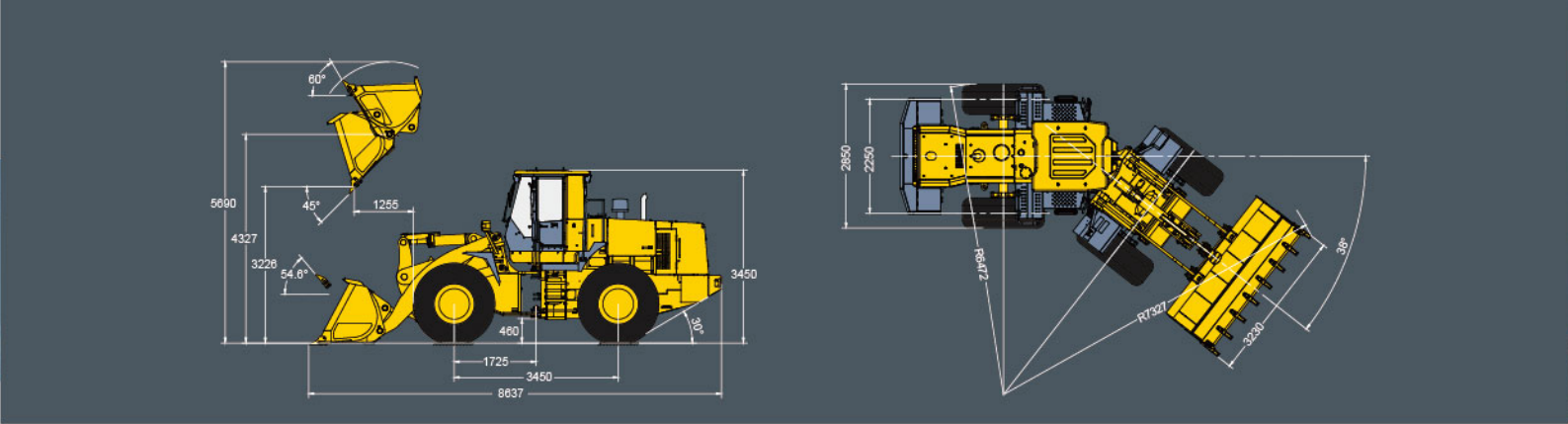




HL968

HEAVY-DUTY WHEEL LOADER

HL968 series loader is a new generation of loader with 6 Tons heavy duty wheel loader,super heavy type. With high efficiency,high reliability,machine low noise, good safety and convenient maintenance,The machine high efficiency, energy saving, working condition of overloading has good stability and big breakout force, etc.



ITEM		PARAMETER	UNIT
Rated load		6000	kg
Rated bucket capacity		3.5	m³
Dumping height(45°dumping angle)		3226	mm
Dumping distance(45°dumping angle)		1255	mm
Max.breakout force		203	kN
Max.traction force		170	kN
Dimension(L*W*H)		8637*3230*3450	mm
Operating weight		19600	kg
Raise time(full load)		6.2	s
Hydraulic time		10.9	s
Steering angle		±38	°
Min.turning radius(Outside of wheel)		6472	mm
Min.turning radius(Outside of bucket)		7327	mm
Gradeability		30	°
Wheelbase		3450	mm
Wheel tread		2250	mm
Travel speed	Forward(I / II / III /IV gear)	7.3/12/24/38	km/h
Travel speed	Reverse(I / II /III/IV gear)	7.3/12/24/38	km/h
Engine Model		Weichai 10G240E201	
Rated power		178kw@2200r/min	
Tire size		23.5-25-20PR	

STANDARD CONFIGURATION		OPTIONAL CONFIGURATION
Weichai 10G240E201 engine	High-performance seat	SDEC SC11CB240.1G2B1 engine
The world famous ZF transmission	Luxury wide field bridge	3.5m³-4.5m³ bucket
6 tons of reinforced drive axle	Steering hydraulic limit	High discharge device
Pilot control for hydraulic system with joystick	3.5m³ bucket	ROPS/FOPS Cabin
Flow amplifying steering	3226mm dumping height	
Air conditioner	The radio (with MP3 function)	
Working device automatically limit		

- For staying ahead of competitions by constant upgrading of machinery and technology,
- HELI have the rights to update details of specifications and design before inform end users.

