XCMG

SOLID TO SUCCEED

XCMG

# XC9260XE

WHEEL LOADER



| | |
|---|---|
| Operating Weight | 130000 kg |
| Engine Rated Power | 783 kW |
| Rated Load | 26000 kg |
| Bucket Capacity | 11.5m³ |

XC9260XE is a self-developed electric drive loader with an operating capacity of up to 26 tons. Designed to focus on reliability, efficiency, intelligence, and easy maintenance, our loader is suitable for various applications, including large open-pit mines, mining truck loading, and short-distance transportation. It is the ideal option for combining with 100 to 130-ton XCMG mining trucks.

## PERFORMANCE

Hybrid power and energy recovery, with effective recycling of energy generated by integrated electro-hydraulic braking (EHB) to drive the wheel rim motor enhance energy efficiency and minimize the abrasion of mechanical braking.

## SAFETY

Intelligent man-machine interaction system featuring real-time, safe, easy, and fast monitoring and diagnosis of operation as well as the complete safety protection system.

## EFFICIENCY

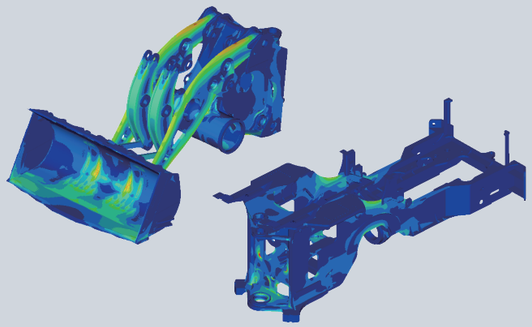
XCMG core technology of "Intelligent electro-hydraulic proportional control system + electrical positive-flow hydraulic system + electrical load-sensing joy-stick steering system" to realize accurate and efficient compound actions during operations including loading, driving, and steering,etc.

## RELIABILITY

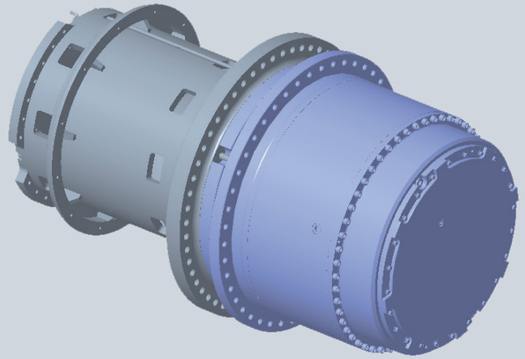
AC-DC-AC high-voltage electrical-drive system of high efficiency and quick response, featuring special functions of anti-slip, limp home mode, and automatic protection, etc.



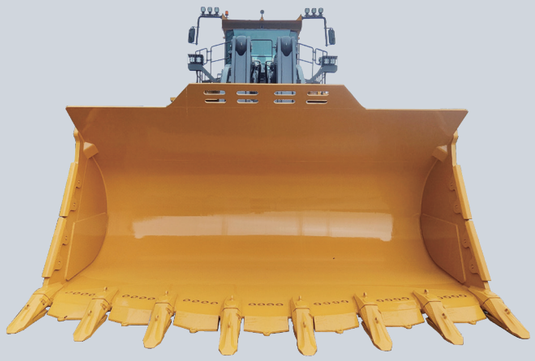
# PERFORMANCE



Structural components by simulation design based on mining conditions, made of low-temperature resistant and highstrength alloy steels, with highstrength casting for critical parts, featuring high loading capacity for torques and impacts under multiple working conditions.



The hub reducer assembly consisted of multiple-stage planetary wheels featuring a high drive ratio and large torque.
The three-phase asynchronous motor has the advantages of high reliability, low maintenance rate and high output torque.

