CHANGLIN CONSTRUCTION MACHINERY
常林工程机械 ·2012·

Wheel Loader

Motor Grader

Excavator

Backhoe Loader

Vibratory Roller

Pneumatic Roller

Skid Steer

Crane Truck

Bulldozer

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DEALER:

996

CHANGLIN COMPANY LIMITED

额定功率(Rated Power):250kW@2100rpm 操作重量(Operating Weight):31500Kg 额定斗容(Rated Bucket Capacity):5.1m^3

- Equipped with Cummins engine(made in USA).
- German ZF fixed-shaft T/M and 3-elements T/C are mature and reliable.
- Loading sensitrve hydraulic system with high energy saving and easy operation.
- German ZF axles with multi-disc wet-type brake and limited-slip differential more adapt to work in tough working site.
- Indeprndent radiation with the fan driven by a hydraulic motor soas to realrze automatic speed.
- Overll electric oppliance adopts centralize control and inspection and maintenanc are lonvenient.

常林股份有限公司

996 WHEEL LOADER MAIN SPECIFICATIONS 轮式装载机主要技术参数

CHANGLIN

发动机(Engine)

型号……康明斯QSM11
Model……Cummins QSM11
型式……直喷、涡轮增压、水冷
Type……Direct injection、turbocharged、water cooling
额定功率Rated Power……250kW
额定转速Rated Speed……2100rpm

变速系统 (Transmission System)

变矩器型式……单级单相三元件
Torque converter type…Single stage、single phase and 3-elements
冷却方式……油冷压力循环式
Cooling mode……Oil cooling pressure circulating
ZF 变速箱型式……定轴式动力换档
ZF Transmission type……fixed shaft power shift
档位（前进/后退）……前四后三
Shifts(Forward/Backward)……F4/R3

行驶速度(km/h) Traveling speed	I	II	III	IV
前进 Forward	6.4	11.94	18.72	32
后退 Backward	6.4	11.94	24.6	

驱动桥 (Axles)

最大牵引力 Max. drawing force……261kN
主传动速比 Gear ratio of main drive……5
轮边减速比 Gear ratio of hub reduction……5.4
最大爬坡能力 Max. gradient capacity……25°

转向系统 (Steering System)

型式……中间铰接单板车架、流量放大全液压转向
Type……Middle articulated single-plate frame、flow amp. full hydraulic steering
转向角 Steering angle……±38°
最小转弯半径Min.steering radius outside of rear wheel……6725mm
系统压力 System pressure……21MPa.
转向油缸数-缸径×行程……2-⌀110×486mm.
No.of cylinders-Bore×Stroke……2-⌀110×486mm.

轮胎 (Tyre)

轮胎规格 Tyre size……29.5-25-28PR(L-3)

工作装置 (Working Equipment)

单摇臂低支点优化设计的工作装置，自动放平作为标配。
Single swing arm low fulcrum working equipment, Automatic leveling device as standard confugration.
最大掘起力 Max.breakout force……202kN
卸载高度 Dumping clearance……3300mm
卸载距离 Dumping reach……1430mm
倾翻载荷（全转向）Tipping load full turn……20000kg

工作液压系统 (Working Hydraulic System)

型式 Type……单手柄比例先导操纵 Single handle P.P.C
系统压力 System pressure……26MPa
油缸数量-缸径×行程 No.of cylinders-Bore×Stroke
举升油缸 Lifting cylinder……2-⌀200×790mm.
翻斗油缸 Tilting cylinder……1-⌀225×575mm.
提升时间 Lifting time……6.0s
下降时间 Lowering time……3.4s
卸载时间 Dumping time……1.6s

制动系统 (Brake System)

行车制动……湿式多片制动器
Traveling Brake……Wet type multi-disc brake
停车制动……手动电控液压作用盘式制动器，可作为紧急制动。
Parking brake……Manual electro-controlled actuate disc brake act as emergency brake.

