

DEVELOPED FOR AUSTRALIAN MINE SITES



HAUL TRUCK

XDE320

Product Specifications

LOADING CAPACITY	300 t
RATED POWER	2014 kW / 1800 rpm
VEHICLE TOTAL MASS	510 t
ENGINE	MTU 16V4000

SPECIFICATIONS

XCMG's XDE320 Mining Truck has been developed and delivered to Australian standards to meet current and future needs, ideal for mining applications. Featuring a high performance engine, advanced AC frequency conversion electric drive system, comfortable operating experience, easy maintenance, advanced drive control, and full-view drive auxiliary video system.

FEATURES

■ HIGH PERFORMANCE ENGINE

Electronic control diesel engine, single-stage turbo charging, fuel economic and powerful; engine monitoring system can continuously detect cylinders working conditions, which can help prolong engine service life and reduce cost of use.

■ HIGH STRENGTH

The truck's box-section design and production from high-quality alloy steel plates, gives it anti-fatigue strength, low-temperature impact resistance and good welding performances. Crucial stress-bearing positions are made of steel casts, which extend the service life.

The wagon is welded by a high-strength anti-wear plate and low-alloy high-strength quenched and tempered steel, which ensures a long service life. The lightweight design largely reduces the wagon weight, improves transportation efficiency and reduces fuel consumption.

■ ADVANCED DRIVE SYSTEM

Alternating current drive system makes operation safe and reliable, lowering failure rate and reducing maintenance costs. This system provides constant power control and stepless speed regulation, offering strong traction and ensuring maximised productivity.

■ COMFORT & SAFETY

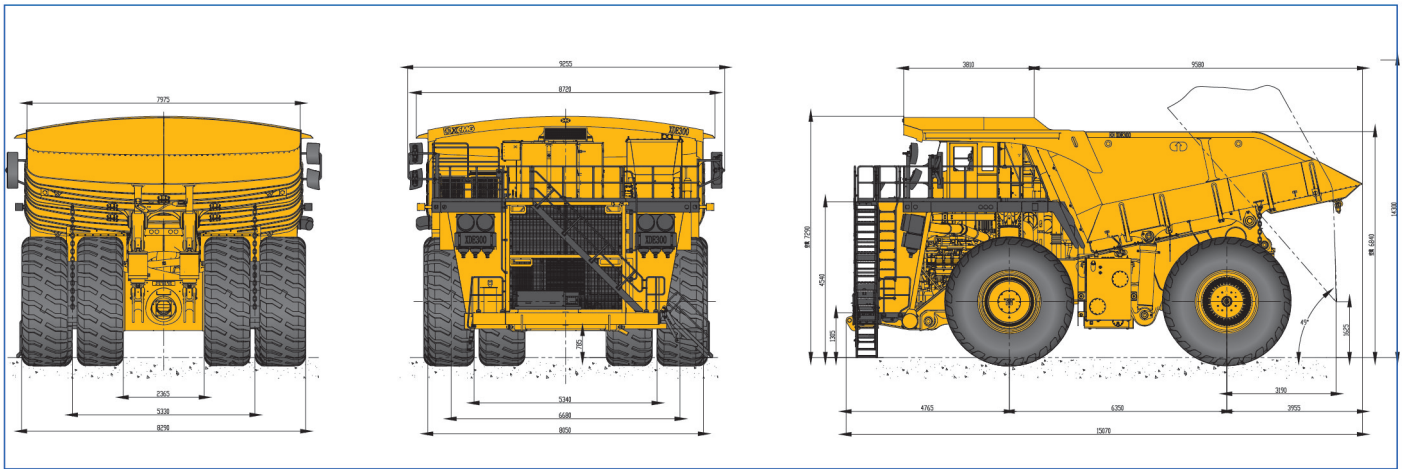
The ROPS & FOPS cab meets ISO standards. Its ergonomic design enlarges interior space and broadens the operator's field of view. Seats can be adjusted to a comfortable position relative to the joysticks and foot pedal. Featuring an integrated control panel, enlarged skylight and sun shade, multiple storage boxes, heat/ cold storage boxes, and adjustable steering column. Air conditioning and lower noise, secure driver's working safety and increase the comfort level of the driving experience.



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TECHNICAL SPECIFICATIONS

WEIGHT & DIMENSIONS

Rated payload	300000 kg
Empty weight	210000 kg
Gross vehicle weight	510000 kg
Overall truck length	15360 mm
Overall truck width	9100 mm
Front canopy height	7350 mm
Tire centre distance (F/R)	6210/5360 mm
Wheelbase	6350 mm

WEIGHT DISTRIBUTION

Unloaded front axle	50%
Unloaded rear axle	50%
Loaded front axle	33%
Unloaded rear axle	67%

SERVICE CAPACITIES

Fuel Tank	4500 L
Cooling system	800 L
Hydraulic tank	1180 L
Crankcase	280 L

POWERTRAIN

Engine	
Rated power	2014 kW / 1800 rpm
Max torque	11310 Nm / 1700 rpm
Drive	4 x 2
Tire	53/80R63

DRIVING PERFORMANCE

Max. vehicle speed	64.5 km/h
Min. turning diameter	29.2 m
Max. gradeability	18%

WORKING PARAMETERS

Loading height	7040 mm
Lifting time	24 s

BODY

Standard flat loading	171 m ³
2:1 stacking	211 m ³

