



HL933II

HEAVY-DUTY WHEEL LOADER



ITEM	PARAMETER	UNIT
Rated load	3500	kg
Rated bucket capacity	2	m ³
Dumping height(45°dumping angle)	2940	mm
Dumping distance(45°dumping angle)	1056	mm
Max.breakout force	100	kN
Max.traction force	92	kN
Dimension(L*W*H)	7268*2500*3210	mm
Operating weight	10600	kg
Raise time(full load)	5.2	s
Hydraulic time	9.4	s
Steering angle	±40	°
Min.turning radius(Outside of wheel)	5200	mm
Min.turning radius(Outside of bucket)	5881	mm
Gradeability	30	°
Wheelbase	2900	mm
Wheel tread	1900	mm
Travel speed Forward(I / II / III / IV gear)	7.8/13/25/38	km/h
Travel speed reverse(I / II gear)	9.5/28	km/h
Engine Model	Weichai Deutz WP6G125E22	
Rated power	92kw@2200r/min	
Tire size	17.5-25-12PR	

Standard configuration	Optional configuration	Fill Capacity
Weichai Deutz WP6G125E22	3210mm dumping height	Cummins 6BT5.9 engine
2940mm dumping height	Wood clamp	Heater/Air-condition
Cabin with fan	Grass Clamp	Colour type
Push-pull flexible shaft control	Pallet forks	Pilot Operated Control
2.0m ³ bucket	1.5m ³ rock bucket	for Hydraulic System
	1.5m ³ bucket	with Joystick
	1.7m ³ bucket	
		Fuel oil 140L
		Engine oil 20L
		Transmission oil 38L
		Hydraulic oil 190L
		Axle oil(Font/rear) 22/22L

- 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.





ABSTRACT

HL933 II series loader, is the long wheelbase, many conditions, overloading model loader, high configuration, good reliability, high efficiency, good stability, big breakout force, speed fast, hydraulic time is short, strong climbing ability, operation comfort and convenient maintenance, etc

PERFORMANCE

- > Large maintenance space, daily maintenance convenient and quick.
- > The scientific and reasonable system matching with high reliability, low failure rate.
- > Long wheelbase(2900mm), frame 40 degrees, large turning angle designed, wide scope of operation, high efficiency and flexibility, special for heavy condition.
- > Optimal working device, with big breakout force, high fill-ability and high working efficiency.

HIGH RELIABILITY

- > Adopt international advanced technology, high reliability of posture drive axle and rear axle oscillation is larger, the support stiffness is good, through the performance is strong, especially suitable for working in the complex ground environment.
- > The high pressure hose all adopt imported brand rubber hose, good reliability, long service life.
- > 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.
- > The hydraulic component are the domestic well-known brand product, with high quality stability, low failure rate.
- > Hydraulic system had been filtered for each machine, Greatly improves the cleanliness of hydraulic system, effectively improved the reliability of the hydraulic system.
- > Electrophoretic primer processing technology, greatly increasing the rust prevention capacity.

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CONVENIENT MAINTAINABILITY

- > VARTA maintenance-free battery, reliable quality, long service life.
- > Waterproof and anti-corrosion connectors of electric system, accommodate to operating environment with high corrosion and dust.
- > Reasonable designed of the piping system, the pipe going smooth, simple maintenance and good reliability.
- > Centralized oil and water drain design, convenient injection method of the lubrication oil, easy for maintenance.
- > Big openable engine cover and rotatable engine cover with guard fence design in the rear of engine cover.

ERGONOMICALLY DESIGN

- > Perfect instrument monitoring system, acousto-optic dual monitor functions.
- > Optimization designed operating control system, comfortable operation, the driver not easy fatigued.

QUALITY CONTROL SYSTEM

- > HELI have advanced vehicle test ground, in order to confirm the vehicle have the best quality, the truck go through comprehensive experimental.
- > Including: Breakout and traction force test, shape "8" running test, ramp test and Strengthen working test. Full testing the responsibility of the transmission and the brake system and the leakproofness of the vehicle, Guarantee the truck with excellent quality.

