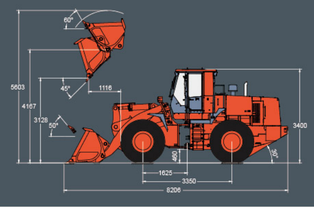
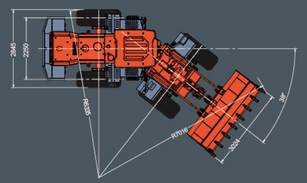
CHL 956II

HEAVY-DUTY WHEEL LOADER





ITEM	PARAMETER	UNIT
Rated load	5000	kg
Rated bucket capacity	3	m³
Dumping height	3128	mm
Dumping distance	1116	mm
Max. breakout force	176	kN
Max. traction force	164	kN
Dimension (L * W * H)	8206×3024×3400	mm
Operating weight	16600	kg
Raise time (full load)	≤5.5	s
Hydraulic cycle time	≤9	s
Steering angle	±38	°
Min. turning radius (Outside of wheel)	6335	mm
Min. turning radius (Outside of bucket)	7016	mm
Gradeability	30	°
Wheelbase	3350	mm
Wheel tread	2250	mm
Travel speed Forward (I/II gear)	11.5/40	km/h
Travel speed Reverse (I gear)	16	km/h
Engine Model	SDEC SC11CB220G2B1 engine (China CAT engine)	
Rated power	162kw@2200r/min	
Tire Size	23.5-25-16PR	

Standard configuration		Optional configuration	
SDEC SC11CB220G2B1 engine (China CAT engine)	Hydraulic steering limit	CUMMINS engine	ROPS/FOPS cabin
Hangzhou Advance double torque converter automatic transmission	3.0 m³ bucket	Pilot control for hydraulic system with Joystick	Weichai WD10G220E21 engine
Meritor / driving axle	3128 mm dumping height	3.5 ~ 4.5 m³ big bucket	
Soft cable control for hydraulic system		2.5 m³ rock bucket	
Heater		3495mm high dumping height	
Suspension seat		Air conditioner	
Luxury wide-view cabin		Wood clamp, grass clamp, pallet forks, sweeper.	

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

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ERGONOMICALLY DESIGN

- Large space panoramic driving cabin; dust prevention, shock absorption and noise reduction; Built-in rear view mirror. Improve the comfortableness and safety.
- Air conditioner, multi wind outlets, front & rear defrosters, help to care the driver comprehensively.
- Optimized design for cabin passageway, more safe and convenient to get off / get in cabin.

PERFORMANCE

- The design is based on the heavy load condition, especially suitable in the 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.
- All systems of the machine had been matched perfectly, with higher reliability, lower fault rate and very good heat balance.
- The raise time with full load is less than 5.5s, high efficiency.

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.
- Optimized radiator. Always keeping cooling system working wery well.
- Cradle type rear driving axle, with wide swing angle and big support bearing.
- In-shift split type caliper brake system. Convenient and fast for maintenance.
- Electrophoretic primer processing technology, greatly increasing the rust prevention capacity.
- Hydraulic system had been filtered for each machine. Greatly improved the cleanness of hydraulic system.
- VARTA maintenance-free batteries 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 engine cover.
- The instrument has the fuel indication function, which can real-rim monitor the fuel quantity in the fuel tank.
- The hydraulic oil tank is set on the top of engine hood; Perfect space on both sides of rear chassis for maintenance.
- Convenient injection method of the lubricating oil; easy to fill with lubricating oil.
- Centralized oil drain design; it is more convenient to change engine oil and hydraulic oil.