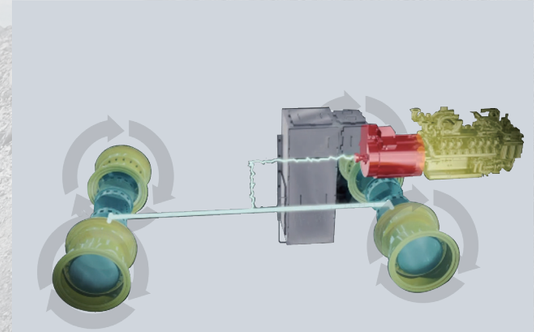


Utilizing an innovative electric drive transmission system with a highly reliable drive motor eliminates the need for a traditional transmission and drive axle. This design significantly reduces the failure rate of the power transmission system and ensures long-lasting power protection.

# SAFETY



Hybridization and energy recovery efficiently recover the energy generated by the “integrated electro-hydraulic brake” to power the wheel drive motors, enhancing energy efficiency.



Perfectly matched engine, generator and wheel drive motor to maximize efficiency and minimize fuel consumption. AC-DC-AC electrical drive system offers high efficiency, advanced control technology and fast response, while also providing over 20% fuel conservation compared to other hydraulic-drive loaders.



The electrohydraulic proportional integrated FNR joystick offers intelligent functions including impact-free operation, automatic positioning, automatic leveling, micro-motion control, and smooth lifting. The load-sensing electronically controlled steering hydraulic system allows for precise machine control, enhancing the operator's comfort.

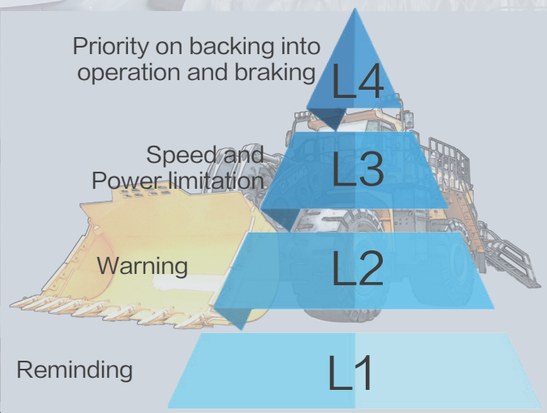
# COMFORT



The XC9 series features a ROPS&-FOPS pressurized cab that meets ISO standards.
Adjustable air-suspension seats with high backrest featuring the streamlined design and shock absorption, configured with dual brake pedals.



Left and right side ladders with emergency access for safety and convenience.
The ride control ensures the equipment maintains stable operation without external interference.
The standard emergency steering system activates quickly if the primary system fails, ensuring safe maneuvering of loaders, reducing accident risk and promoting a safe work site.




Twenty-five safety strategies have been developed, categorized into levels L1 to L4, with braking priority set at L4 ( highest level ) . Re-commissioning will be conducted after malfunction to quickly restore power and ensure the electric braking function operates at maximum capacity.

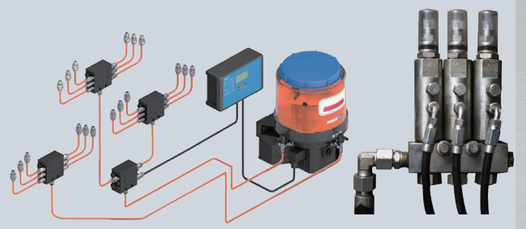
# MAINTENANCE







The machine is configured with multiple platforms and points for maintenance and the hood is designed with various rotary structures for easy maintenance and the least downtime.
45° automatic climbing ladder with three-point support for operators makes getting on and off the vehicle safer and more convenient for maintenance and operation.



The centralized lubrication system is to apply greases for articulated points and prevent the failure of the lubrication system due to the blocking of certain lubricating points.
Integrated pressure test interface of the hydraulic system for easy detection and maintenance.



Fast filling of fuels, engine oil, and hydraulic oil with high efficiency.
The centralized sampling of transfer case gear oil, engine oil, and hydraulic oil with easy operation.

