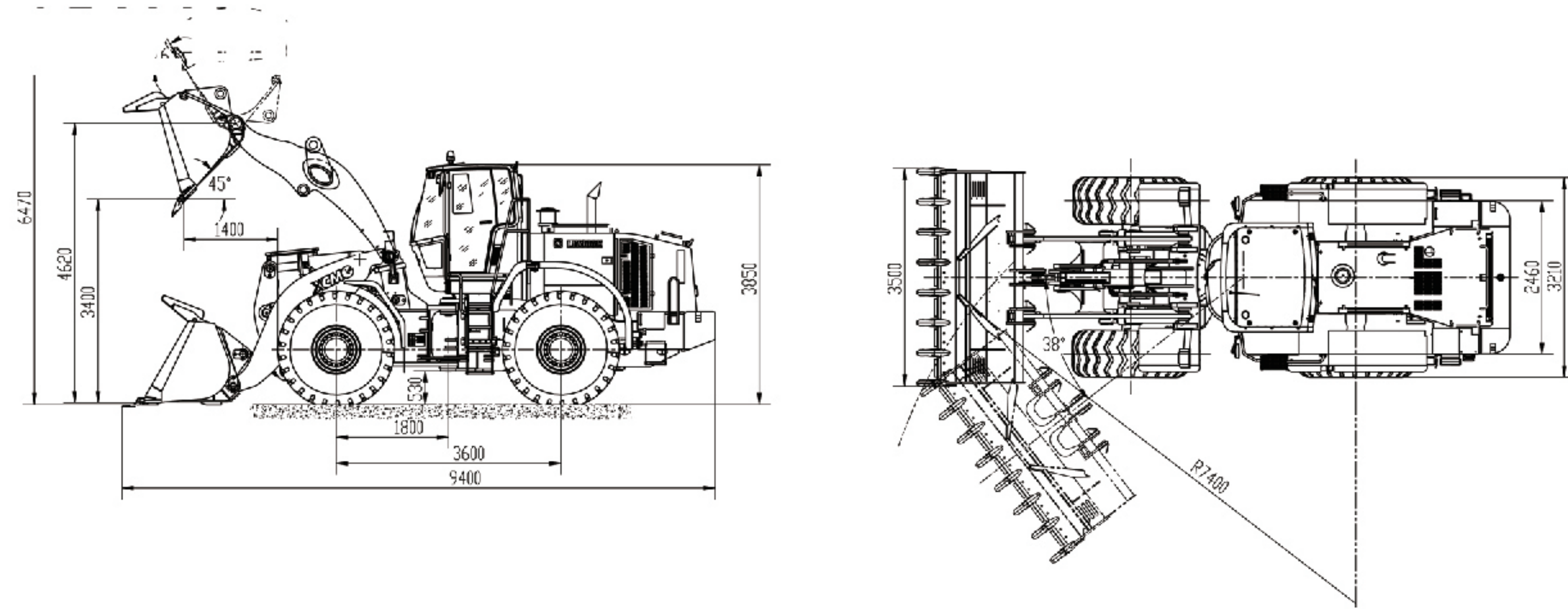


## Outline Dimensions



Description	Specification	Unit
Wheel base	3600	mm
Wheel tread	2460	mm
Dump clearance at maximum lift	3400	mm
Minimum ground clearance	520	mm
Reach at maximum lift	1400	mm
Overall machine dimension LxWxH	9400x3500x3850	mm

## MAIN SPECIFICATIONS

Description	Specification	单位 Unit
Rated operating load	9000	kg
Bucket capacity	5	m <sup>3</sup>
Machine weight	30400	kg
Max.breakout force	260	kN
Total hydraulic cycle time	11.5	s
Min.turning radius overtires	6300	mm
Articulation angle	38	°
Gradeability	25	°
Tyre size	29.5R25	
Model	康明斯CumminsQSM11	
Rated Power/speed	250kW/2100rpm	
Travel speed	I-gear(F/R)	7/7 km/h
	II-gear(F/R)	11.6/11.6 km/h
	III-gear(F/R)	24.5/24.5 km/h
	IV-gear(F)	35.5 km/h

No further information of sample contents, product structure and configuration parameters updates.  
There maybe some difference between sample books and material objects.Please kind prevail.



XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

XCMG Headquarters, Xuzhou Economic Development Zone,  
Jiangsu, China 221004

FAX (+86-516) 87739230

2015010101

# LW900KN WHEEL LOADER



## Description Specification

Rated operating load	9000kg
Bucket capacity	5.0m <sup>3</sup>
Operating weight	30400kg
Maximum breakout force	260kN
Maximum traction force	260kN

