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XCMG For Your Success

Engine model	Y06J125Z-T22
Rated power (kW)	92
Operation mass (kg)	11000
Rated bucket capacity (m ³)	1.9
Total cycling time (s)	9.8

LW300KN

WHEEL LOADER

LW300KN All-round Flagship & Heavy-load Benchmark

REYMA
ARGENTINA S.A.

Heavy-load Excellent reliability Energy-saving High-efficiency

Sturdy and Heavy

All-round Flagship Heavy-load Benchmark

Technical status

- Overload leader of 3t products and pioneer of low-speed energy-saving technology.

Model Characteristics

- Special heavy-load energy-saving drive system of XCMG.
- Characteristic extra-strong heavy-load structural part from XCMG.
- Extra-long wheelbase and super-large self-weight with stability leading the industry.
- All structural parts employ computer aided design, featuring sturdiness and excellent reliability.
- Multiple selections for configurations transforming work tools, suitable to construction requirements of different areas and working conditions.

Performance Advantages

- Design of long wheelbase (2,900mm) and large bucket volume (1.9m³) creates efficiency limit in the industry of 3t products.

Market Status

- Leading model with long wheelbase and super heavy load.



EXCELLENT power and drive system

Powerful

- Meets China II emission standard, high performance and low fuel consumption.
- Powerful and high torque reserve coefficient, able to meet overload requirement instantly and provide power required for operation with heavy and large loads.
- Maximum traction force is up to 100kN, making it top-ranking in the industry.



Heavy-load Energy-saving Gearbox And Torque Converter Assembly Patented Technologies Of XCMG

- Dedicated large-capacity torque converter guarantees maximum utilization of engine power.
- ZL40/50 planetary gearbox, key load-bearing parts employ imported elements, featuring high overload capacity.
- Flange of drive shaft complies with SAE/DIN international standard with increased diameter of fixing bolt circle, featuring extra-strong resistance to torque for continuous operation with high strength and heavy loads.

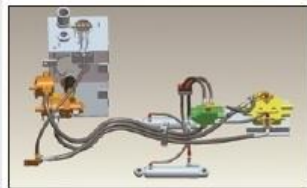


Excellent Reinforced Heavy-load Drive Axle

- All load-bearing parts are thick and solid with good capacity against overload, satisfying requirements for various operations with high strength and large load.



Hydraulic And Electric Element of International Quality



- First-rate hydraulic element, featuring low pressure loss, little system radiation and high part reliability.
- Hydraulic pump of top-class brand provides stronger hydraulic power.
- Italian α hydraulic hose featuring resistance to heat and pressure, and long service life.
- Two layers of sealing, i.e. 24° cone plus O-shaped ring up to DIN international standard are employed for hydraulic piping, which features better tightness and effectively resolves the issue of leakage.
- Imported materials are used for harness with optimized process layout for guaranteeing circuit system reliability.

Extra-strong Heavy-load Structural Part WITH STANDING TRAILS AND ERRORS

Frame Structure With Extra-strong Load-bearing Capacity

- Heavy-load design, box type, robot welding, thick plate, secure welding joint, high anti-torque coefficient and high overload capacity.
- Technology of finite element analysis is employed to decrease stress concentration and eliminate local weakness. Frame is resistant to impact and overload, and is capable in various overload working conditions.



Sturdy And Reliable Hinge Joint of the Frame

- Alignment design of main hinge joint decreases turn radius and reduces tire wear and energy loss.
- Large spacing between upper and lower hinged plates, high structural strength and sufficient repair space.



CAPACIOUS AND COMFORTABLE driving space



Operation elements and buttons at the fingertips can easily realize various operations.



Fully-covered exquisite interiors and furnishing of multifunctional player and luxurious audio system provides best operation environment.



Full-view rear window, high mounted rear lamp and equipment for reverse alarm provide good vision and safe reversing.

EASY AND CONVENIENT maintenance

- Owing to the new frame structure of engine hood, upturning side door and large opening angle, maintenance of engine and radiator becomes much easier.
- With concentrated fuse box, operation status of electrical system is uniformly displayed, featuring easy maintenance.
- Measuring points for system pressure are concentrated, saving both time and labor for maintenance.
- Oil return circuit of hydraulic oil tank is designed with independent cavity, which guarantees maintenance convenience.

