



Max. Gross Machine Weight	169,000 kg
Net Machine Weight	72,000 kg
Payload	97,000 kg
Engine	Cummins M15×2
Rated Power	1126 kW (1510 hp / 1531 ps) @ 2,100 rpm
Max. Speed	55 km/h
Struck Capacity	46 m ³
Heaped Capacity (SAE 2:1)	63 m ³

DE100C MINING TRUCK

DE100C SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Stage III
Manufacturer	Cummins M15*2
Model	M15
Rated Power	563*2 kW (1510 hp / 1531 ps) @ 2,100 rpm
Peak Torque	3,000*2 N·m @ 1,400 rpm
Displacement	14.5*2 L (3.83*2 gal)

DRIVE MOTOR	
Motor Type	AC Asynchronous Motor
Rated / Peak Power	940 kW (1,261 hp / 1,278 ps) / 1,009 kW (1,353 hp / 1,372 ps)
Rated / Peak Speed	900 / 3,500 rpm
Cooling Mode	Forced Ventilation

DRIVE AXLE	
Suspension	Hydro-Pneumatic
Differential Ratio	2.16
Planetary Ratio	13.75
Total Reduction Ratio	29.7
Continuous Climbing Capacity (8% Gradient, 2% Rolling Resistance)	Load: > 17 km/h Unload: > 36 km/h
Max. Gradeability	≥32%

WEIGHT DISTRIBUTION	
Empty Load	Front Axle: 55% Rear Axle: 45%
Full Load	Front Axle: 33% Rear Axle: 67%

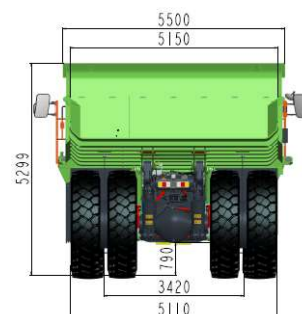
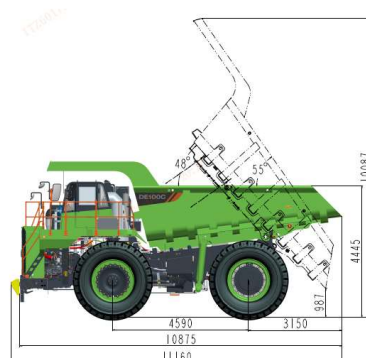
BRAKING	
Braking Type	Service Brake/Parking / Emergency /Loading Brake/ Urgency Brake
Service Brake Type	Front Dry And Rear Wet
Braking Distance	≤12.3 m

TIRE AND RIM	
Tire Size	27.00R49
Rim	19.5×49

STEERING	
Steering System	Full Hydraulic Dynamic Load Sensing
Turning Radius	≤10,600 mm
Max. Steering Angle	40°

DIMENSIONS	
Overall Length	10,875 mm
Overall Width	6,863 mm
Overall Height	5,299 mm
Loading Height	4,445 mm
Wheel Base	4,590 mm
Wheel Tread	4,200 + 3,420 mm
Min. Ground Clearance	790 mm

HOIST SYSTEM	
Hoist Mode	External double cylinder frame
Raise Time	≤15 s
Lower Time	≤15 s



Unit: mm

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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.

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