



**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 M15×2

1126 kW (1510 hp / 1531 ps) @

2,100 rpm

55 km/h

46 m<sup>3</sup>

63 m<sup>3</sup>

# **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	Wet
Braking Distance	21.58 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	750 mm

## HOIST SYSTEM

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

