



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

Max. Speed
Struck Capacity
Heaped Capacity (SAE 2:1)

169,000 kg
72,000 kg
97,000 kg
Cummins M15x2
1126 kW (1510 hp / 1531 ps) @
2,100 rpm
55 km/h
46 m³
63 m³

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

