

Machine Specifications - LC120-201



Engine

Make and ModelCummins Tier 4 QSX-15
Max Horsepower535 @ 2100 RPM
Max Torque 1950 Ft/Lbs @ 1400 RPM

Air Cleaner

Two Stage Dry Type

Electrical System

Type24 Volt Negative Ground/24 Volt Start
Alternator 110 AMP
Circuit Breakers (lights) 30 AMP
Circuit Breakers (accessory) 20 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)

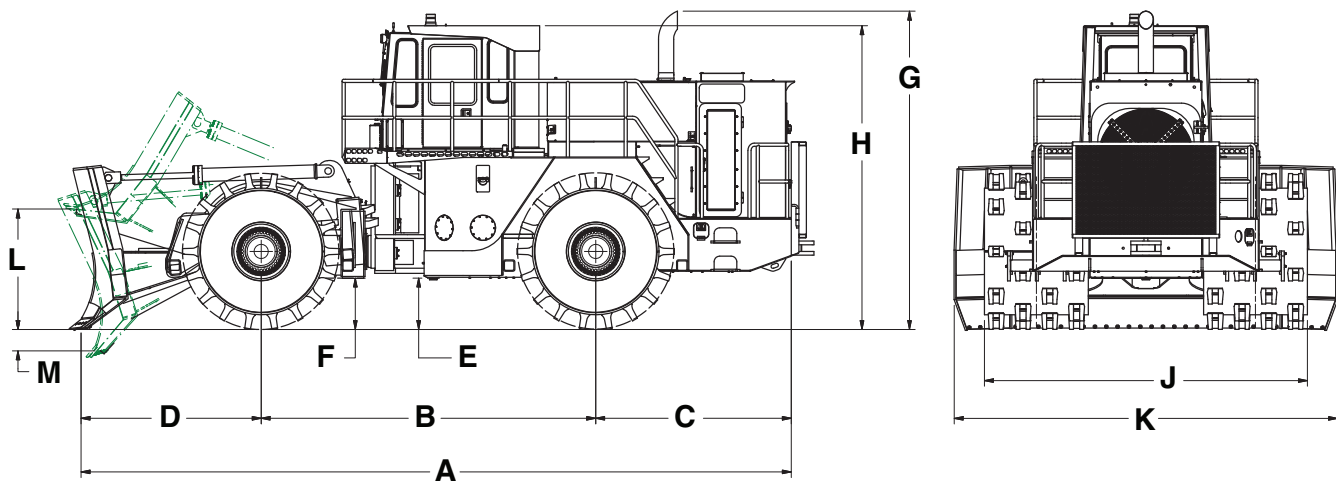
Axles

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 185 Gals (700 liters)
Hydraulic Oil 105 Gals (397 liters)
Crankcase (Refill) 12 Gals (45 liters)
Cooling System 18 Gals (87 liters)

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Note: Shown with Semi-U Blade

Dimensions (approximate)

A. Length with Blade on Ground (semi-U blade)	31' 4" [9550]
B. Wheelbase	14' 9" [4496]
C. Center Line of Rear Axle to Rear	8' 8" [2642]
D. Center Line of Front Axle to Front of Blade	7' 11" [2413]
E. Ground Clearance	2' 3" [686]
F. Ground Clearance under Bogie	2' 3" [686]
G. Height to Top of Exhaust Pipe	14' 1" [4293]
H. Height to ROPS/Canopy	13' 5" [4089]
J. Width over Wheels	14' 3" [4343]
K. Blade Width	16' 11" [5156]
L. Maximum Blade Height above Grade	5' 4" [1626]
M. Minimum Blade Height below Grade	11" [279]

Weights and Functions

Operating Weight 120,000 lbs (54,000 kg)

Articulation40° each way

Oscillation15° each way