



Max. Gross Machine Weight
Net Machine Weight
Payload
Engine
Rated Power

Struck Capacity
Heaped Capacity (SAE 2:1)

81,800 kg
36,800 kg
45,000 kg
QSX15
388 kW (520 hp / 528 ps)
@ 2,100 rpm
21.8 m³
29.8 m³

DR50C MINING TRUCK

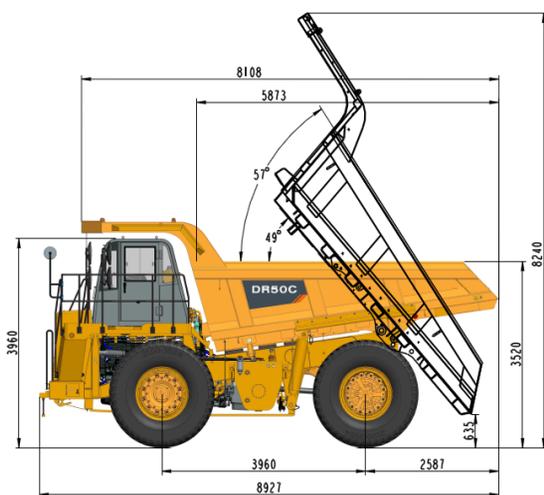
DR50C SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	QSX15
Rated Power	388 kW (520 hp / 528 ps) @ 2,100 rpm
Peak Torque	2,365 N·m @ 1,400 rpm
Displacement	15 L (4.0 gal)
Number of Cylinders	6

TRANSMISSION		
Model	Allison 4800	
Gear	Driving Ratio	Max. Travel Speed
F1	7.63	5.2 km/h
F2	3.51	11.3 km/h
F3	1.91	20.8 km/h
F4	1.43	27.8 km/h
F5	1.00	39.8 km/h
F6	0.74	53.7 km/h
F7	0.64	55.0 km/h
R1	4.80	7.5 km/h
R2	17.12	2.2 km/h

REAR AXLE	
Differential Ratio	3.414
Planetary Ratio	5.8
Total Reduction Ratio	19.8

HOIST SYSTEM	
Raise Time	15 sec
Lower Time	12 sec



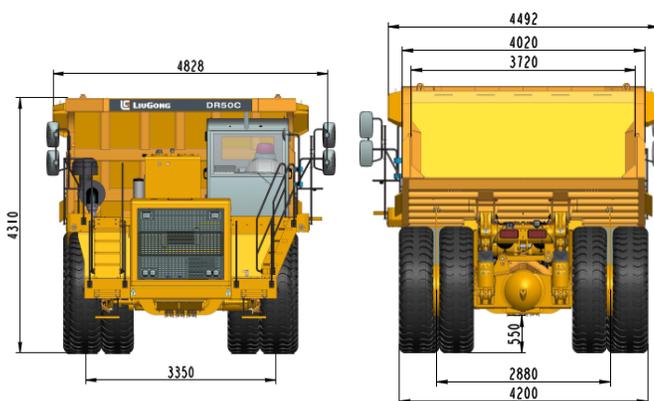
PERFORMANCE	
Max. Steering Angle	38°
Max. Swing Angle	±6.5°
Front Suspension Stroke	305 mm
Rear Suspension Stroke	207 mm

DUMP BODY	
Bottom Plate Thickness	16 mm
Front & Side Plate Thickness	10/10 mm
Struck Capacity (SAE)	21.8 m ³
Heaped Capacity (2:1) (SAE)	29.8 m ³

TIRES	
Rim Size	15.00/3.0-35
Tire Size	21.00-35/36PR(E4)

SERVICE CAPACITY		
Fuel Tank	550 L	145.3 gal
Crankcase	60 L	15.9 gal
Transmission	68 L	18.0 gal
Cooling System	170 L	45 gal
Hydraulic System	350 L	91.9 gal
Wheel Gear Reduction (Total)	45 L	11.9 gal
Differential	50 L	13.2 gal
Front Suspension (Each)	15 L	4.0 gal
Rear Suspension (Each)	17 L	4.5 gal

WEIGHT DISTRIBUTION		
Rated Load	Front Axle	Rear Axle
Empty Load	52%	48%
Full Load	34%	66%



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

10/2024 Designed by Liugong
 Replace the previous versions of 08/2020