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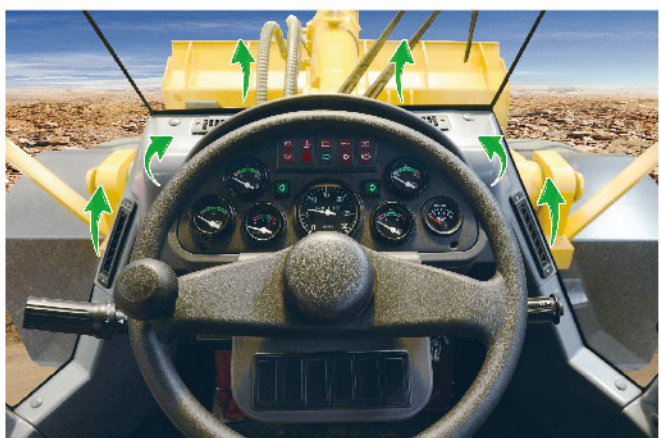
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HL968

HEAVY-DUTY WHEEL LOADER



ERGONOMICALLY DESIGN

- > Large-space panoramic driving cab;dust prevention,shock absorption andnoise reduction;Built-in rear view mirror.Improve the comfortableness and safety.
- > Air conditioner,multi wind outlets help to care the dricer comprehensively.
- > Ergonomically designed buttons on the control box,Pilot control with JOYSITCK for hydraulic system,power shift transmission,easy to operate.

HL 968 HEAVY-DUTY WHEEL LOADER



HELI HELI,LIFTING THE FUTURE

PERFORMANCE

- > The design is based on the heavy load condition, especially suitable in mine and other heavy load conditions.
- > Optimal working device,with big breakout force,high fill-ability and high working efficiency.
- > Long wheelbase, large steering angle and steering hinge point is alignment arrangement, increase work efficiency and reduce the degree of tire wear.
- > First-class quality HELI countershaft electric-hydraulic control transmission, with 4 forward/4 reverse gears and KD function,easy to opearte.
- > Electronic device of automatic bucket leveling and limited lifting position, very useful in the site with limited height.
- > Flow enlarging steering sstem, steering force is very small, and more comfortable when operating.

HIGH RELIABILITY

- > Box structure framework of front and rear chassises,resist torsion effectively and increase its durability.
- > Tapered roller bearing used in the hinge of front & rear chassises, ensure high reliability.
- > Optimal radiator, always keeping cooling system working very well.
- > The hydraulic component are the domestic well-known brand product,with high quality stability, low failure rate
- > Cradle type rear driving axle, with wide swing angle and big support bearing.
- > In-shift split type caliper brake system, convenient and fast for the maintenance.
- > Electrophoretic primer processing technology,greatly increasing the rust prevention capacity.
- > Hydraulic system had been filtered for each machine,Greatly improves the cleanliness of hydraulic system, effectively improved the reliability of the hydraulic system.
- > All the working device hinge points adopts double side seal,lubrication condition of the internal articulated is better, less wear and tear, extending the service life of the pin shaft and shaft sleeve.
- > VARTA maintenance-free battery to provide better reliability. Waterproof and anti-corrosion connectors of electric system, accommodate to operating environment with high corrosion and dust.

CONVENIENT MAINTAINABILITY

- > Big openable engine cover and rotatable engine cover with guard fence design in the rear of the engine cover.
- > The instrument has the fuel indication function, which can real-time monitor the fuel quantity in the fuel tank.
- > The hydraulic oil tank is set in the top; The electrical system is the central control box structure and simplifies the circuit.
- > Convenient injection method of the lubricationg oil;it is easy to fill with lubricating oil;
- > Centralized oil drain design;it is more convenient to change engine oil and hydraulic oil.
- > Convenient maintenance space inside of the engine hood,the door of the hood have insurance absorber shock ,more safer for maintenance.