# MAIN SPECIFICATIONS

## Whole Parameters

| | | |
|---|---|---|
| Operating Weight | | 127000 kg |
| Bucket Capacity | | 11.5 $m^3$ |
| Rated Load | | 26000 kg |
| Bucket Breakout Force | | 800 kN |
| Tipping Load | Straight | 61000 kg |
| | Fully Articulated | 52000 kg |

## Engine

| | |
|---|---|
| Manufacture/Model | Cummins QST30 |
| Rated Power | 783 kW @2100 rpm |
| Max. Torque | China Stage III&T2 |
| Emission Stage | 2334 N · m |
| Displacement | 30.5 L |

## EIC System

| | |
|---|---|
| Rated Output Power | 4×220kW |
| Rated Output Torque | 2334 Nm |

## Driveline

| | | |
|---|---|---|
| Travel Speed | Forward | 0–24 km/h |
| | Reverse | 0–24 km/h |
| Braking Distance | | 8.8 m |
| Tyre | | 45/65R45 |

## Brake

| | |
|---|---|
| Service Brake | Four-wheel full hydraulic dry brake |
| Parking Brake | Electro-hydraulically actuated，spring applied |

## Hydraulic System

| | |
|---|---|
| Pump | Electronically controlled displacement pump |
| Rated Flow | 280+205+205ml |
| Control Valve | Electrically controlled bypass valve |
| System Pressure | 30MPa |
| Total Cycle Time | ≤17 s |

## Steering System

| | |
|---|---|
| Pump | Electronically controlled displacement pump |
| Rated Flow | 205 ml |
| Hydraulic Cylinder | 2 |
| System Pressure | 24 MPa |
| Max. Steering Angle | ±42° |

## Axle

| | |
|---|---|
| Drive System | Four-wheel independent drive |
| Front Axle | Fixed |
| Rear Axle | Central oscillation, with 9 ° angle to each side |
| Reduction Gear | Planetary final drive in wheel hubs |
| Differential | Electrical differential |

## Cab

| | |
|---|---|
| Cab | ROPS&FOPS Cab; Equipped with heating and cooling air-conditioner, one button start-up, electrically heated rearview mirror; electrically heated air-suspending seat and coach seat. |

## Sound

| | |
|---|---|
| Sound Pressure Level | ≤76 dB（A) |
| Exterior Sound Power Level | ≤118 dB（A) |

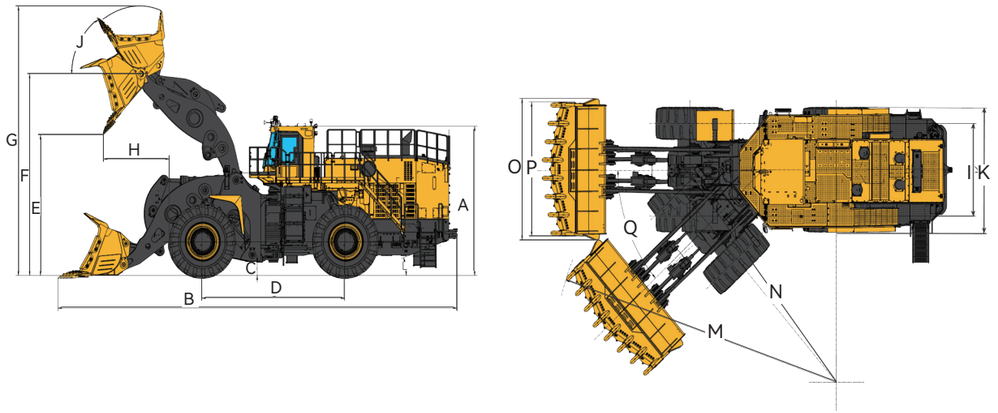
- The guaranteed sound levels described below may vary depending on factors including operating conditions, cooling fan speeds, engine type, and so on. Hearing protection is required if the operator works in an improperly maintained cab or is exposed to noisy environments with open doors or windows.

