

Selected Dimensions

Bucket

G. Dump Clearance at Max Raise 11 ft in 3356 mm

Dimensions

A. Length with Bucket on Ground 31.3 ft in 9525 mm

B. Width Over Tires 11.2 ft in 3400 mm

C. Height to Top of Cab 12.5 ft in 3820 mm

D. Wheelbase 11.8 ft in 3600 mm

E. Ground Clearance 1.7 ft in 510 mm

F. Hinge Pin - Max Height 15 ft in 4584 mm

H. Reach at Max Lift and Dump 10.2 ft in 3120 mm

Specification

Engine

Make Cummins

Model QSM11

Net Power 335 hp 249.8 kw

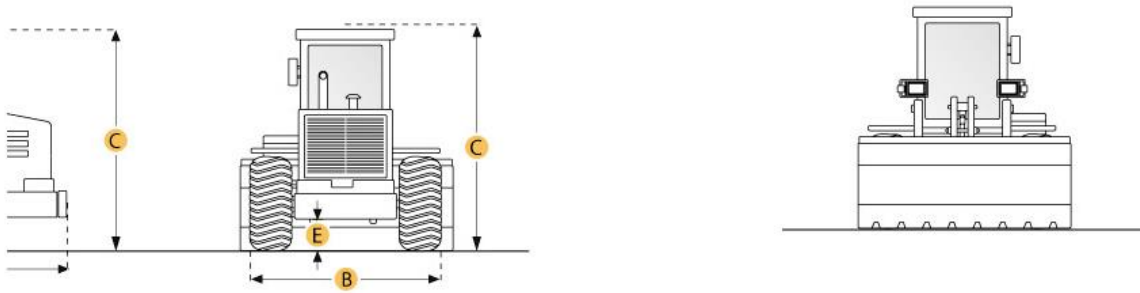
Gross Power 360 hp 268.5 kw

Power Measured @ 1900 rpm

Displacement 659 cu in 10.8 L

Torque Measured @	1400 rpm	
Max Torque	1236.9 lb ft	1677 Nm
Number of Cylinders	6	
Aspiration	turbocharged air to air intercooler	
Operational		
Fuel Capacity	125.7 gal	476 L
Hydraulic System Fluid Capacity	62.3 gal	236 L
Engine Oil Fluid Capacity	9 gal	34 L
Cooling System Fluid Capacity	15.9 gal	60 L
Transmission Fluid Capacity	14.3 gal	54 L
Front Axle/Diff Fluid Capacity	13.2 gal	50 L
Rear Axle/Diff Fluid Capacity	13.2 gal	50 L
Static Tipping Weight	50706 lb	22999.9 kg
Turning Radius	24.2 ft in	7370 mm
Operating Voltage	24 V	
Alternator Supplied Amperage	70 amps	
Rear Axle Oscillation	20 degrees	
Tire Size	29.5R25	
Transmission		
Type	full power shift	
Number of Forward Gears	4	
Number of Reverse Gears	3	
Max Speed - Forward	21.7 mph	35 km/h
Max Speed - Reverse	15.2 mph	24.4 km/h
Hydraulic System		
Pump Type	axial piston	
Relief Valve Pressure	3625.9 psi	25000 kPa
Pump Flow Capacity	122.6 gal/min	464 L/min
Raise Time	6 sec	
Dump Time	1.8 sec	
Lower Time	4.3 sec	
Bucket		
Breakout Force	61373 lb	273 kN
Dump Clearance at Max Raise	11 ft in	3356 mm
Bucket Width	11.2 ft in	3400 mm
Bucket Capacity - heaped	6.3 yd ³	4.8 m ³
Dimensions		
Length with Bucket on Ground	31.3 ft in	9525 mm
Width Over Tires	11.2 ft in	3400 mm

Height to Top of Cab	12.5 ft in	3820 mm
Ground Clearance	1.7 ft in	510 mm
Wheelbase	11.8 ft in	3600 mm
Hinge Pin - Max Height	15 ft in	4584 mm
Reach at Max Lift and Dump	10.2 ft in	3120 mm



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OEM specifications are provided for base units. Actual equipment might vary with options.