



READY TO PERFORM



HAUL TRUCK

XDE200

Product Specifications

LOADING CAPACITY

180 t

RATED POWER

1510 kW

VEHICLE TOTAL MASS

320 t

ENGINE

Cummins QSK50

SPECIFICATIONS

The XCMG's XDE200 is an electric drive rigid dump truck specifically designed for mining conditions.

FEATURES

■ HIGH PERFORMANCE ENGINE

An electronically controlled diesel engine provides good fuel economy and sufficient power. Utilising an advanced modular common rail fuel system, the XDE200 delivers high combustion efficiency, low emissions, and sufficient dynamics. It's advanced fully electric control system, with double electronic-control modules, ensures the best performance of the engine at various altitudes and load conditions. Engine monitoring system can continuously detect cylinders working conditions, which can help prolong engine service life and reduce cost of use.

■ ADVANCED DRIVE CONTROL TECHNOLOGY

The advanced drive control technology of independent intellectual property rights, including adhesion control, anti-slip drive, drive power steering adaptation, anti-slip slope control, electronic differential, and more. All of these integrated technologies can reduce tire wearing and extend tire service life. Constant power control and stepless speed regulation, offers strong traction and ensures maximised productivity.

■ COMFORT & SAFETY

ROPS & FOPS cab meets ISO standards. Large windows, a spacious cab, and air conditioning provide a safe and comfortable working environment. The pilot and co-pilot seats are adjustable through high gas suspension damping adjusters.

■ HIGH STRENGTH

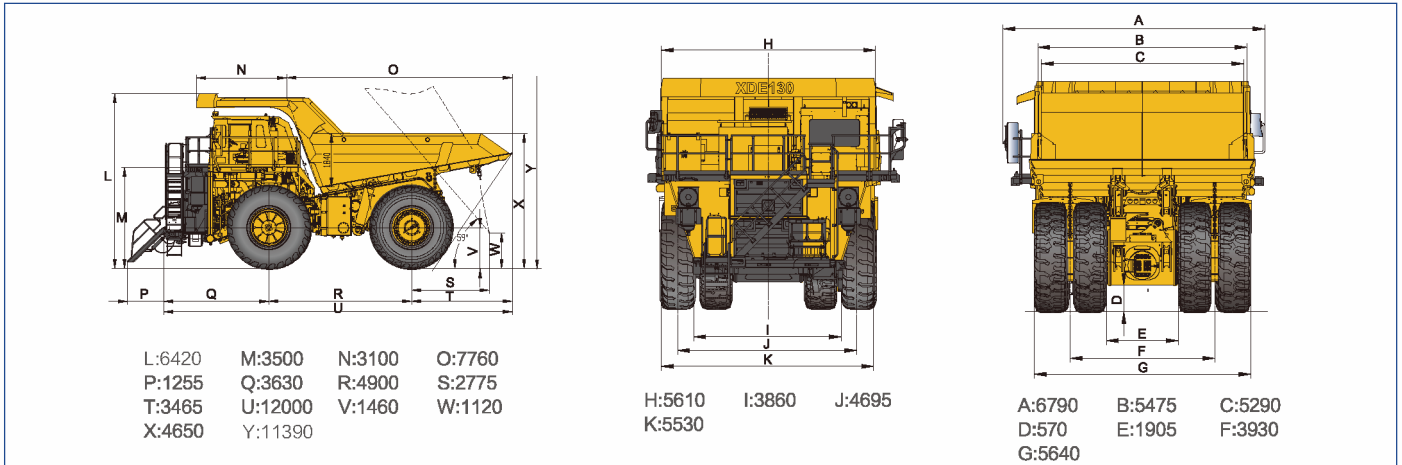
The truck has a box-section design and is made of high-quality alloy steel plates, which gives it anti-fatigue strength, low-temperature impact resistance and good welding performances. Crucial stress-bearing positions are made of steel casts, which extend the service life. Wagon is welded by high-strength anti-wear plate and low-alloy high-strength quenched and tempered steel, which ensures a long service life; a lightweight design can largely reduce wagon weight, improve transportation efficiency and reduce fuel consumption.



☎ 1300 BROOKS (276 657)

@ sales@brooksequipment.com.au

🌐 www.brooksequipment.com.au



TECHNICAL SPECIFICATIONS

DIMENSIONS

Overall truck length	13800 mm
Overall truck width	7300 mm
Front Canopy Height	6850 (lift)
Tire centre distance (F/R)	5640/4770 mm
Wheelbase	5885 mm
Body raised height	13280 mm

WEIGHT

Gross vehicle weight	324000 kg
Payload	186000 kg
Empty vehicle weight	138000 kg

WEIGHT DISTRIBUTION

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

POWER TRAIN

Engine	Cummins QSK50
Rated power	1492/1900 kW/rpm
Max. torque	7871/1500 N.m/rpm
Drive	4 x 2
Tire	33.00R57

ELECTRONIC DRIVE SYSTEM

Transmission mode	GE200AC electric drive
Alternator	GTA49
Wheel motor	GEB38
Reduction ratio	26.825:1

DRIVING PERFORMANCE

Max. vehicle speed	56.3 km/h
Min. turning diameter	27 m
Max. gradeability	19.3%
Min. ground clearance	710 mm

WORKING PARAMETERS

Loading height	6000 mm
Lifting time	22 s
Dump Angle	52°

SERVICE CAPABILITIES

Fuel tank	3000 L
Hydraulic tank	800 L
Cooling system	630 L
Engine oil	220 L
Motor gear box (each)	38 L

BODY

Standard SAE struck	77 m ³
Standard SAE heaped 2:1	110 m ³

