CHANGLIN COMPANY LIMITED
常林股份有限公司 ·2014·06

Optional Attachment

叉
Fork

加长臂
Extension Arm

草爪
Grass Clamp

枝桠材抓具
Branch Clamp

木爪
Log Clamp

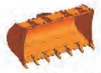
大容量抓具
Large Capacity Clamp

岩石斗(1.77m³)
Rock Bucket

煤斗(2.0m³)
Coal Bucket

矿石斗(1.4m³)
Mineral Bucket

粮食斗(2.2m³)
Grain Bucket


加大斗(2.0m³)
Large Capacity Bucket

特大斗(3.2m³)
Extra Large Capacity Bucket

Wheel Loader

Motor Grader

Excavator

Backhoe Loader

Vibratory Roller

Pneumatic Roller

Skid Steer

Crane Truck

Bulldozer

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DEALER:

SINOMACH HEAVY INDUSTRY

937H

CHANGLIN CHANGLIN CHANGLIN COMPANY LIMITED

额定功率(Rated Power):97kW@2200rpm 操作重量(Operating Weight):10200Kg 额定斗容(Rated Bucket Capacity):1.7m³

- Equipped with Cummins engine.
- Long-time tested fixed shaft power shift T/M and 3-elements T/C are mature and reliable.
- Luxury cab decoration and A/C provide operator comfort.
- Good performance in reliability and comfort, and superior serviceability.

常林股份有限公司

937H 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 6BT5.9
Model ……Cummins 6BT5.9
型式……直喷、涡轮增压、水冷
Type……Direct injection, turbocharged, water cooling
额定功率Rated Power……97kW
额定转速Rated Speed……2200rpm

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
变速箱型式……圆柱直齿轮平行轴常啮合式
Transmission type……Spur gear parallel shaft、constant-mesh
档位（前进／后退……前三后三
Shifts (Forward/Backward)……F3/R3

行驶速度(km/h) Traveling speed	I	II	III
前进 Forward	7.3	15.7	35
后退 Backward	7.8	16.8	36

驱动桥 (Axles)

最大牵引力 Max. drawing force ……83kN
主传动速比 Gear ratio of main drive……3.889
轮边减速比 Gear ratio of hub reduction……4.941
最大爬坡能力 Max. gradient capacity……30°

转向系统 (Steering System)

型式……中间铰接、负荷传感全液压转向
Type……Middle articulated frame、load sensing full hydraulic steering
转向角 Steering angle……±38°
最小转弯半径Min.steering radius outside of rear wheel……5205mm
系统压力 System pressure……14MPa
发动机额定转速时的流量……110L/min
Flow rate at engine rated speed……110L/min
转向油缸数–缸径×行程……2-φ70×357mm
No.of cylinders-Bore×Stroke……2-φ 70×357mm

工作装置 (Working Equipment)

最大掘起力 Max.breakout force……96kN
卸载高度 Dumping clearance……2934mm
卸载距离 Dumping reach……1043mm
倾翻载荷（全转向）Tipping load full turn ……5880kg

工作液压系统 (Working Hydraulic System)

型式 Type…双手柄软轴操纵 double handle flexible shaft control
系统压力 System pressure……16MPa
发动机额定转速时的流量……220L/min
Flow rate at engine rated speed……220L/min
油缸数量–缸径×行程 No. of cylinders-Bore×Stroke
举升油缸 Lifting cylinder……2-⌀125×697mm.
翻斗油缸 Tilting cylinder……1-⌀150×470mm.
提升时间 Lifting time……5.1s
下降时间 Lowering time……3.0s
卸载时间 Dumping time……1.1s

轮胎 (Tyre)

轮胎规格 Tyre size……17.5-25-12PR

制动系统 (Brake System)

行车制动……单管路气顶油钳盘式四轮制动
Service Brake……Single pipeline air caliper disc brake, actuate 4 wheels.
停车制动……手动气控鼓式制动器，可作为紧急制动
Parking brake……Manual air-controlled actuate drum brake act as emergency brake.

油量 (Refill Capacity)

燃油箱 Fuel tank……130L
发动机曲轴箱 Engine crank case……13.5L
双变系统 T/C and T/M……35L
液压油箱 Hydraulic tank……120L
前后桥 F/R axles ……16L/15L

驾驶室 (Cabin)

Vibration-absorbed humanistic cabin and streamline dashboard provide low noise,comfortable operation and wide eyeshot.

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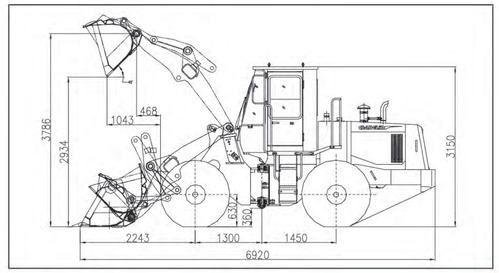
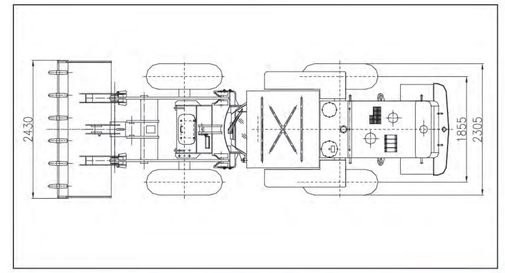
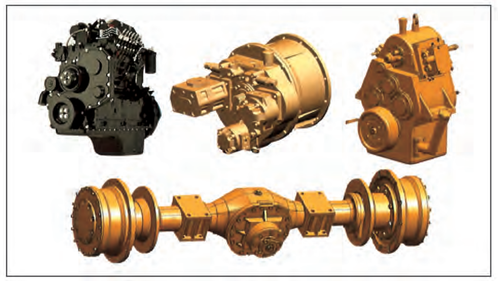




Best Matched Power Train



- Adopted Cummins engine that features large power reservation, low oil consumption and good power performance.
- Internationally sourced bearing in crucial places of T/C & T/M and driving axle ensures high reliability.
- Long-time tested CHANGLIN brand driving axles more suitable for tough working sites.

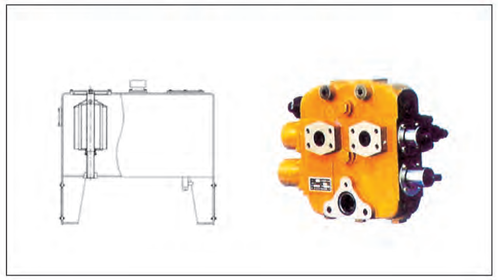
Advanced & Reliable Brake System

- Axle housing and hub reduction adopted separate structure that features low maintenance cost.
- Dual piping service brake with caliper disc brake ensures safety and reliable.

Comfortable Cabin

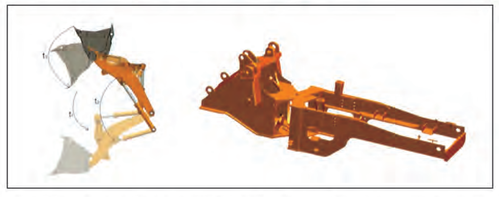
- Cabin featured luxury interior decoration and beautiful appearance and good eyeshot.

High Efficiency Hydraulic System



- Working system adopted independent hydraulic that features simple structure and high stability and low maintenance cost.
- Pipe joints adopted advanced sealing method ensure better sealing effect.
- 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 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.

CHANGLIN

Wheel Loader | Motor Grader | Excavator | Backhoe Loader | Vibratory Roller | Bulldozer

Construction Machinery

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