

Machine Specifications - LC90-201



Engine

Make and Model Cummins Tier 4 QSL-9
Max Horsepower 430 HP @ 2100 rpm
Max Torque 1361 ft-lbs @ 1500 rpm

Air Cleaner

Two Stage Dry Type

Electrical System

Type 24 Volt Negative Ground/24 Volt Start
Alternator 110 AMP
Batteries (2) 12 Volt-8D @ 1,300 Cold Cranking Amps

Torque Converter

Engine Mounted With Pump Drives

Hydraulic System

Load Sense

Transmission

Selectable, Automatic Power Shift; 2 Speeds FWD/REV

Range	Ratio	Speed (Unladen)
1.....	4.07:1	3.3 mph (5.3 km/h)
2.....	2.27:1	6.0 mph (9.7 km/h)

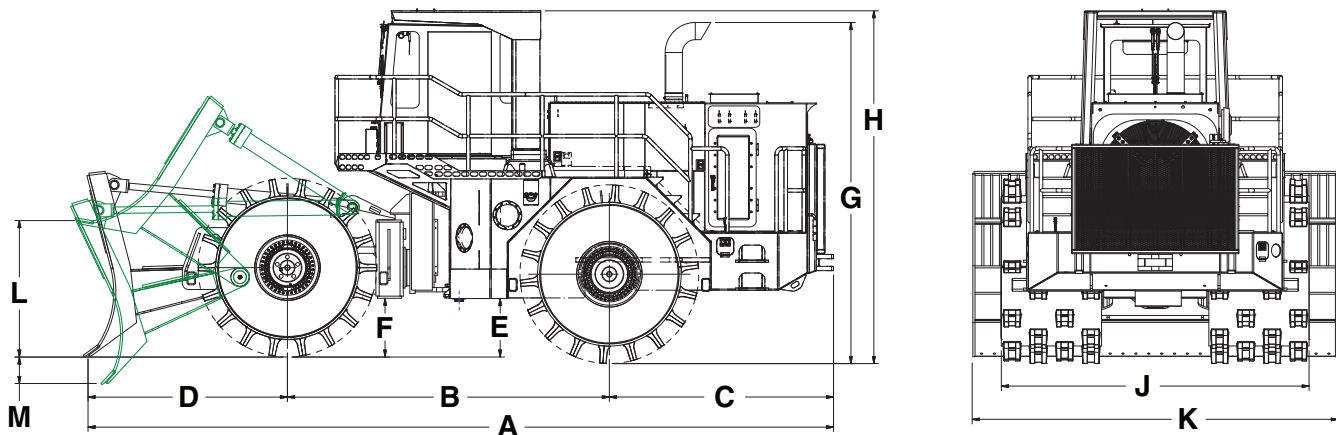
Axles

Chassis No Spin w/Brakes
Bogie Limited Slip w/o Brakes
Type Double Planetary Reduction
Brakes Hydraulic Wet Disc

Service Refill Capacities (approximate)

Fuel Tank 190 Gals (719 liters)
Hydraulic Oil 110 Gals (416 liters)
Crankcase (Refill) 12 Gals (45 liters)
Cooling System 20 Gals (76 liters)

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Note: Shown with Straight Blade

Dimensions (approximate)

A. Length with Blade on Ground (straight blade)	29' 0" [8,827 mm]
B. Wheelbase	12' 6" [3,812 mm]
C. Center Line of Rear Axle to Rear	8' 9" [2,654 mm]
D. Center Line of Front Axle to Front of Blade	7' 9" [2,361 mm]
E. Ground Clearance	2' 3" [693 mm]
F. Ground Clearance under Bogie	2' 3" [696 mm]
G. Height to Top of Exhaust Pipe	13' 3" [4,038 mm]
H. Height to ROPS/Canopy	13' 8" [4,177 mm]
J. Width over Wheels	12' 0" [3,645 mm]
K. Blade Width	14' 2" [4,318 mm]
L. Maximum Blade Height above Grade	5' 4" [1,616 mm]
M. Minimum Blade Height below Grade	12" [314 mm]

Weights and Functions

Operating Weight 90,000 lbs (41,000 kg)

Articulation40° each way

Oscillation15° each way