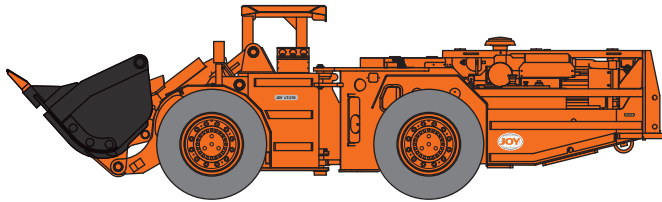




LT-270

Load Haul Dump



Capacities

Tramming Capacity	2,722 kg	6,000 lbs
Hydraulic Breakout Force Lift	6,043 kg	13,322 lbs
Hydraulic Breakout Force Tilt	5,372 kg	11,844 lbs
SAE Breakout Force	4,735 kg	10,441 lbs
SAE Static Tipping Load	9,662 kg	21,301 lbs
Bucket	1.2 m ³	1.5 yd ³

Weights

Operating Weight	9,570 kg	21,095 lbs
Total Loaded Weight	12,290 kg	27,095 lbs
Axle Weight without Load		
Front Axle	3,983 kg	8,777 lbs
Rear Axle	5,587 kg	12,318 lbs
Axle Weight with Load		
Front Axle	8,171 kg	18,015 lbs
Rear Axle	4,119 kg	9,080 lbs

Driving Speeds F & R (0% Grade) Loaded

1st Gear	3.5 km/h	2.2 mph
2nd Gear	6.9 km/h	4.3 mph
3rd Gear	18.0 km/h	11.2 mph

Bucket Motion Times (+/-1 s)

Dump Time	5.0 s
Rollback Time	4.0 s
Raising Time	3.0 s
Lowering Time	2.0 s

Articulation Motion Times (+/-1 s)

Turning Time: Right	2.5 s
Turning Time: Left	3.0 s

Powertrain

Engine	Cummins QSB 3.3
Output	74 kW (99 hp) @2200 rpm

General

Air Filtration	Donaldson (dry type)
Exhaust System	Doc
Fuel Tank Capacity	140 litres 37 USG

Converter

Dana C270 series

Transmission

Dana T20000 series

Shifting	Powershift c/w modulation
Speeds	3 Forward / 3 Reverse (optional lock-out)

Axles

Front & Rear	Dana163
Differential	No-Spin
Brakes	Hydraulically-applied
Oscillation Angle	+/- 7 deg

Tires

Size	Bias L5S 9.50 x 20
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Hydraulics

Bucket Hydraulics

Variable displacement piston pump with load-sensing, closed center circuit design for optimal efficiency. Available oil flows from the steering/brake circuit to the bucket hoist/dump circuit to decrease cycle time. Single stage double-acting dual hoist cylinders with single stage, double-acting dump cylinder.

Steering Hydraulics

Variable displacement piston pump with load-sensing, closed center circuit design. Monostick steering with single stage, double-acting steer cylinder.

Brake System

Service brakes are hydraulically-applied, spring-released, enclosed wet multi-disk brakes. Parking and emergency brake is a spring-applied and a hydraulically-released dry disk brake on driveline.

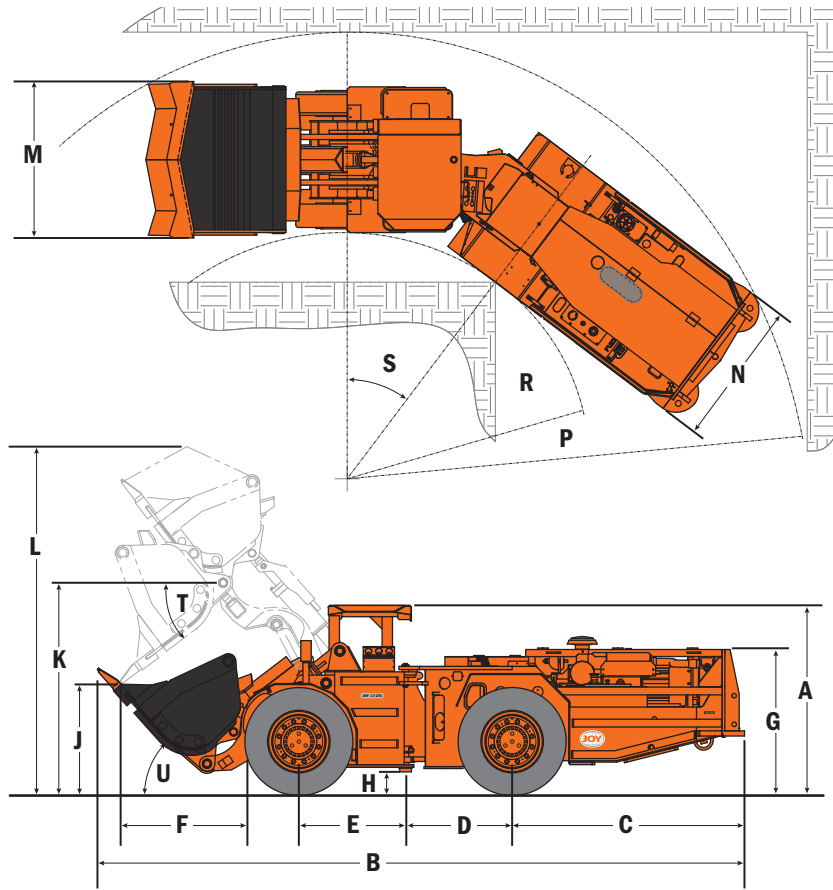
Hydraulic Tank Volumes	120 litres 32 US Gal
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Electrical Equipment

Alternator	24V/75A Bosch
Batteries	2 x 12VDC
Starter	24V heavy duty
Driving & Working Lights	2 Front / 2 Rear (LED)

Structural

Front & Rear Frames	Welded steel box construction
Material	ASTM A572 GR50 (CSA G40.21-50W)
Bucket	Nibasin cast cutting edge



Overall Dimensions

A	Height to top of canopy	1895 mm	6 ft 2.5 in
B	Tramming length	6365 mm	20 ft 10.5 in
C	Length - rear axle to bumper	2288 mm	7 ft 6 in
D	Centre hinge to rear axle	1041 mm	3 ft 5 in
E	Centre hinge to front axle	1045 mm	3 ft 5 in
F	Reach	1218 mm	4 ft
G	Height to top of hood	1420 mm	4 ft 8 in
H	Height - ground clearance	163 mm	6.5 in
J	Height - dump clearance	1020 mm	3 ft 4 in
K	Height - bucket pin	2034 mm	6 ft 8 in
L	Height - bucket raised	3266 mm	10 ft 8.5 in
M	Width overall	1514 mm	4 ft 11.5 in
N	Max width RF	1422 mm	4 ft 8 in
P	Outside radius	4374 mm	R 14 ft 4 in
R	Inside radius	4374 mm	R 7 ft 10 in
S	Turn angle		37 deg
T	Dump angle		38 deg
U	Roll back angle		50 deg

Options

- Automatic lubrication system
- Canopy (FOPS/ROPS certified)
- Ejecto bucket
- Electric transfer pump
- Fire suppression system
- Optional bucket volumes
- Remote control
- Spare tire & rim

(Other options available – ask your Joy Global sales representative)



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