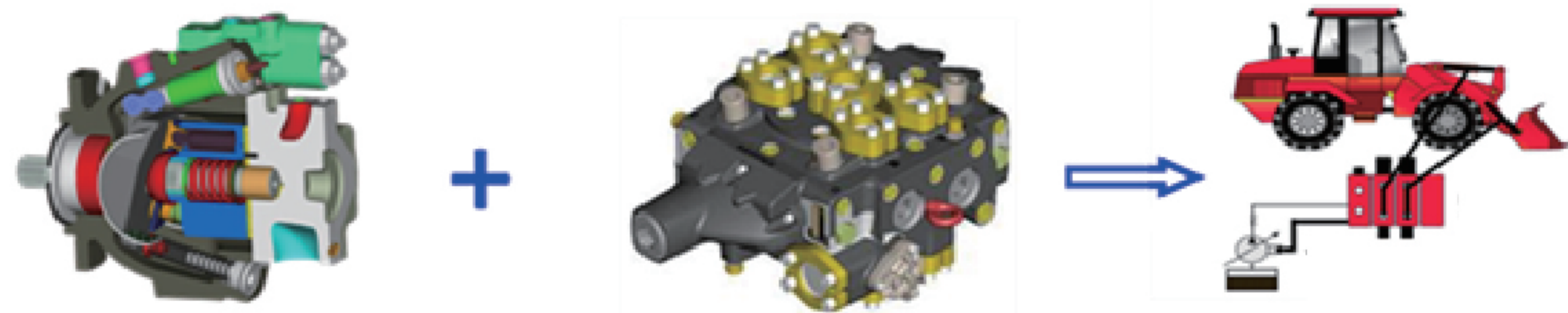


# LW900KN

## Environment-Friendliness, Energy-Saving, and High Efficiency

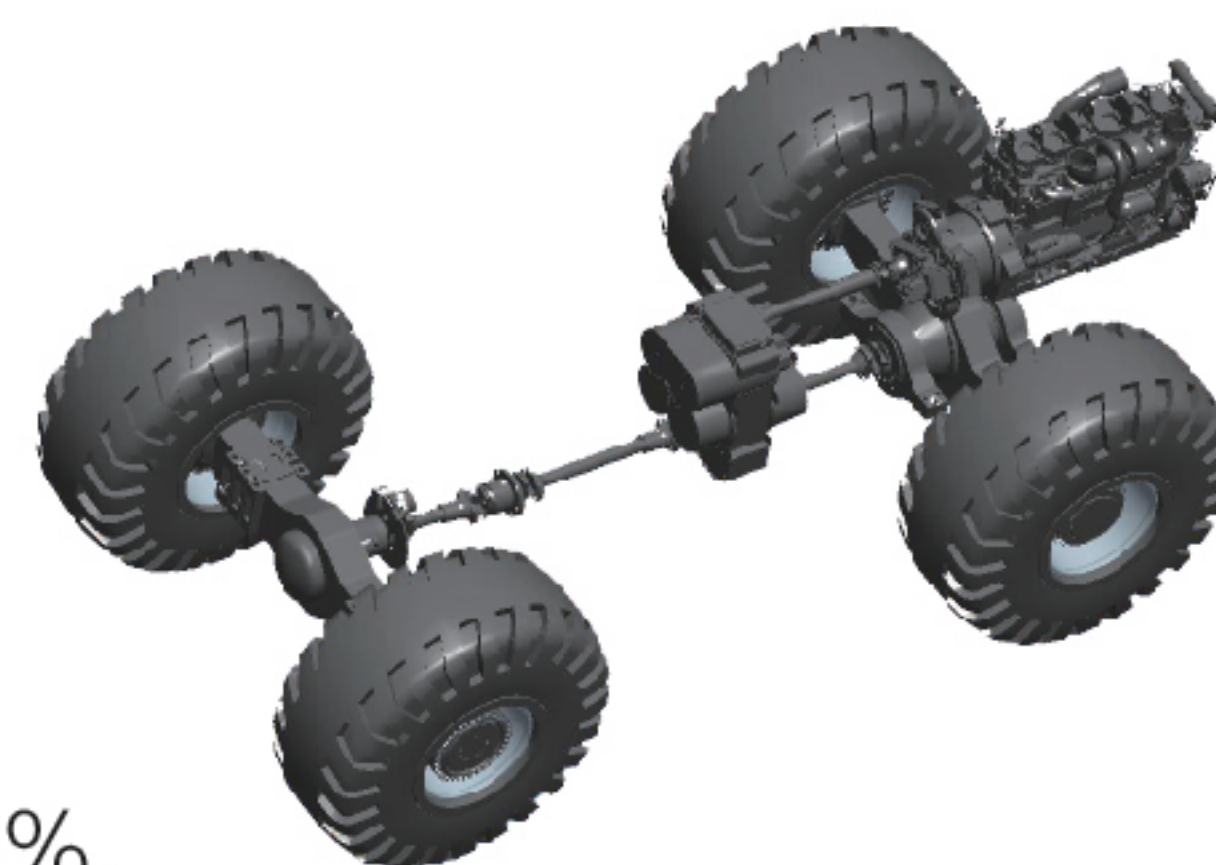
### Energy-saving and high efficiency hydraulic system

- The load-sensing variable technology is adopted to supply pressure and flow depending on the working needs, which greatly improves the power utilization efficiency by 15%.
- With total cycle time less than 11.5s, the hydraulic system features high working efficiency.



### Energy-saving and high efficiency hydraulic system

- The world's leading full-automatic electronic control transmission is equipped, with four-forward and three-reverse gears, automatic/manual mode switchover function, and KD gear function.
- The world's leading wet-type brake axle is equipped, featuring high carrying capacity and compact structure. The front axle incorporates the differential locking function.
- The intelligent independent radiator system equipped can realize the on-demand distribution of fan speed and improve the power utilization by 5%.



