

Machine Specifications - L90



Capacity

Tipping Capacity 107,000 lbs (48,534 kg) @ 54" LC
 Rated Capacity 90,000 lbs (40,823 kg) @ 54" LC

Engine

Make and Model Cummins QSX15
 Max Horsepower 535 HP

Drivetrain

Front Axle Double Planetary Reduction
 Transmission Automatic Powershift with 4 Speeds FWD & REV
 Torque Converter Engine Mounted with Pump Drives

Tires

Single Drive Tires
 Front (2) 37.25 x 35 Biased Ply
 Rear (2) 23.50 x 25 Biased Ply

Service Refill Capacities

Fuel Tank 200 Gal (757 liters)*
 Hydraulic Oil 240 Gal (908 liters)*
 Engine w/Filter 11 Gal (42 liters)*
 Cooling System 22.5 Gal (85 liters)*

Cab

Best in class working environment includes the following:

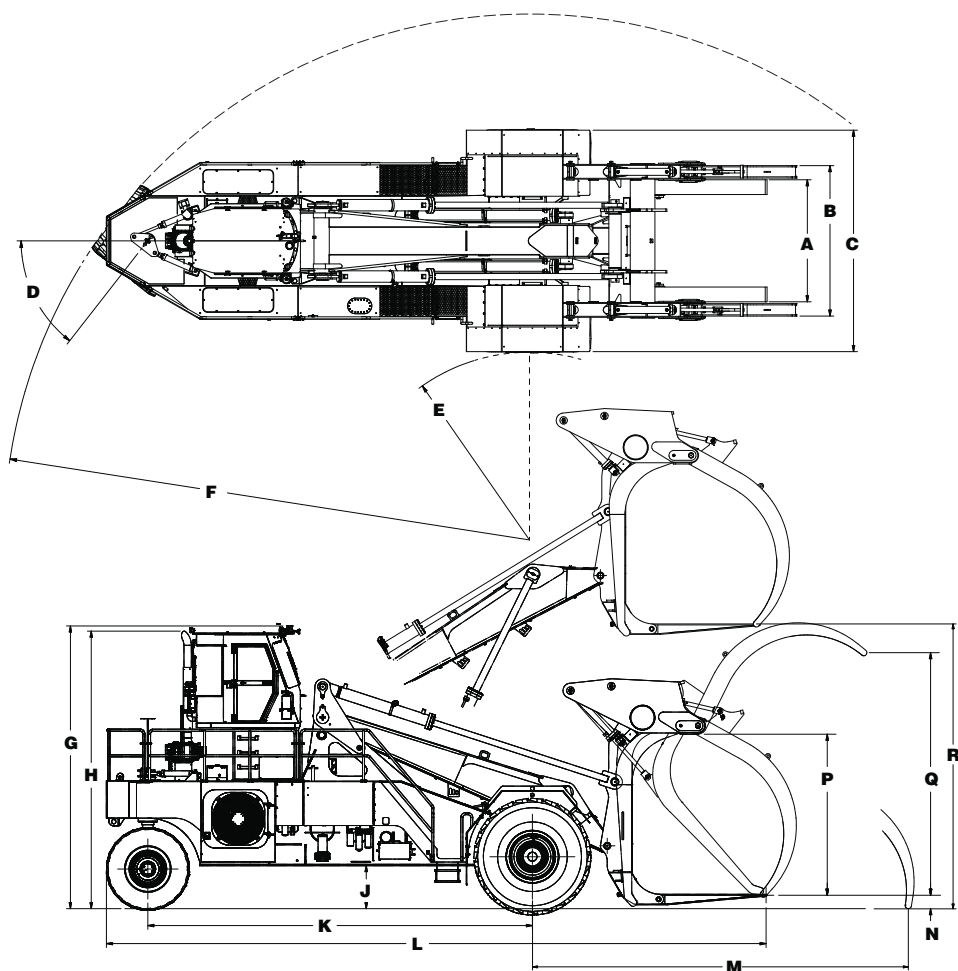
- 72 dB Inside Cab (ISO 6396:2008)
- 360° Visibility
- Convex Front Windshield
- Falling Objects Protection (F.O.P.) Certification
- Heat/AC
- Air Seat Suspension for Operator Comfort
- Cab Isolation from Chassis (Noise/Vibration Reduction)
- Rotating Platform, 90°
- Sliding Windows

Features & Options

- Wet Disc Brakes
- Joystick Steering
- Remote Engine Oil Drain
- Stairwell Access
- Central Lube
- Sight Gauges
- Service Bay
- ANSUL Fire Suppression (Liquid)
- LED Lights
- Front and Rear Cameras
- Warning Beacon
- Converter Lockup

* Approximate

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Dimensions*

A. Width Outside of Tines	7' 10" (2,394 mm)
B. Carriage Width	9' 9" (2,977 mm)
C. Width	15' 0" (4,572 mm)
D. Tailpost Steering Angle	52°
E. Inside Turning Radius	12' 10" (3,912 mm)
F. Swing Radius	35' 11" (10,947 mm)
G. Cab Height (highest point)	19' 2" (5,842 mm)
H. Cab Height	18' 10" (5,740 mm)
J. Ground Clearance	2' 11" (889 mm)
K. Wheelbase	26' 0" (7,925 mm)
L. Length	44' 4" (13,513 mm)
M. Distance from Axle to Holddown Tip	22' 1" (6,731 mm)
N. Ground to Front Tip of Tine	1' 1" (329 mm)
P. Carriage Open Height	10' 1" (3,067 mm)
Q. Hold Down Open Height	16' 1" (4,895 mm)
R. Lift Height	19' 4" (5,893 mm)

Weights*

Unit Weight (Empty)	149,200 lbs (67,700 kg)
Unit Weight (Loaded)	239,200 lbs (108,500 kg)

Cycle Times†:

Raise	9.3 Seconds
Kickoff	2.8 Seconds
Lower, Empty	6.0 Seconds
Total Cycle Time	18.1 Seconds

Speed FWD & REV (Unladen)

1	4.4 mph (7.1 km/h)
2	7.6 mph (12.2 km/h)
3	12.7 mph (20.4 km/h)
4	22.4 mph (36.0 km/h)

* Approximate

† Calculated at 50% of static tipping load