



Max. Gross Machine Weight	81,800 kg
Net Machine Weight	36,800 kg
Payload	45,000 kg
Engine	QSX15
Rated Power	388 kW (520 hp / 528 ps) @ 2,100 rpm
Struck Capacity	21.8 m ³
Heaped Capacity (SAE 2:1)	29.8 m ³

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	2,440 N m @ 1,400 rpm	
Displacement	15 L (4.0 gal)	
Number of Cylinders	6	

TRANSMISSION

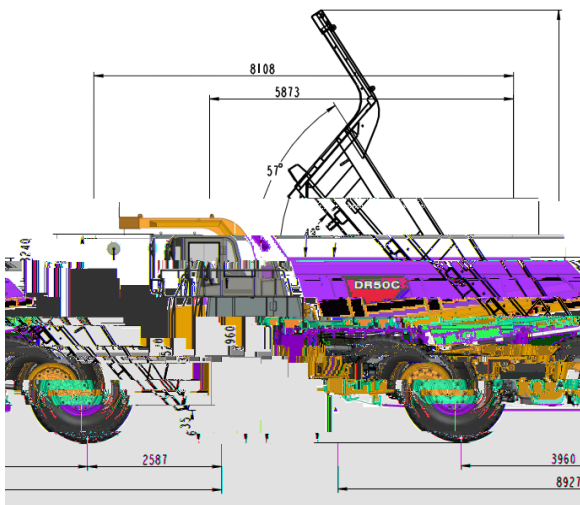
Model	Allison 4800	
Gear	Driving Ratio	Max. Travel Speed
F1	7.63	5.2 km/h
F2	3.51	11.3 km/h
F3	1.91	20.8 km/h
F4	1.43	27.8 km/h
F5	1.00	39.8 km/h
F6	0.74	53.7 km/h
F7	0.64	55.0 km/h
R1	4.80	7.5 km/h
R2	17.12	2.2 km/h

REAR AXLE

Differential Ratio	3.414
Planetary Ratio	5.8
Total Reduction Ratio	19.8

HOIST SYSTEM

Raise Time	12 sec
Lower Time	9 sec



PERFORMANCE

Max. Steering Angle	38°
Max. Swing Angle	6.5°
Front Suspension Stroke	220 mm
Rear Suspension Stroke	220 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

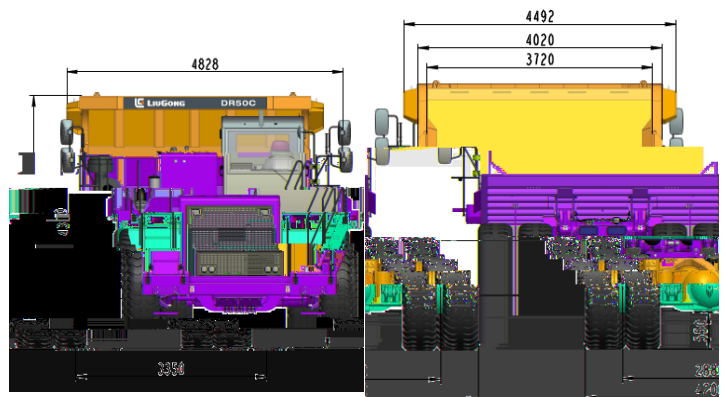
Rim Size	15.00/3.0-35
Tire Size	21.00-35/36PR(E4)

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	50%	50%
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 table.

06/2025 Designed by LiuGong
Replace the previous versions of 08 2020