## Human-Oriented and High Comfort and Safety

### XCMG new FOPS&ROPS pressurized cab

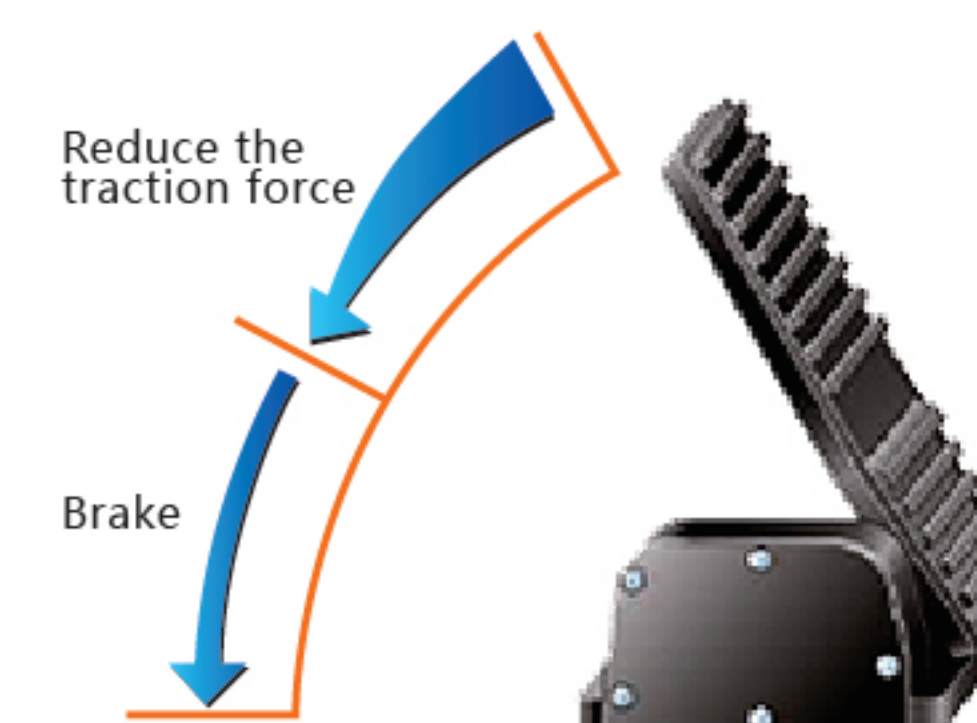
- The cab adopts built-in framework structure to protect against rollover and falling objects.



- With large space, broad visual field, high sealing performance, air cushioned seat, adjustable steering column, and heating and air conditioning, the cab provides a quiet and dust-free working environment with appropriate temperature and low vibration to you. Noise around ears of operator:  $\leq 75\text{dB (A)}$

### Reversing camera system

- The reversing camera system is equipped to reduce the rearview blind zones and improve the working safety.



