

额定功率(Rated Power):97kW@2200rpm

操作重量(Operating Weight):12000Kg.(标配)



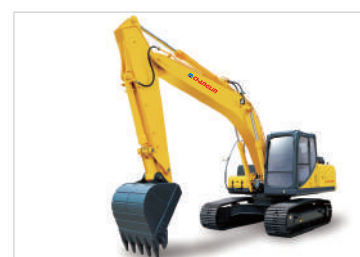
- Equipped with Dong Feng Cummins engine.
- Single-handle electro-hydraulic controlled power shift T/M,6 forward & 3 reverse shifts makes operation easy and convenient.
- Optimum axle load allocation provides excellent stability while grading rough and rocky area.
- Box-Type frame and advanced T/M enable it to complete heavy-duty work.
- A wide working range is accomplished through flexible moldboard suspension system and articulated frame.



Wheel Loader



Motor Grader



Excavator



Backhoe Loader



Vibratory Roller



Truck Crane



Bulldozer



Paver



Skid Steer

国机重工集团国际装备有限公司

SINOMACH-HI INTERNATIONAL EQUIPMENT CO., LTD.

Add:No.898 West Huang He Road, Changzhou city, Jiangsu Province, China

PC:213136

Tel:+86 18206118629

<https://www.cnchanglin.com/>

E-mail:sales8@changlin.com.cn



国机重工集团国际装备有限公司
SINOMACH-HI International Equipment Co.,Ltd.



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



ZF 技术的电液控制动力换挡变速箱, 单手柄操作, 中位锁定。
Electro-hydraulic controlled power shift transmission adopted ZF
technology, single handle operation, lock in the neutral.

Gearshift	Forward speed	Reverse speed
1 st	6.9	6.9
2 nd	10.7	17.3
3 rd	17.3	37.8
4 th	26	
5 th	37.8	
6 th	53.4	



系统压力System pressure.....	17.5mpa
发动机额定转速时的流量.....	99L/min
Flow rate at engine rated speed.....	99L/min



前轮的最大转向角.....	左右各 49°
Max. turning range.....	left or right 49°
车架转向角.....	左右各 26°
Frame articulation.....	left or right 26°
最小转弯半径.....	6600mm
Min. turning radius.....	6600mm
系统压力 System pressure.....	16mpa
发动机额定转速时的流量.....	55L/min
Flow rate at engine rated speed.....	55L/min



前桥.....中央离地间隙 430mm, 摆角为 $\pm 16^\circ$
Front axle.....Ground clearance 610mm and oscillation angle
(total) $\pm 16^\circ$
前轮倾斜角 wheel lean angle.....right or left 17°
后桥: 全浮式后桥, 带 NO-SPIN 差速器
Rear axle: full-floating rear axle with NO-SPIN differential



平衡摆角 (Tandem oscillation) 13° forward and reverse
终传动 螺旋锥齿轮, 单级减速。
Final driving Spiral bevel gear, single stage reduction
串联传动 采用双排滚子链
Tandem drive Double row roller-chains



行车制动.....	全液压制动, 鼓式制动器
Service brake.....	Hydraulic brake system, drum brake
驻车制动.....	软轴操纵作用内涨鼓式制动器。
Parking brake.....	Flexible shaft control actuated inner-expanding drum brake



铲刀尺寸 Dimensions.....3658mm x 545mm x 16mm



铲刀移动距离(Moldboard side shift)	
Right.....	815mm
Left.....	815mm
Max. shoulder reach outside rear tires(frame straight)	
Right.....	2000mm
Left.....	2000mm
Max. lift above ground.....	450mm
Max. grading depth.....	535mm
Max. blade angle, right or left.....	90°
Blade tip angle.....	29° ~ 77°



