

## **The technical parameters of LW800K**

Dual-pump combined technology, hydraulic flow expanding steering, and 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.

Fully hydraulic wet brake, low pressure protection, combination of emergency brake and parking brake, ensuring the safe traveling.

With the electromagnet positioning technology, the machine has the automatic leveling function, decreasing the working labor of the operator and improving the work efficiency.

Intelligent and independent ventilation system could change the fan speed according to the working condition, saving the energy and improving the economics of the machine.

Integrated lubricating system ensures the normal operation of each friction part.

Long wheelbase, centered distribution of the articulation centers, good reliability of the machine.

### **Experienced parts**

The imported Cummins QSM11 electrical injection, turbo-charging, air-air inter-cooling engine, electric start and flameout. The emission meets the requirement of TIRE-3 stage

ZF electrical and hydraulic control transmission features advanced performance, strong reliability, and smooth gear shift; KD gear function reduces the gear shift frequency during the operation and improves the working efficiency.

ZF wet drive axle is equipped with slip-limited differential and non-maintenance multi-disc wet brake block, prolonging the service life of the axle.

The main parts of the brake system, hydraulic system and lubricating system adopt the international famous brands to improve the reliability of the systems.

The electrical system adopts the electronic monitor. The plug connectors adopt full sealing type, and are installed to the position where it is difficult to be rained and splashed.

### **Comfortable operation environment**

New cab of large space features good sealing and wide visibility.

The cab is equipped with air conditioning, radio, cup holder and adjustable instrument panel, featuring comfortable and safe operation environment.

Electronic monitoring warning system monitors the running status of the machine accurately.

The single-handle guide hydraulic control provides easy operation for the operator.

The boom lifting limit function prevents the mechanical impact.

The electrical control gearshift control handle features accurate and easy controlling.

### **Reliable structure strength**

Heavy load structure design, thick board, high strength.

The key structural parts adopt finite-element analysis to ensure the adaption to various kinds of dangerous conditions.

The frame of single board structure features high structure strength, and average stress distribution.

### **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.

**Thoughtful design**

The key articulated positions adopt two-stage dustproof, preventing grease overflow and dust entry and reducing the abrasion of the pin, prolonging the service life and decreasing the operation and maintenance cost.

The hydraulic pipeline adopts two-level sealing of 24° cone and O ring, settling the common issue of leakage.

Durable blade and bucket teeth feature longer service life.

The easily worn pipeline is equipped with the protection bush, prolonging the service life.