### Adjustable clutch system

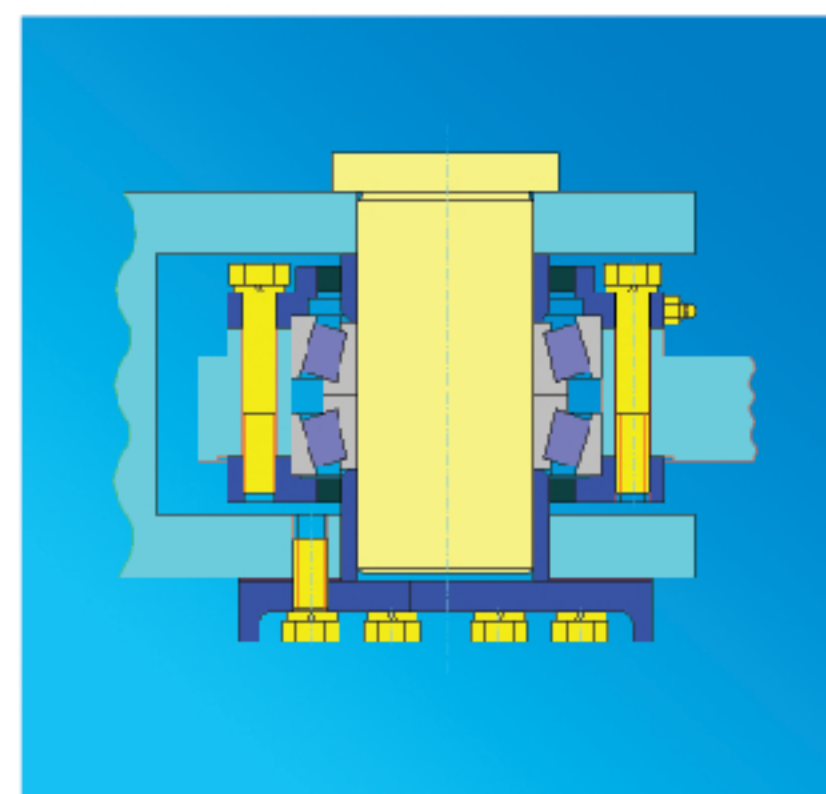
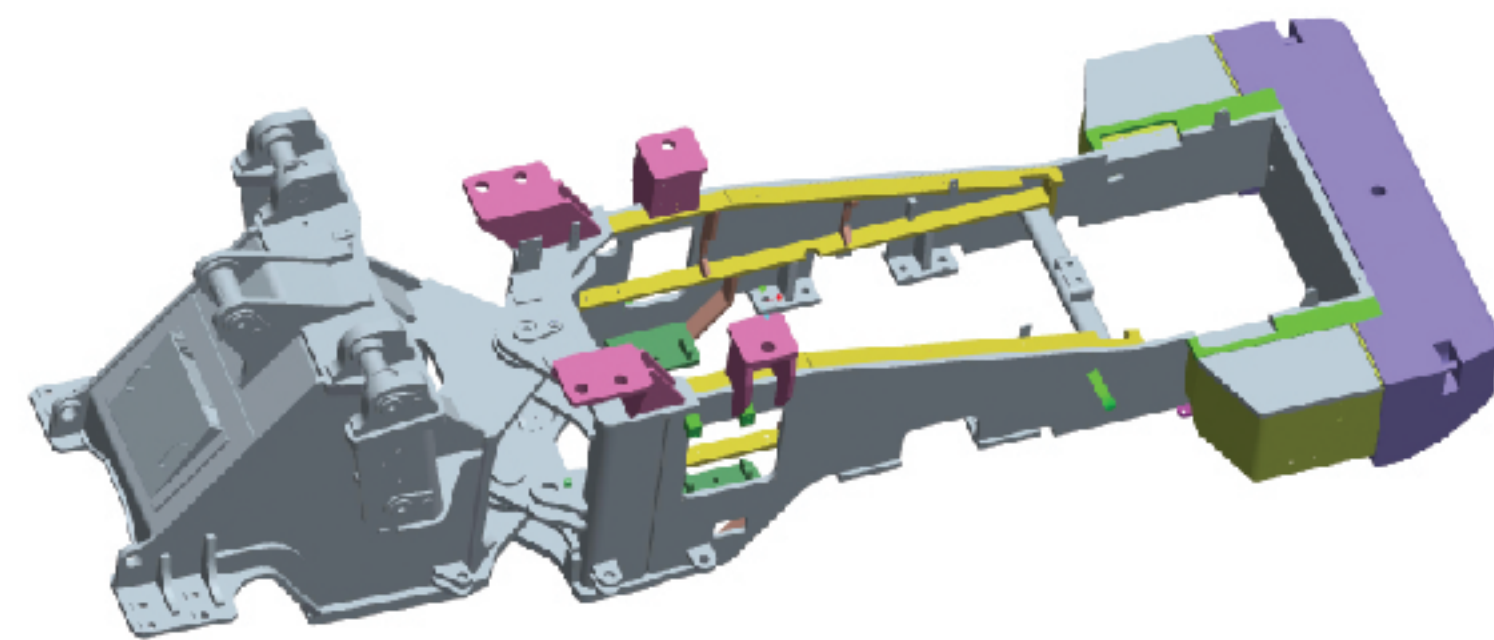
- The adjustable clutch system with adjustable traction force is equipped to ensure stable deceleration, reduce the gearshift impact, and achieve driving comfort.

# LW900KN

## Heavy-Duty Design Ensures High Firmness and Reliability

### Firm frame and working device

- Through the finite element analysis and optimization, the front and rear frames feature reasonable layout, high stiffness, and strong overload resistance and are resistant to the torsions and impacts under various working conditions.



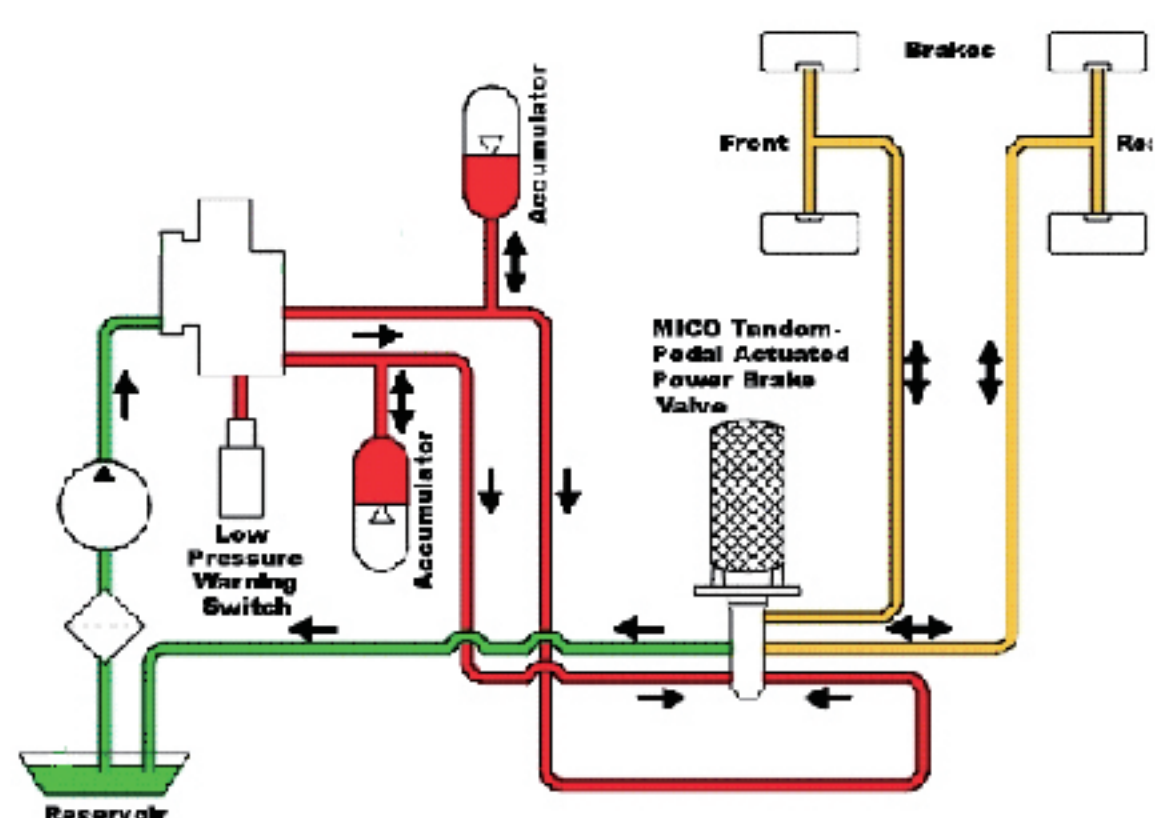
- The double-row tapered roller bearings are adopted for the upper and lower hinge pins of front and rear frames, featuring high carrying capacity and high stability and reliability.

