

Machine Specifications - L100-338



Capacity

Tipping Capacity @ 48" Load Center....104,000 lbs (47,174 kg)
 Rated Capacity @ 48" Load Center....90,000 lbs (40,823 kg)

Engine (Tier 4 Final)

Make and ModelCaterpillar C15
 Max Horsepower540 HP

Drivetrain

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

Cycle Times†:

Raise9.3 Seconds
 Kickoff2.8 Seconds
 Lower, Empty6.0 Seconds
 Total Cycle Time18.1 Seconds

† Calculated at 50% of static tipping load

Speed (Unladen):

1.....4.0 mph (6.4 km/h)
 2.....6.9 mph (11.1 km/h)
 3.....11.6 mph (18.7 km/h)
 4.....20.5 mph (33.0 km/h)

Tires

- Dual Drive Tires
 Front (4) 24.00 x 35
 Rear (2) 29.5 x 25
- Bias Ply Tire Construction

Cab

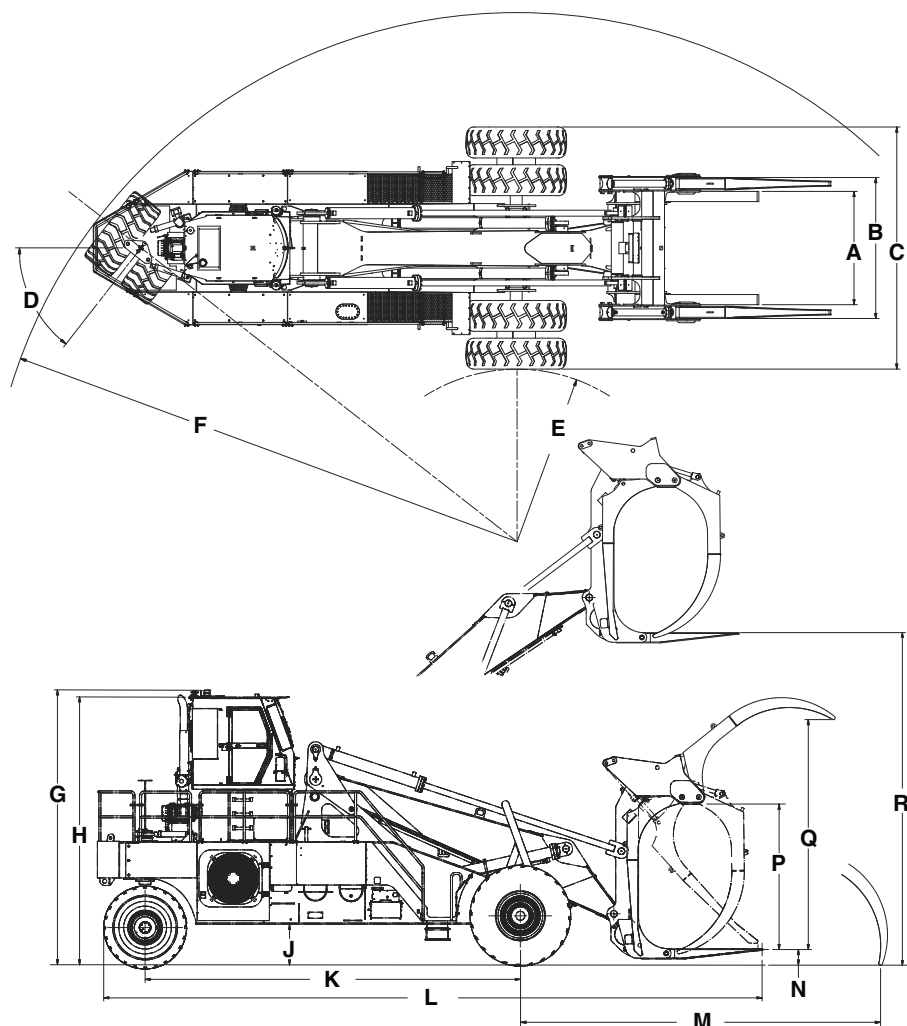
Best in class working environment includes the following:

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

Features & Options

- Wet Disc Brakes
- Remote Engine Oil Drain
- Dual Lighted Stairway Access
- Central Lube
- Sight Gauges
- Ground Level Service Bay
- ANSUL Fire Suppression (Liquid)
- LED Lights
- Warning Beacon

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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' 1" (3,067 mm)
Q. Hold Down Open Height.....	16' 1" (4,895 mm)
R. Lift Height	22' 11" (6,991 mm)

Weights*

Unit Weight (Empty).....	170,000 lbs (77,111 kg)
Unit Weight (Loaded).....	270,000 lbs (122,470 kg)

Carriage Tilt Angles:

Forward Tilt @ Max Height	23°
Backward Tilt @ Ground Level	23°
Backward Tilt @ Max Height	52°

* Approximate