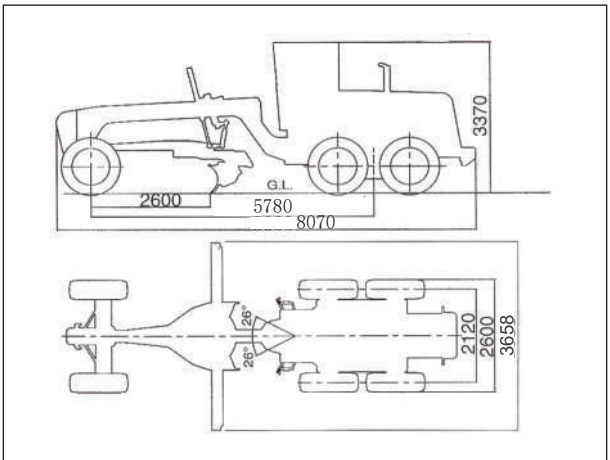
轮胎规格 Tyre size.....17.5-25-12PR L-3



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

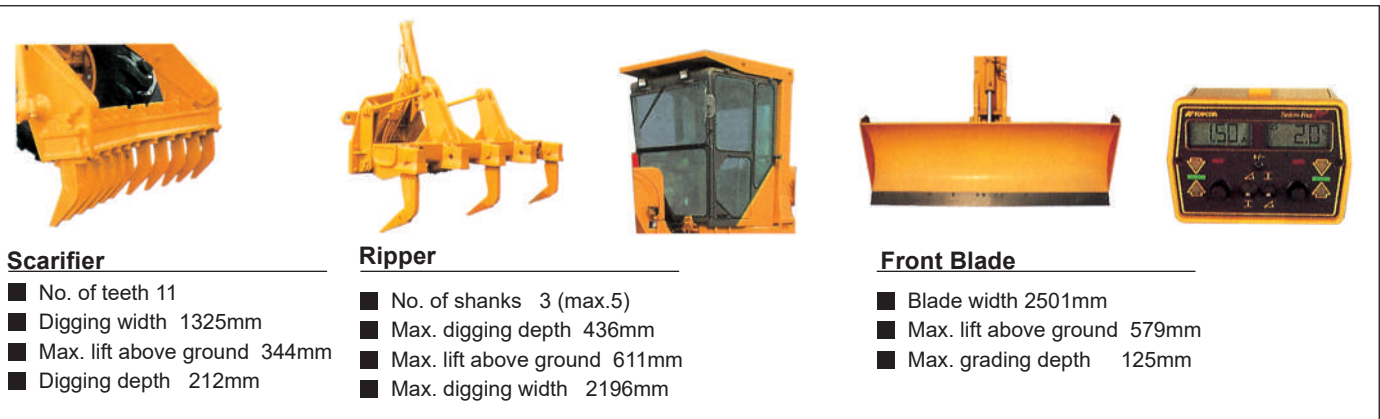


燃油箱 Fuel tank.....	270L
变速箱 Transmission.....	28L
曲轴箱 Crank case.....	17L
后桥 Rear axle.....	18L
平衡箱(单边) Tandem housing(each).....	45L
液压系统 Hydraulic system.....	47L



- Full-closed cabin with the visibility up to 47%.

1. 空调Air conditoner 4. 防滚翻ROPS Frame 7. 后松Ripper
2. 轮胎Tyre size: 13.00-24-12PR G-2 5. 推土板Front Blade
3. 自动找平仪Automatic leveling device 6. 前松Scarifier



- No. of teeth 11
- Digging width 1325mm
- Max. lift above ground 344mm
- Digging depth 212mm

- No. of shanks 3 (max.5)
- Max. digging depth 436mm
- Max. lift above ground 611mm
- Max. digging width 2196mm

- Blade width 2501mm
- Max. lift above ground 579mm
- Max. grading depth 125mm

The image contains two photographs of a diesel engine. The left photograph is in black and white and shows a side profile of the engine, highlighting its various components like the cylinder head, valves, and cooling fan. The right photograph is in color and shows the same engine from a slightly different angle, emphasizing its orange-painted base and green-painted upper components.

- Equipped with Cummins engine that features strong power and low oil consumption.
- ZF technology transmission with single handle that features perfect performance and easy operation.

The image displays two hydraulic components. On the left is a green hydraulic pump with a blue flexible hose attached to its top. It features two red circular ports on the front and a silver label on the side. On the right is an orange multi-port valve assembly, which is a rectangular block with multiple ports arranged in a grid pattern, likely for a multi-circuit hydraulic system.

- Adopted imported components in crucial places greatly enhance reliability.