- The working device is design optimized to the maximum extent and is made of high strength steel plates to ensure high firmness and durability.

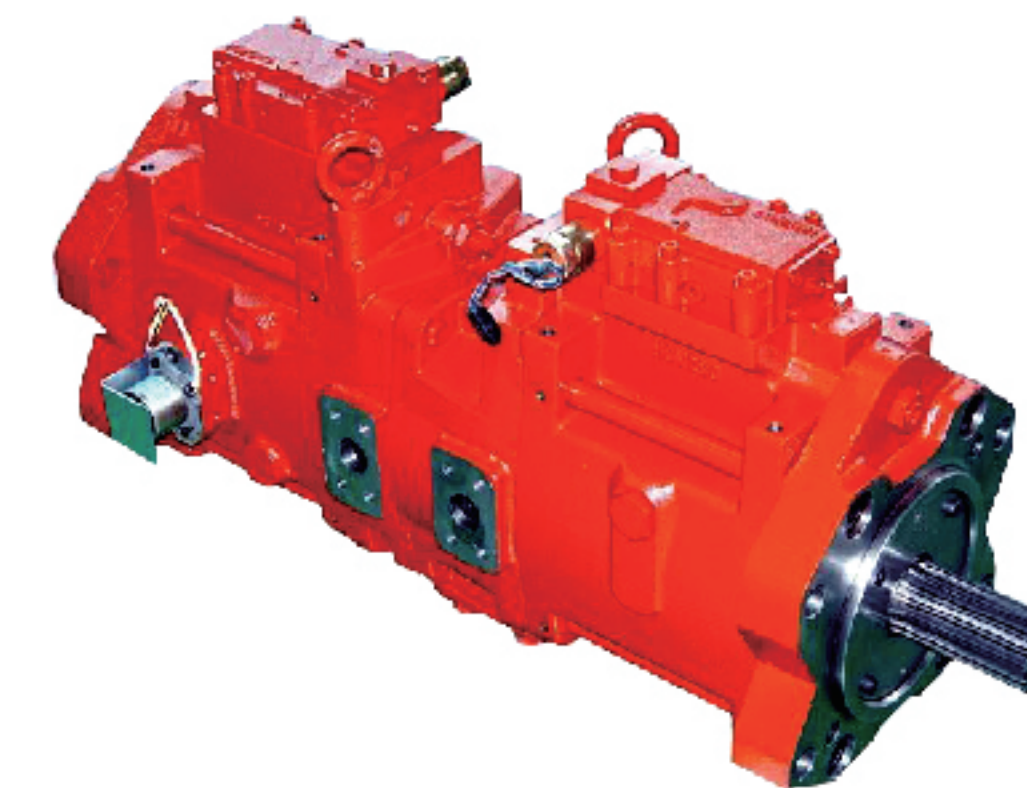


### Dual-circuit full-hydraulic wet-type brake system

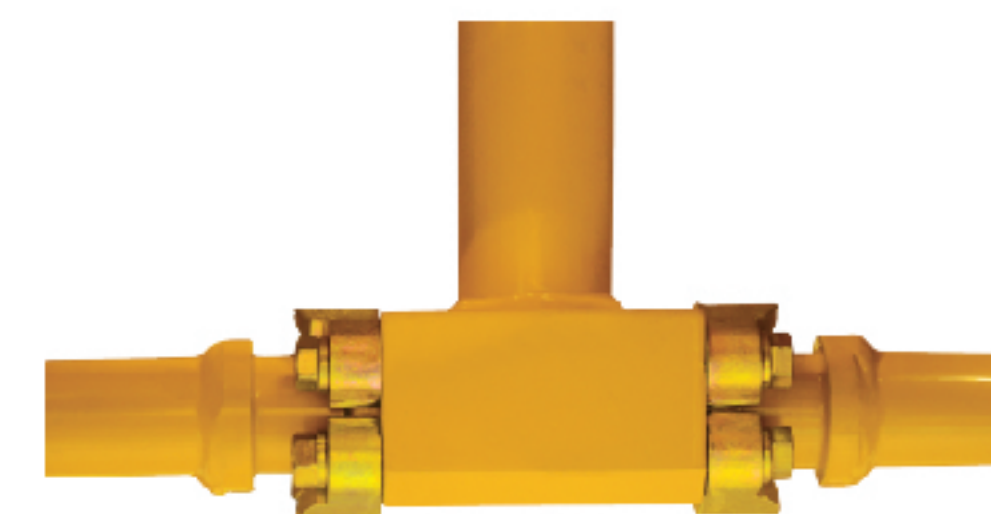
- The brake system adopts two independent hydraulic circuits so that, if one hydraulic circuit is malfunctioned, the other hydraulic circuit can still apply the braking to further improve the safety.



### International quality hydraulic and electric units



- The international brand energy-saving, high efficiency, and low noise hydraulic pump equipped provides stronger hydraulic power.