## Referenced Filling Capacity

*Reference only. Filling volume is based on the actual scale.

| | |
|---|---|
| Diesel Engine Oil | 2000 L |
| Engine Oil | 114–133 L |
| Reduction Gear | 22 L |
| Hydraulic Gearbox | 400 L |
| Coolant | 820 L |
| Hydraulic Oil | 48×4 L |

# MAIN SPECIFICATIONS




| Dimension and Specification | | Parameters |
|---|---|---|
| A | Height to top of cab | 5930 mm |
| B | Overall length | 16323 mm |
| C | Ground clearance | 486 mm |
| D | Wheelbase | 5900 mm |
| E | Dumping height | 5229 mm |
| F | Height to hinge pin, fully raised | 7485 mm |
| G | Max. lifting height | 9978 mm |
| H | Dumping reach | 2607 mm |
| I | Wheel track | 3350 mm |
| J | Rollback angle at full lift | 60° |
| K | Width over tyres | 4585 mm |
| L | Departure angle | 19° |
| M | Turning radius: over bucket | 11354 mm |
| N | Turning radius: over tyres | 9360 mm |
| O | Bucket width | 5000mm |
| P | Bucket width over bucket | 4844 mm |
| Q | Steering angle | 42° |

- The technology of XCMG wheel loaders is subject to constant improvement and upgrading. In case the specifications or detailedappearance contained in this brochure differ from actual products, the latter shall prevail.
- XCMG reserves the right of final interpretation for the above. Our products may be modified without prior notice to users.



# EQUIPMENT

| Item contents | STD | OPT |
|---|---|---|
| Powertrain | | |
| Four-wheel independent drive | ● | |
| Electrical brake+hydraulic brake | ● | |
| 50° temperature heat dissipation | ● | |
| Enlarged radiator | ● | |
| 3 engine speed mode | ● | |
| 3 emergency brake switch | ● | |
| Emergency escape ladder | ● | |
| Radial tire 45/65R45 | ● | |
| Michelin radial tyre 45/65R45 | | ○ |
| Electrical system | | |
| GPS malfunction monitor terminal | ● | |
| Rotating warning light | ● | |
| LED display terminal | ● | |
| Electrically heating rearview mirror | ● | |
| Battery (low-temperature resistant) | | ○ |
| Stair light | ● | |
| 24V power interface | ● | |
| Speed display | ● | |
| Sub-starter outlet | ● | |
| Battery preheating | ● | |
| Electrically weigh | | ○ |
| Electrical FNR steering joystick | ● | |
| Back warning | ● | |
| Hydraulic System | ● | |
| Emergency steer | | |
| Independent dissipation with temperature-controlled fan | ● | |
| Variable hydraulic system | ● | |
| Load-sensing system | ● | |
| Manual unloading switch | ● | |
| Fan (hydraulic drive) | ● | |
| Intelligent shoveling(auto-leveling/ auto-locating/buffering function) | ● | |
| Fast Filling System | | |
| Fast filling ( fuel, engine oil, hydraulic oil and grease ) | ● | |
| Centralized sampling (transfer case oil, engine oil, hydraulic oil) | ● | |

