LiuGong



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

TOUGH WORLD. TOUGH EQUIPMENT.

DR50C SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Manufaturer	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

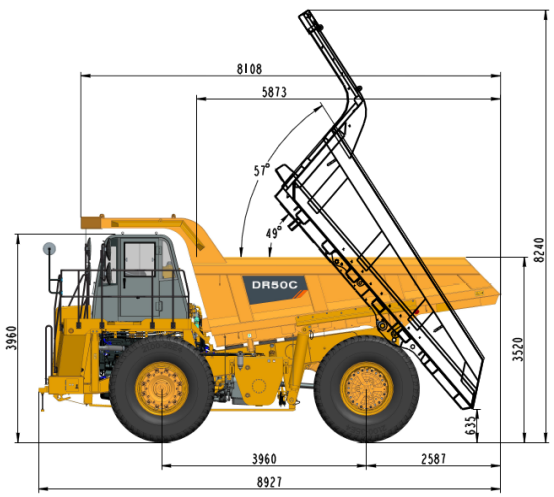
PERFORMANCE	
Max. Steering Angle	38°
Max. Swing Angle	±6.5°
Front Suspension Stroke	220 mm
Rear Suspension Stroke	220 mm

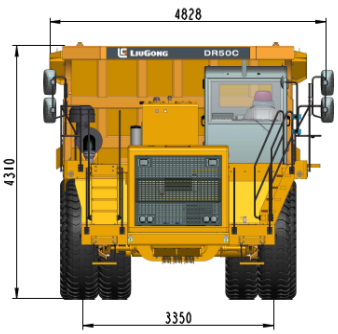
DUMP BODY	
Bottom Plate Thickness	16 mm
Front & Side Plate Thickness	10/10 mm
Struck Capacity (SAE)	21.8 m^3
Heaped Capacity (2:1) (SAE)	29.8 m^3

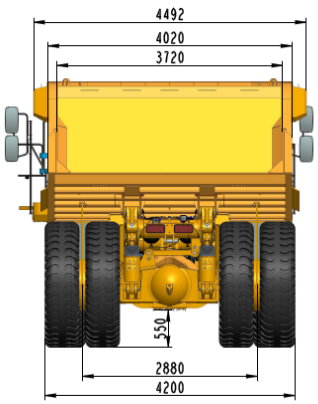
TIRES	
Rim Size	15.00/3.0-35
Tire Size	21.00-35/36PR(E4)

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 file.