- All hydraulic tubes are made of high density tubes, featuring higher reliability.

- All harnesses adopt full-sealed connectors to greatly improve the water-proof and dust-proof capacity.

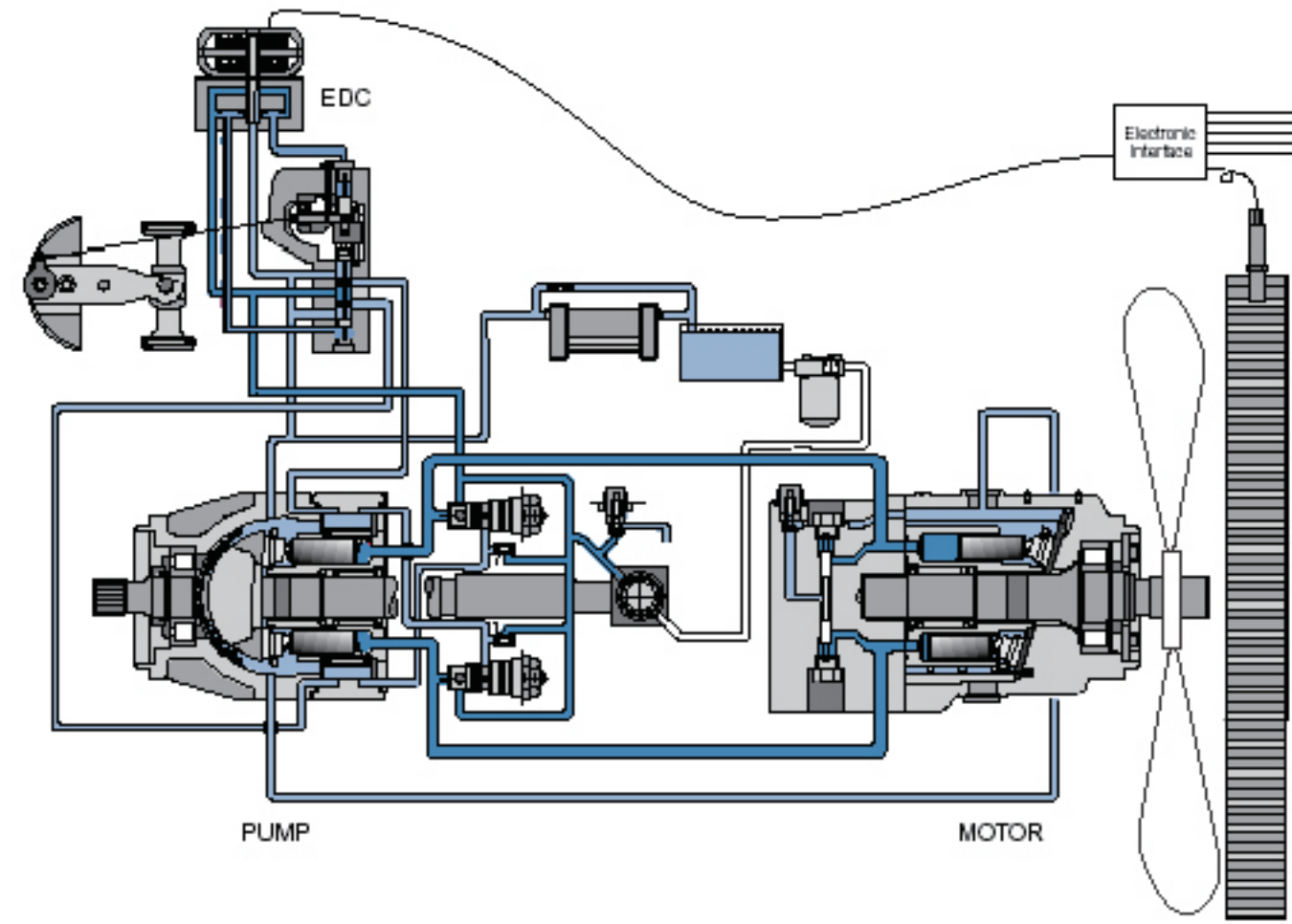


- The high reliability multi-functional combination instrument equipped accurately monitors the running status of the engine and accurately reads the malfunctions of engine and transmission via CAN bus communication technology. With sound-light alarm and indication, the LCD screen accurately displays the running status of the whole machine.