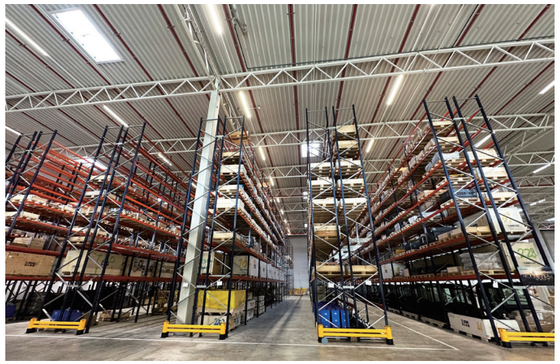
| Item contents | STD | OPT |
|---|---|---|
| Cab | | |
| Video monitoring system (TF card) | ● | |
| FOPS&ROPS cab | ● | |
| Electric dual control handle | ● | |
| Automatic air conditioner | ● | |
| Air-suspending and electrically heated seat with high backrest | ● | |
| Rear defroster (air-conditioner) | ● | |
| Two-point retractable safety belt | ● | |
| Rear wiper | ● | |
| Sun visor | ● | |
| Stereo | ● | |
| Coach seat | ● | |
| Pressurized cab | ● | |
| Bluetooth radio (USB) | ● | |
| Membrane switches | ● | |
| Joystick steering | ● | |
| Three-point retractable safety belt | | ● |
| Windshield laminated glass | ● | |
| Safety | | |
| Extinguisher | | ● |
| 360° panoramic view | ● | |
| Battery isolation switch | ● | |
| Start-up isolation switch | ● | |
| Automatic fire extinguishing system | ● | |
| Bucket | | |
| 13m³ rock shovel bucket | ● | |
| 14.5m³ rock shovel bucket | ● | |
| 7-14.5m³ bucket | | ○ |
| Standard boom | | ○ |
| High boom | | ○ |
| Other | | |
| Tyre anti-slip chains | | ○ |
| Rear tyre mud baffle | ● | |
| Parking module | | ○ |
| Centralized sampling | ● | |
| Automatic centralized lubrication | ● | |
| Fuel preheating | | ○ |
| Coolant preheating | | ○ |
| Hydraulic oil preheating | | ○ |

# OPTIMUM SERVICES XCMG GUARANTEED



## Telematic Information Processing

Remote Diagnosis. GPS terminal system monitors the construction state of the machine and the operating.



## Professional Integrated Complete Solutions

XCMG has built a strong reputation based on the quality,reliability and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all customers.



## Full Range of Services Ready for you

In order to respond to your needs as fast as possible, XCMG’ s experts are on their way to your job site from one of our facilities near you. Full range of services are availible in order to reduce your total cost of ownership and increase your revenue.





Plateau Construction



Forestry Construction



Animal Husbandry



Road Construction



Stone Mining



Extreme Cold Working Condition



Mine Engineering



Grain Shoveling

# INTRODUCTION

## Our Mission : Empower Solid Future.

Founded in 1943, XCMG is a multinational corporation with the most comprehensive range of competitive, influential products in the construction machinery industry. Our mission is to Empower Solid Future by providing complete sets of engineering equipment and solutions for global customers. It is the enterprise with the most complete categories and complete sets in the world's construction machinery industry. As of now, XCMG has retained its No.1 position in China's construction machinery industry for 35 consecutive years and is ranked NO.3 in the global construction machinery industry.Today, we sell products in over 190 countries and regions worldwide.We drive enterprises to smart, sustainable, and efficient solutions through technological innovation and excellent management solutions.

XCMG Earthmoving Machinery Business Division is a core machinery R&D and manufacturing enterprise under XCMG, specializing in the research and development, manufacturing, and sales services of a full range of loaders from 0.4 to 35 tons, including new energy loaders, skid-steer loaders, and backhoe loaders. It is the first enterprise in China and the third globally to possess the production capacity of loaders with a loading capacity exceeding 35 tons. For 35 consecutive years, it has maintained its position as the top loader exporter in China. XCMG Earthmoving Machinery Business Division has always adhered to the core values of "Responsibility, Virtue, and Fortitude." XCMG perseveres through challenges and forges ahead with determination!





1943

**2000+**
**Overseas Service Sites**

**300+**
**Overseas Distributors**

**4000+**
**Global Suppliers**

**60+**
**Overseas Subsidiaries**

**10+**
**Overseas Manfacturing Bases**

**6**
**Global R&D Center**