



山东中凯工贸有限责任公司
Shandong Zhongkai machinery & trade Co., Ltd

XCMG Wheel Loader ZL50G



Strong structure

Heavy load for the rocky condition; the working device and front and rear frame feature thick board of high strength, reasonable distribution and strong carrying capacity.

The large rock bucket with capacity of 3.0m³ is improved in terms of the work efficiency and adaptation. The bucket teeth adopt the structure of toothholder and sleeve. The cutting blade and bucket edge are equipped with protection device, featuring excellent abrasion resistance and shock resistance.

The thickness of the front frame lug and baseboard is 70mm, and the thickness of the up and down articulated board is 30mm. The machine is superior among the products of same kind in terms of the structural strength and carrying capacity.

Large distance between up and down articulated boards, and large maintenance space. Resolve the load horizontally and vertically efficiently. Easier to access, the machine has more carrying capacity and larger opening space.

Each part passes the scientific analysis with professional stress analysis

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software to ensure that the reliability and carrying capacity of the structural parts could reach the design standard and meet the requirement of the tough condition.

Excellent performance

The strong breakout force of 17 ton and strong traction of 17.5 ton ensure that the machine could adapt to various tough condition.

Reliable operation: with the long wheelbase of 3300mm and long machine body of 8185mm, the machine is ahead in the industry in terms of the operation reliability.

Quick action: the total time of three devices is only 10.3s, and the speed is 11.5 km/hour during the operation.

Strong adaptation to the work site: centered design, small turning radius. No speed difference between front and rear wheels. The tyre is not easily worn.

Experienced drive parts

Famous brand engine; The machine adopts the latest planetary transmission with XCMG multiple unique technologies, featuring high reliability and strong adaptation to heavy load; the reinforced drive shaft provides more reliable drive; the powertrain assembly made by XCMG could provide the powerful guarantee for the machine to operate efficiently and reliably.

With large power and high torque conservation, the famous brand engine features strong power and adaption.

The transmission of 2BS315A (D) is superior in the efficiency delivery and overload adaption.

The drive shaft flange adopts DIN and SAE standard to increase the bolt circle diameter, and adopts the self-locking nut for connection and fixing, providing more reliable drive.

The reinforced drive axle features large carrying capacity, high reliability and convenient maintenance.

With the special tyre face design, glue stock formula and strong body structure, the tyre of domestic famous brand features excellent heat-resisting and abrasion resistance performance, adapting to the mine, construction sites, and hydropower.

Comfortable and safe driving space

Provide the best operation environment for the user with the design concept of the people oriented.

- The luxurious cab features large space and wide visibility.
- Elegant adjustable instrument panel and comfortable operation.

Electronic control planetary box, air conditioner, radio with MP3 function and speaker could be equipped.

The operating floor takes the measure of punching antiskid. The all-round

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handrails ensure the safe operation. With the antiskidding groove, the ladder step features wide ladder face, guaranteeing the safety operation, and easily getting on and off.

Convenient maintenance

Convenient and practical maintenance guarantees the service life of each part to improve the usage economics of the machine.

The hood adopts the large side door of sliding upward, featuring large opening angle, and more convenient for access.

Optimized brake caliper structure, more convenient for the maintenance.

The remote oil and water drainage and centered lubrication provide more convenience.

The hydraulic oil tank of XCMG LW500KL loader adopts independent oil return chamber to overcome the issue of hydraulic system cleaning or replacement.

The oil enters the oil tank through the filter. It is not necessary to drain the oil when replacing the filter. The service and maintenance is fast and all-round.

Excellent capacity

Scientific design: XCMG technical innovation ranks top in China, adopting the computer design of CAD, CAM Pro/E and manufacturing system, and establishes the national R&D Center. The product design level leads in China.

Professional production: introduce in the international advanced production technology, own the advanced manufacturing equipments of processing center and robot welding line, and establish the machine assembly flow line of the first level in China to provide the reliable guarantee for the product quality.

Round detection: both the part and the whole machine must be detected and tested strictly in the production procedure.

Two breakthroughs in the industry:

- Inner breakthrough: multiple great improvements in the common weakness of the transmission, revolutionary breakthrough; the service life of key positions is greatly improved, leading in the products of the same kind.

- External breakthrough: start the vehicle manufacturing technology first in China, and adopt the all-metal mould pressing covering part, keep the color of the new vehicle through the electrophoretic coating. Luxury decoration in the cab provides comfortability for the operation.

Parameters(Standard)

Bucket	
Bucket capacity	3.0M ³
Rated load	5000kg
Rated time	6 secretary

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Total cycling time	11secretary
Max.drawing force	145Kn
Max.breakout force	170Kn
Articulation angle	35°
Min.turn radius	6400mm
Climb ability	28°
Wheel base	3300mm
Tread	2200mm
Dumping clearance	3090mm
Dumping reach	1130mm
L×W×H	8110×3000×3508mm
Operating weight	18t

Cummins Engine, ZF transmission gearbox

Shipping---Sample photos



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