# LW900KN

## Convenient Maintenances

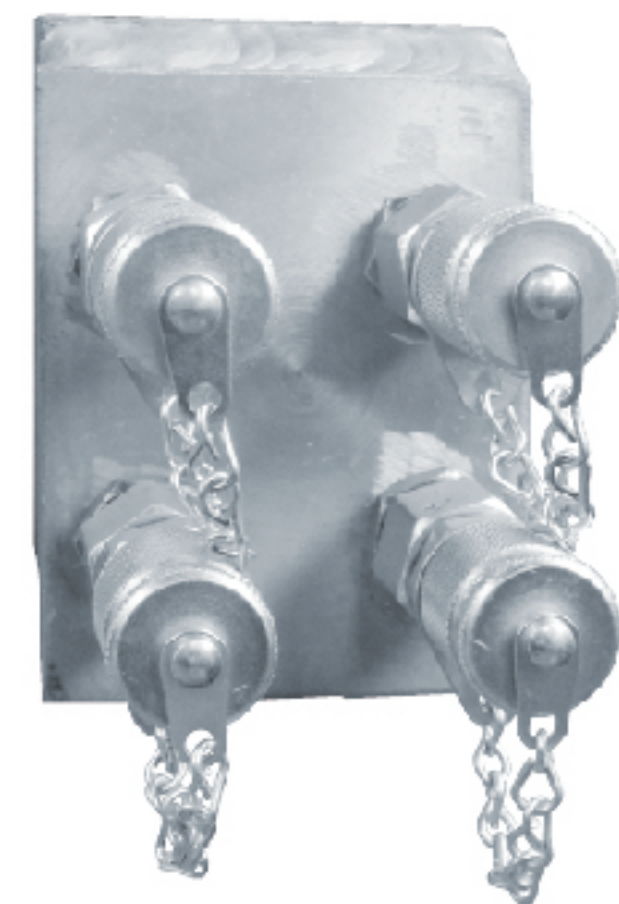
### Self-cleaning temperature control fan



- The large-spacing radiator is equipped to effectively prevent the blockage of radiator under sever conditions. In addition, the fan boasts the reversing function to ease the timely cleaning of radiator.

### Central pressure measurement

- The pressure measurement ports of the hydraulic system are concentrated to ease the checking and maintenance of the system.



### Automatic central lubrication

- The lubricating grease is conveyed automatically to various lubricating points periodically and quantitatively to ensure the normal and lasting running of various friction points.

