

The technical parameters of LW600K wheel loader

LW600K is the main model of K series after G series. Power drive flexible suspension damping; dual-pump combined technology, flow expanding steering, guide control; the frame of the high strength adapts to the heavy load condition; XCMG unique working mechanism lightens the unloading impact greatly; hydraulic wet brake ensures the safe and reliable operation and travelling; the adjustable instrument panel contributes to the best operation position; intelligent electronic monitoring system could monitor the operation condition of the machine accurately.

Experienced part

The imported Cummins QSC8.3 electrical injection, turbo-charging, air-air inter-cooling engine, electric start and flameout. The emission meets the requirement of TIRE-3 stage, featuring high performance, low oil consumption, environmental care, and strong power. ZF electrical and hydraulic control transmission provides smooth gear shift, featuring advanced performance and strong reliability; KD gear function reduces the operation gear shift frequency and improves the operation efficiency. ZF wet slip-limited drive axle. The brake is installed in the drive axle, which could prevent the entry of the water and dust. The machine could run in soft area or water. The center slewing of the rear axle could reduce the impact of the additional torque and external loader to the drive system.

Excellent performance

Dual-pump combined technology, hydraulic flow expanding steering, single-handle guide control, flexible and convenient.

The steering limit is dual limits of hydraulic control and mechanical control. The hydraulic control limit is prior to the mechanical limit, reducing the impact.

With the electromagnet positioning technology, the machine has the automatic leveling function of the bucket, decreasing the working labor of the operator and improving the work efficiency. The boom lifting limit function could prevent the mechanical impact, reducing the fatigue of the operator.

Long wheelbase, centered distribution of the articulated center, good reliability. The design of the front and rear frame center articulated bearing has passed the trail. The tough frame bone could bear the repeated torsion in uneven ground.

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Safe and reliable brake

Hydraulic wet brake. Combine the emergency brake and parking brake to ensure the safe operation.

Reliable structure strength

Focus on the integrated structure strength. Use finite-element analysis to reduce the stress concentration position to ensure the adaption to various kinds of dangerous conditions.

Comfortable operation environment

The independent cab features wide visibility, sealing and damping, air conditioning, radio,

and adjustable seat. The comfortable and safe operation environment is the sufficient reflection of human-machine combination. The operator enjoys the operation and improves the working efficiency.

The steering column is integrated with the instrument panel. Anyone could change the angle of the steering column through one control lever to find the best position. The information on the monitor is clear and the operator could grasp the machine status. The operator could monitor the machine in real-time through the information displayed on the control panel with the new monitoring system.

Convenient maintenance

With integrated oil filling, the service person could access to the maintenance point from the ground, featuring higher efficiency.

The side plates of the shield and rear shield are opened easily, and it is convenient to check the engine and parts, and daily maintenance.