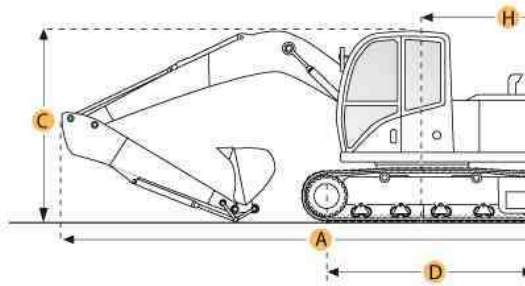


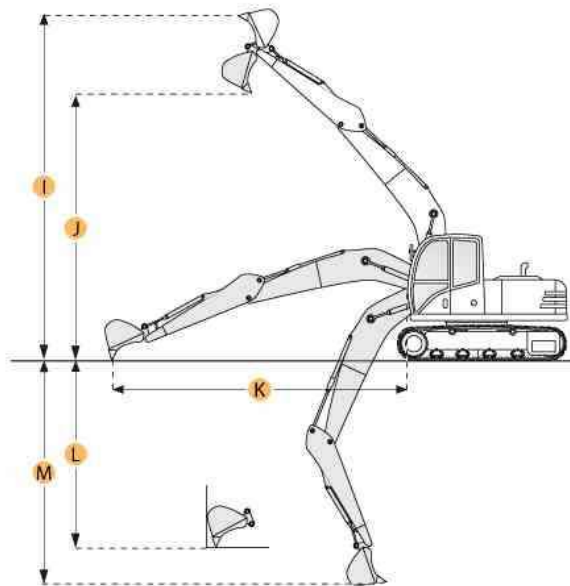
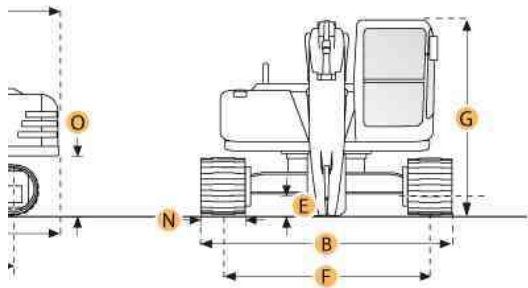
# RITCHIE Specs Everything about Equipment

Doosan DX140LC Hydraulic Excavator



## Selected Dimensions

Boom/Stick Option	Boom/Stick Option (HEX) 1		
A. Shipping Length of Unit	25.2 ft in	7690 mm	
C. Shipping Height of Unit	8.4 ft in	2570 mm	
I. Max Cutting Height	26.9 ft in	8195 mm	
J. Max Loading Height	19.3 ft in	5875 mm	
K. Max Reach Along Ground	25.2 ft in	7690 mm	
L. Max Vertical Wall Digging Depth	12.5 ft in	3810 mm	
M. Max Digging Depth	17.2 ft in	5250 mm	
<b>Dimensions</b>			
B. Width to Outside of Tracks	8.5 ft in	2590 mm	
D. Length of Track on Ground	10 ft in	3034 mm	
E. Ground Clearance	1.3 ft in	410 mm	
G. Height to Top of Cab	9.1 ft in	2773 mm	
H. Tail Swing Radius	7.2 ft in	2200 mm	
O. Counterweight Clearance	2.9 ft in	894 mm	
<b>Undercarriage</b>			
N. Shoe Size	23.6 in	600 mm	



# RITCHIE Specs Everything about Equipment

Doosan DX140LC Hydraulic Excavator

## Specification

Engine		
Make	Doosan	
Model	DL06	
Net Power	95 hp	70.8 kw
Power Measured @	1850 rpm	
Displacement	359 cu in	5.9 L
Torque Measured @	1400 rpm	
Max Torque	321.6 lb ft	436 Nm
Aspiration	turbocharged with air to air intercooler	
Number of Cylinders	6	
Operational		
Operating Weight	30864 lb	13999.7 kg
Fuel Capacity	70.5 gal	267 L
Cooling System Fluid Capacity	5.3 gal	20 L
Hydraulic System Fluid Capacity	39.1 gal	148 L
Engine Oil Capacity	6.6 gal	25 L
Swing Drive Fluid Capacity	1 gal	3.8 L
Operating Voltage	24 V	
Alternator Supplied Amperage	60 amps	
Hydraulic System Relief Valve Pressure	4699.2 psi	32400 kPa
Hydraulic Pump Flow Capacity	60.2 gal/min	228 L/min
Swing Mechanism		

