Wheel Loader

Motor Grader

Excavator

Backhoe Loader

Vibratory Roller

Pneumatic Roller

Bulldozer

Crane Truck

Skid Steer

SINOMACH CHANGLIN COMPANY LIMITED

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DEALER:

957S

CHANGLIN **CHANGLIN COMPANY LIMITED**

额定功率(Rated Power):160kW@2200rpm(Cummins) / 162kW@2200rpms(Shangchai)
操作重量(Operating Weight):16700Kg 额定斗容(Rated Bucket Capacity):3.0m^3

- Equipped with Cummins 6LTAA9.3 / SHANG CHAI SC11CB220G2B1 engine.
- Outstanding ZF fixed shaft T/M and 3-elements are mature and reliable.
- Easy、accurate and flexible imported single-handle P. P.C system,bucket automatic leveling device, assure operation quick and reliable.
- KD switch owns better efficiency and easy operation.
- Luxury cab decoration and A/C and adjustable steering wheel provide operator more space and comfort.
- Key components of international brands are used to enhance reliability.

国机重工 CHANGLIN 国机重工集团常林有限公司
SINOMACH CHANGLIN COMPANY LIMITED

957S 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 6LTAA9.3/上柴 SC11CB220G2B1
Mode……Cummins 6LTAA9.3
……SHANG CHAI SC11CB220G2B1
型式……直喷、涡轮增压、水冷
Type……Direct injection、turbocharged、water cooling
额定功率Rated Power ……160kW/162kW
额定转速Rated Speed……2200rpm

变速系统 (Transmission System)

变矩器型式……单级三相
Torque converter type ……Single stage、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	6.8	12.2	24.3	35
后退 Backward	6.8	12.2	24.5	

驱动桥 (Axles)

小松技术湿式制动前后桥
Komatsu technology wet-type brake front and rear axles
最大牵引力 Max. drawing force……150kN
主传动速比 Gear ratio of main drive……4.556
轮边减速比 Gear ratio of hub reduction……5
最大爬坡能力 Max. gradient capacity……30°

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 at the center of outside tire……6098mm
系统压力 System pressure……16MPa.
转向油缸数–缸径×行程……2-φ90×435mm.
No.of cylinders-Bore×Stroke……2-φ90×435mm.

轮胎 (Tyre)

轮胎规格 Tyre size……23.5-25-16PR

工作装置 (Working Equipment)

单摇臂高支点优化设计的工作装置，自动放平作为标配。
Single swing arm high fulcrum working equipment, Automatic leveling device as standard confugration.
最大掘起力 Max.breakout force ……165kN
卸载高度 Dumping clearance……3050mm
卸载距离 Dumping reach……1107mm
倾翻载荷（全转向）Tipping load full turn……10200kg

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 ……180kgf/cm²
油缸数量–缸径×行程 No.-of cylinders Bore×Stroke
举升油缸 Lifting cylinder……φ160×90×810mm.
翻斗油缸 Tilting cylinder……φ180×90×563mm.
提升时间 Lifting time……≤5.6s
下降时间 Lowering time……≤3.7s
卸载时间 Dumping time……≤1.7s

制动系统 (Brake System)

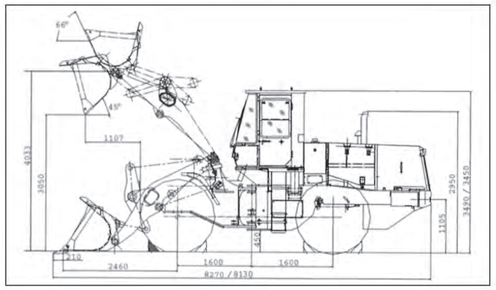
行车制动……气顶液制动系统
Service Brake ……Air over hydraulic brake system
桥制动形式……湿式桥制动盘式
Type of axle brake……Wet type multi-disc brake in axle
停车制动 ……鼓式制动，手控切断气压或油压制动
Parking brake……Drum brake,
……Manual control cutting-off air/oil brake

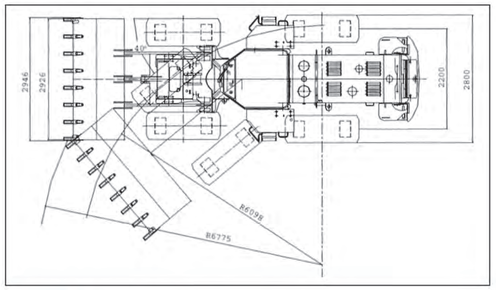
油量 (Refill Capacity)

燃油箱 Fuel tank……250L
发动机曲轴箱 Engine crank case……19L(Cummins)
……42L(Shangchai)
双变系统 T/C and T/M……42L
液压油箱 Hydraulic tank……250L
前后桥 F/R axles ……32L

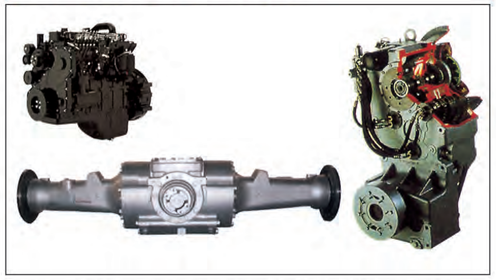
驾驶室 (Cabin)

Vibration-absorbed humanistic cabin with adjustable steering wheel and seat、and streamline dashboard provide low noise、air conditioning、comfortable operation and wide eyeshot.



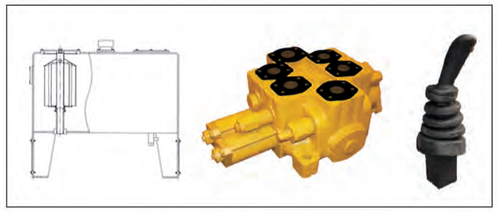


Best Matched Power Train



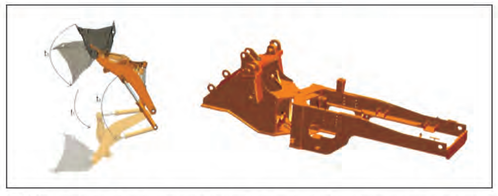
- Adopted Cummins engine or SHANG CHAI engine that features large power reservation,low oil consumption and good power performance.
- Shifting control handle adopts electronic induction control pro- long service lifetime.
- Free maintenance of wet-type axles that features high reliability.

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.

Heavy-duty Working Equipment



- The optimized strengthened front/rear frame was more solid and durable,single-plate structure of rear frame reduce disto- rtion 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.

Comfortable Cabin

- Half-automatic control of KD switch owns perfect control performance.
- Cabin featured luxury interior decoration and beautiful appear- ance and good eyeshot.

Optional Attachment

防滚翻 ROPS Frame | 木爪 Log Clamp | 矿石斗(2.6m³) Mineral Bucket | 侧卸 Side-dump Bucket | 除雪装置 Snow Cleaner | 草爪 Grass Clamp | 叉 Fork | 岩石斗 Rock Bucket

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