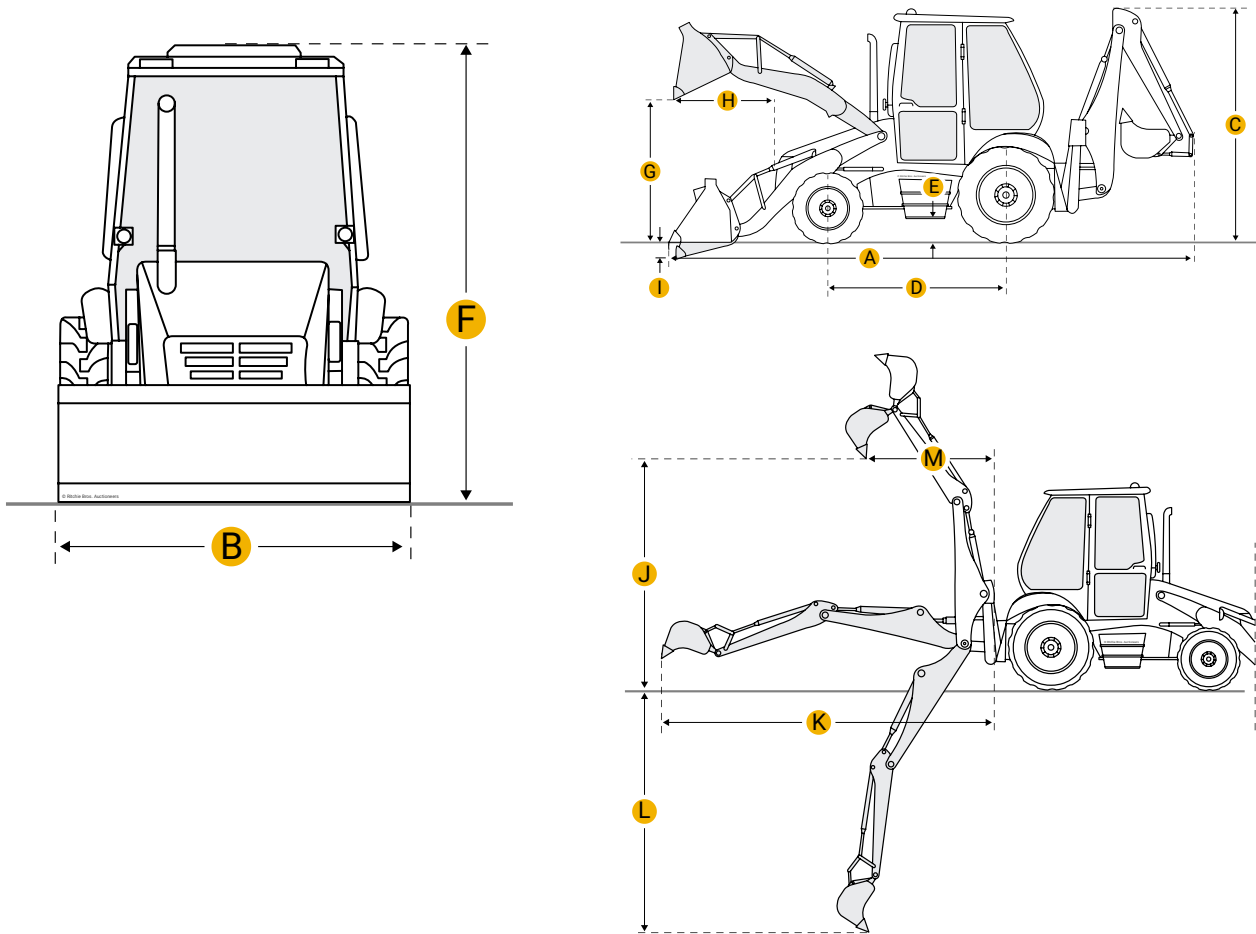


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Caterpillar 438C Loader Backhoe



Units

Imperial

Metric

Dimensions

Backhoe

J	Load Height - Std	12.09 ft in
K	Reach From Swivel - Std	18.74 ft in
L	Dig Depth - Std	15.99 ft in
M	Reach At Load Height - Std	5.45 ft in
	Dig Depth - Ext	19.44 ft in
	Reach At Load Height - Ext	8.52 ft in

	<b>Reach From Swivel - Ext</b>	22.17 ft in
	<b>Load Height - Ext</b>	14.26 ft in
Dimensions		
A	<b>Transport Length</b>	18.84 ft in
B	<b>Transport Width</b>	7.87 ft in
C	<b>Transport Height</b>	12.36 ft in
D	<b>Wheelbase</b>	6.89 ft in
E	<b>Ground Clearance</b>	1.1 ft in
	<b>Height To Top Of Suspended Cab</b>	9.52 ft in
Loader		
G	<b>Clearance At Max Dump Height</b>	8.72 ft in
H	<b>Reach At Max Dump Height</b>	2.56 ft in
I	<b>Dig Depth</b>	1.58 in
	<b>Bucket Width</b>	94.34 in
	<b>Bucket Capacity</b>	1.31 yd3
	<b>Bucket Breakout Force</b>	11330.37 lb

## Specifications

Engine		
	<b>Number Of Cylinders</b>	4
	<b>Engine Make</b>	2236
	<b>Engine Model</b>	3054
	<b>Gross Power</b>	89 hp
	<b>Net Power</b>	85 hp
	<b>Power Measured @</b>	2200 rpm
	<b>Net Torque Rise</b>	24.1 %
	<b>Aspiration</b>	Turbocharged
	<b>Displacement</b>	244.1 cu in

Operational	
<b>Fuel Capacity</b>	33.9 gal
<b>Operating Weight 4wd</b>	16667 lb
<b>Hydraulic System Fluid Capacity</b>	20.9 gal
<b>Oil System Fluid Capacity</b>	2 gal
<b>Cooling System Fluid Capacity</b>	5.8 gal
<b>Transmission Fluid Capacity</b>	4.8 gal
<b>Front Axle Fluid Capacity</b>	2 gal
<b>Rear Axle Fluid Capacity</b>	6.4 gal
<b>Turning Radius</b>	26.6 ft in
<b>Tire Size Front - 2wd / 4wd</b>	335/80 x R18
<b>Rear Tires Size 2wd/4wd</b>	16.9 x R28
<b>Operating Voltage</b>	12 V
<b>Alternator Supplied Amperage</b>	52 amps
Transmission	
<b>Transmission Type</b>	Power Shuttle
<b>Number Of Forward Gears</b>	4
<b>Number Of Reverse Gears</b>	4
<b>Max Speed - Forward</b>	19.6 mph
<b>Max Speed Reverse</b>	19.6 mph
Hydraulic	
<b>Pump Type</b>	Piston
<b>Pump Flow Capacity</b>	42.8 gal/min
<b>Relief Valve Pressure</b>	3000 psi

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