

Machine Specifications - L490



Capacity

Tipping Capacity107,000 lbs (48,534 kg) @ 54" LC
 Rated Capacity90,000 lbs (40,823 kg) @ 54" LC

Engine

Make and Model Cummins QSX15
 Max Horsepower 535 HP

Drivetrain

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

Tires

Single Drive Tires Standard
 Front(2) 37.25 x 35
 Rear(2) 29.5 x 29
 Dual Drive Tires Optional
 Front(4) 24.00 x 35
 Rear(2) 29.5 x 25
 Biased Ply Tire Construction Standard
 Radial Tire Construction Optional

Service Refill Capacities

Fuel Tank200 Gal (757 liters)*
 Hydraulic Oil240 Gal (908 liters)*
 Engine w/Filter 11 Gal (42 liters)*
 Cooling System22.5 Gal (85 liters)*

* Approximate

Cab

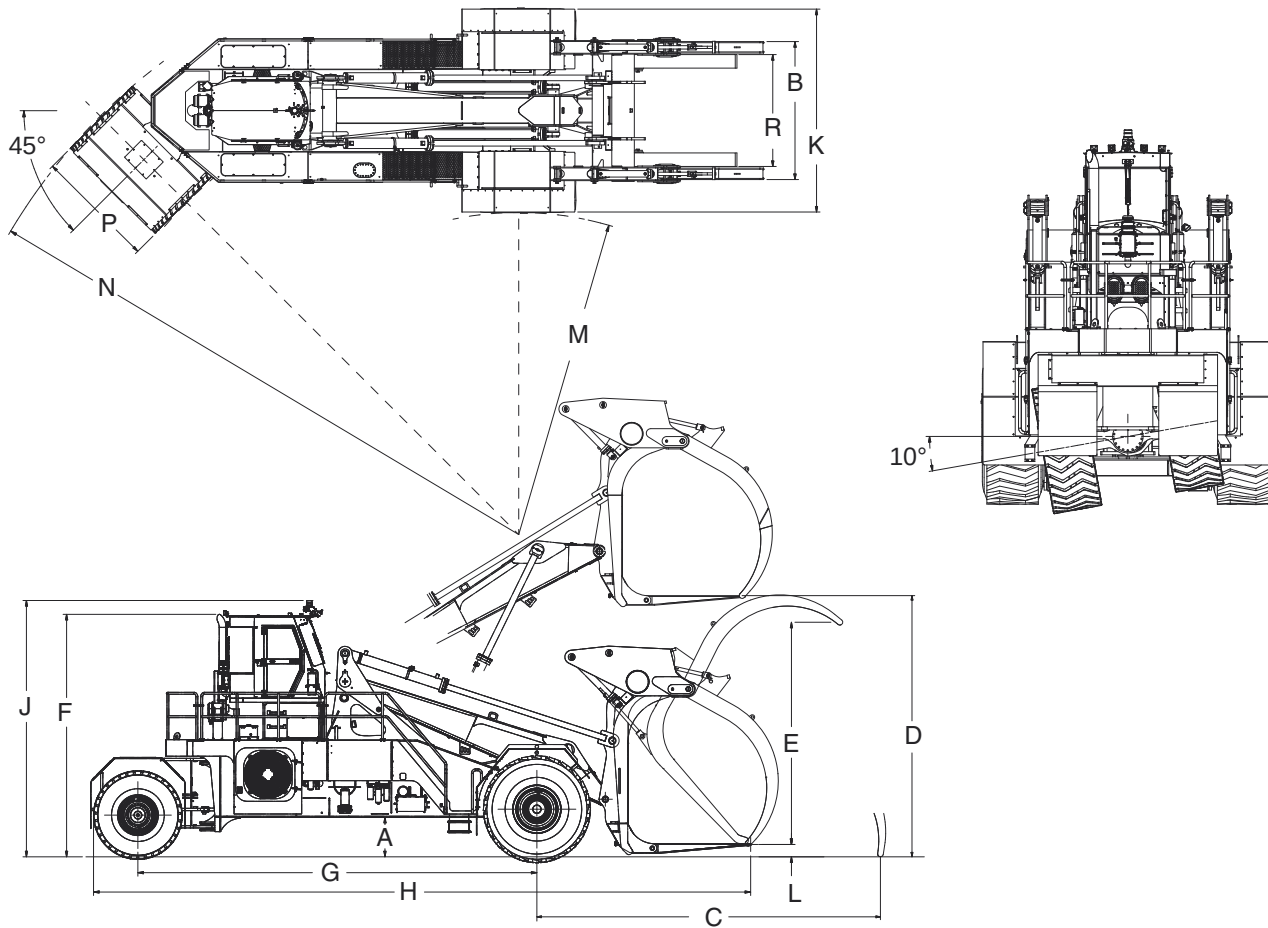
Best in class working environment includes the following:

- 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
- Joystick Steering

Features & Options

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

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Dimensions*

A. Ground Clearance	2' 11" (889 mm)
B. Carriage Width	10' 2" (3,108 mm)
C. Distance from Axle to Holddown Tip for Reach	25' 5" (7,744 mm)
D. Lift Height	19' 4" (5,886 mm)
E. Mouth Opening	16' 5" (5,272 mm)
F. Cab Height	17' 11" (5,463 mm)
G. Wheelbase	29' 6" (8,992 mm)
H. Length	48' 7" (14,808 mm)
J. Cab Height (highest point)	18' 11" (5,776 mm)
K. Width	15' 0" (4,572 mm)
L. Ground to Front Tip of Tine	11" (278 mm)
M. Inside Turning Radius	24' 1" (7,329 mm)
N. Swing Radius	44' 2" (13,466 mm)
P. Width Outside of Bogie Tires	9' 3" (2,830 mm)
R. Width Across Tines	8' 3" (2,521 mm)

Weights*

Unit Weight (Empty)	150,000 lbs (68,039 kg)
Unit Weight (Loaded)	240,000 lbs (108,862 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