

Machine Specifications - L90



Capacity

Tipping Capacity104,000 lbs (47,173 kg) @ 48" LC
 Rated Capacity80,000 lbs (36,287 kg) @ 48" 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

- Dual Drive Tires
 - Front (4) 24.00 x 35
 - Rear (2) 26.50 x 25
- Biased Ply Tire Construction

Service Refill Capacities

Fuel Tank200 Gal (757 liters)*
 Hydraulic Oil240 Gal (908 liters)*
 Engine w/Filter..... 13 Gal (49 liters)*
 Cooling System22.5 Gal (85 liters)*

Cab

Best in class working environment includes the following:

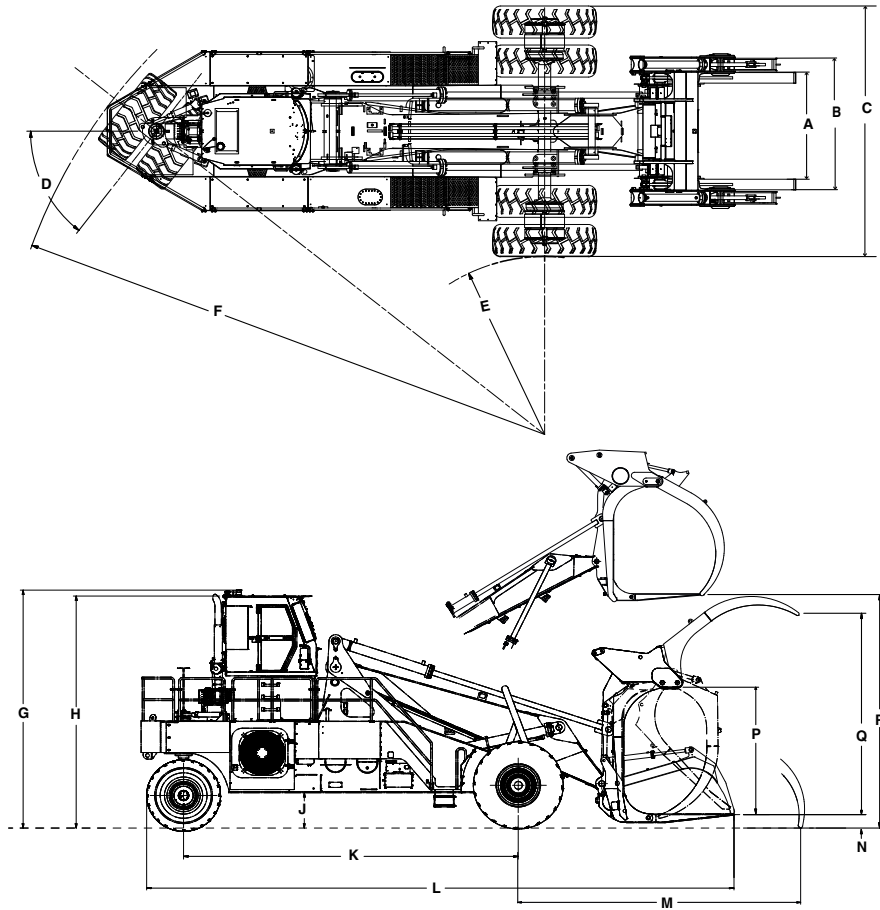
- 72 dB Inside Cab (ISO 6396:2008)
- 360° Visibility
- Convex Front Windshield
- Falling Objects Protection (F.O.P.) Certification
- Heat/AC
- Air Seat Suspension for Operator Comfort
- Cab Isolation from Chassis (Noise/Vibration Reduction)
- Rotating Platform, 90°
- Sliding Windows

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	16' 9" (5,112 mm)
D. Tailpost Steering Angle	52°
E. Inside Turning Radius	11' 11" (3,635 mm)
F. Swing Radius	36' 7" (11,156 mm)
G. Cab Height (highest point)	19' 1" (5,805 mm)
H. Cab Height	18' 7" (5,661 mm)
J. Ground Clearance	2' 10" (864 mm)
K. Wheelbase	26' 0" (7,925 mm)
L. Length	45' 7" (13,906 mm)
M. Distance from Axle to Holddown Tip	24' 11" (7,598 mm)
N. Ground to Front Tip of Tine	1' 1" (329 mm)
P. Carriage Open Height	10' 0" (3,048 mm)
Q. Hold Down Open Height	16' 1" (4,895 mm)
R. Lift Height	22' 11" (6,991 mm)

Weights*

Unit Weight (Empty)	156,500 lbs (70,987 kg)
Unit Weight (Loaded)	236,500 lbs (107,274 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