Swing Speed	10.7 rpm	
Undercarriage		
Number of Shoes per Side	46	
Shoe Size	23.6 in	600 mm
Number of Carrier Rollers per Side	1	
Number of Track Rollers per Side	7	
Ground Pressure	5.1 psi	35.3 kPa
Max Travel Speed	2.9 mph	4.7 km/h
Buckets		
Reference Bucket Capacity	0.67 yd <sup>3</sup>	0.51 m <sup>3</sup>
Boom/Stick Option (HEX) 1		
Boom/Stick Option (HEX) 1	Boom 15'1" (4600mm)/Stick 6'11" (2100mm)	
Shipping Height of Unit	8.4 ft in	2570 mm
Shipping Length of Unit	25.2 ft in	7690 mm
Max Digging Depth	17.2 ft in	5250 mm
Max Reach Along Ground	25.2 ft in	7690 mm
Max Cutting Height	26.9 ft in	8195 mm
Max Loading Height	19.3 ft in	5875 mm
Max Vertical Wall Digging Depth	12.5 ft in	3810 mm
Boom/Stick Option (HEX) 2		
Boom/Stick Option (HEX) 2	Boom 15'1" (4600mm)/Stick 8'2" (2500mm)	
Shipping Height of Unit	8.9 ft in	2710 mm
Shipping Length of Unit	25.2 ft in	7680 mm
Max Digging Depth	18.5 ft in	5645 mm
Max Reach Along Ground	26.8 ft in	8156 mm
Max Cutting Height	28.5 ft in	8675 mm
Max Loading Height	20.7 ft in	6300 mm
Max Vertical Wall Digging Depth	15 ft in	4560 mm
Boom/Stick Option (HEX) 3		
Boom/Stick Option (HEX) 3	Boom 15'1" (4600mm)/Stick 9'10" (3000mm)	
Shipping Height of Unit	10.1 ft in	3090 mm
Shipping Length of Unit	25.1 ft in	7640 mm
Max Digging Depth	20.2 ft in	6150 mm
Max Reach Along Ground	28 ft in	8540 mm
Max Cutting Height	28.7 ft in	8745 mm
Max Loading Height	21 ft in	6415 mm
Max Vertical Wall Digging Depth	15.8 ft in	4830 mm
Boom/Stick Option (HEX) 4		
Boom/Stick Option (HEX) 4	Boom 16'4" (4988mm)/Stick 6'11" (2100mm)	
Shipping Height of Unit	8.7 ft in	2655 mm
Shipping Length of Unit	26.4 ft in	8060 mm
Max Digging Depth	17.8 ft in	5440 mm
Max Reach Along Ground	27 ft in	8235 mm
Max Cutting Height	28.9 ft in	8820 mm
Max Loading Height	21.1 ft in	6420 mm

Max Vertical Wall Dig Depth	15.8 ft in	4815 mm
Boom/Stick Option (HEX) 5		
Boom/Stick Option (HEX) 5	Boom 16'4" (4988mm)/Stick 8'2" (2500mm)	
Shipping Height of Unit	9.1 ft in	2770 mm
Shipping Length of Unit	26.3 ft in	8015 mm
Max Digging Depth	19.2 ft in	5850 mm
Max Reach Along Ground	28.4 ft in	8665 mm
Max Cutting Height	30.3 ft in	9235 mm
Max Loading Height	22.3 ft in	6810 mm
Max Vertical Wall Dig Depth	17.8 ft in	5415 mm
Dimensions		
Width to Outside of Tracks	8.5 ft in	2590 mm
Height to Top of Cab	9.1 ft in	2773 mm
Ground Clearance	1.3 ft in	410 mm
Counterweight Clearance	2.9 ft in	894 mm
Tail Swing Radius	7.2 ft in	2200 mm
Length of Track on Ground	10 ft in	3034 mm