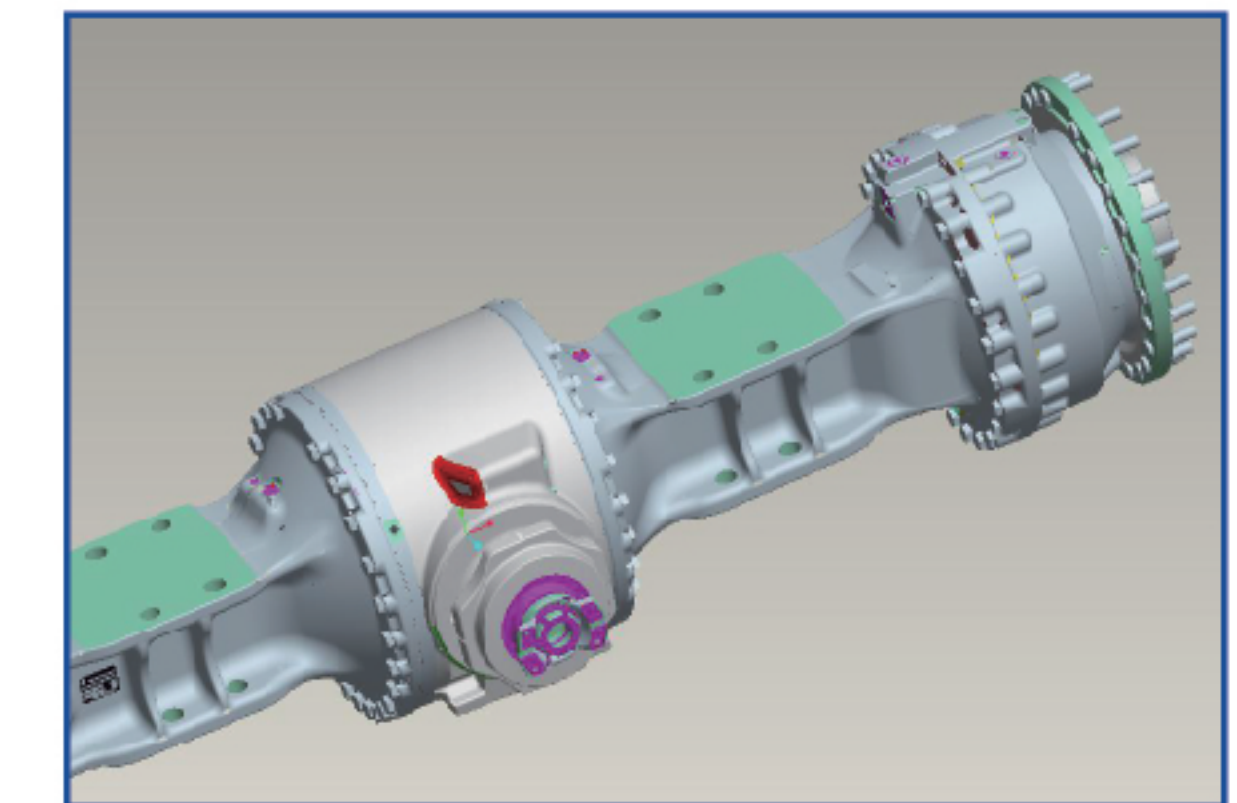


### GPS system

- Through the GPS terminal system, the operation and maintenance situations of the machine can be timely and accurately understood and the construction status of the machine and the running data of the engine can be mastered.

### Wet-type multi-disc brake

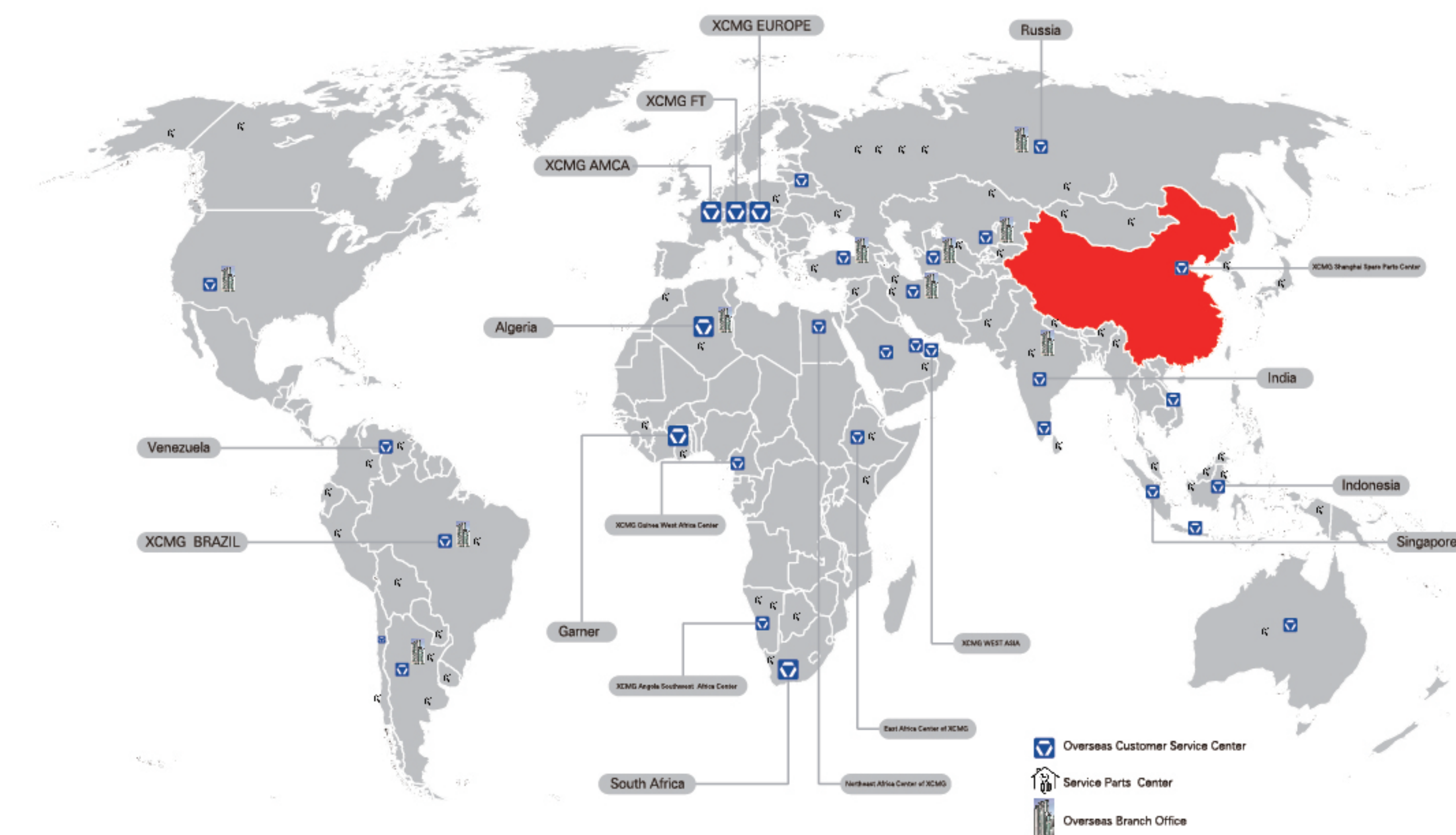
- The full-enclosed wet-type brake system equipped features low wear and maintenance-free.



## Timely Services and Powerful Guarantee

### Guarantee of continuously high-efficiency running

- The implementation of “full-life cycle services” ensures the trouble-free throughout full life cycle.
- The worldwide marketing service network features extensive coverage.



### Diversified configuration

- Optional high dumping boom and clamp attachments.