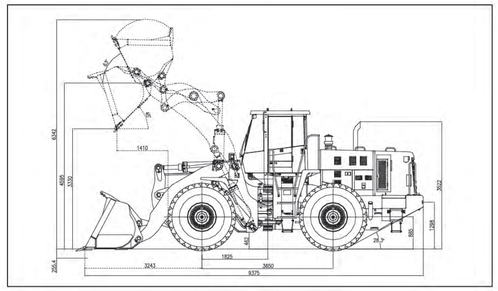
油量 (Refill Capacity)

燃油箱 Fuel tank……480L
发动机曲轴箱 Engine crank case……32L
双变系统 T/C and T/M……43L
液压油箱 Hydraulic tank……260L
前后桥 F/R axles……51L(for each)

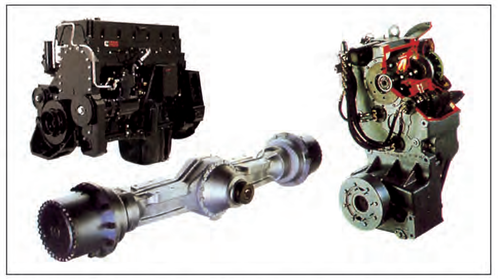
驾驶室 (Cabin)

Vibration-absorbed humanistic cabin with adjustable steering wheel and chair,and streamline dashboard provide low noise,comfortable operation and wide eyeshot.

The specifications and pictures are subject to change without any notice.



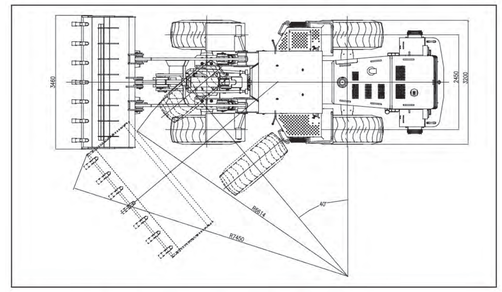
Best Matched Power Train



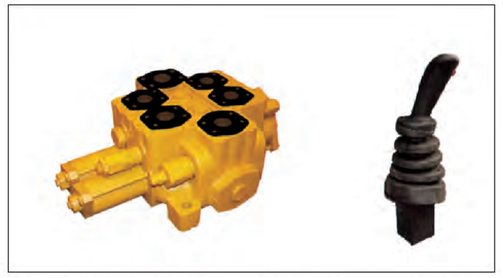
■ Adopted Cummins engine that features large power reservation, low oil consumption and good power performance.
■ Shifting control handle adopts electronic induction control pro-long service lifetime.
■ Key components adopt international famousbrand greatly enhance reliability.
■ Wet-type axles with limited-slip differentials deliver maximum traction in changing traction conditions.

Luxury cabin

■ Electronic monitor panel with digital show and adjustable steering wheel make operator easy and comfortable.
■ Adopted electronic monitor system to fulfill three-stage alarm, it has the function of automatic diagnosis troubleshooting,greatly improve service ability.
■ Half-automatic control of KD switch owns perfect control performance.
■ Cabin featured luxury interior decoration and beautiful appearance and good eyeshot.
■ Ensemble constitution cabin with ROFS/FOPS

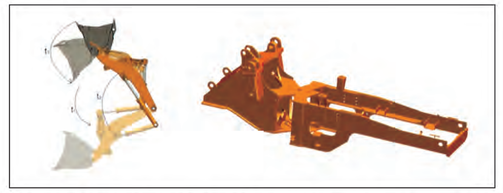


High Efficiency Hydraulic System



■ Imported single handle P.P.C features comfortable and easy and accurate operation,fast reaction.
■ Combined flow of two pumps saves energy and increases efficiency.
■ Hydraulic tank with vacuum device ensures easy maintenance and fixing of hydraulic system.
■ Rexroth Looding sensirive hydraulic system with high enrgy saving and easy operation

Heavy-duty Working Equipment



■ The optimized strengthened front/rear frame was more solid and durable,single-plate structure of rear frame reduce distortion and irregular welds and greatly promote reliability.
■ The working equipment with optimized design of single swing arm has big break force and high working efficiency.

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Construction Machinery

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