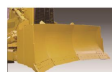


SINOMACH
GTU160
SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.

(额定功率) Rated power:131kW

(整机重量) Weight:16400kg

Optional Attachment


U blade



3 tooth ripper



Straight tilt blade



Angle blade



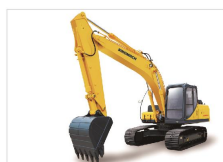
Blade for garbage



Wheel Loader



Motor Grader



Excavator



Backhoe Loader



Vibratory Roller



Truck Mounted Crane



Bulldozer



Paver



Skid Steer



- The machine features reasonable layout, excellent performance and advanced technology.
- Higher engine power reserves efficiency, bigger torque output, lower fuel consumption, while better reliability.
- Hydraulically controlled drive, automatically speed regulating and non-stop gear shifting.
- The final drive uses triangle Spline and tip relief, crowned gear drive to enhance the balance and the stability of the load of transmission Part.
- The novel hexahedral cab offers excellent visibility, the powerful ventilation and unparalleled dust-free.


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DEALER:

2023.02


**国机重工集团国际装备有限公司
SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.**

GTU160 BULLDOZER MAIN SPECIFICATIONS

推土机主要技术参数



发动机(ENGINE)

型号..... 潍柴 WEICHA I WD10G178E25
Model..... WEICHA I WD10G178E25
型式.....四冲程、水冷、直列、直喷式
Type.....Four-stroke, water cooling, straight vertical,
direct injection type
额定功率 Rated power 131kW@1850rpm
最大扭矩 Max. torque..... 830N.m@1100rpm
缸数-缸径×行程6-φ126×130mm
Number of cylinders-bore×stroke.....6-φ126×130mm
启动方式.....24V,7.5kW 启动马达
Starting methodStarting motor 24V,7.5kW
蓄电池.....24V(12V×2)-195Ah
Battery.....24V(12V×2)-195Ah
空气滤清器.....干式、预旋旋流滤清器
Air cleaner.....Dry type, precleaned cyclone air cleaner
最低燃油消耗量 Min fuel consumption ratio.....214g/kw·h

传动装置 TRANSMISSION SYSTEM

液力变矩器.....三元件, 单级, 单档
Torque converter.....3-element,single-stage,single-phase
变速箱.....手操纵、液压换挡、行星齿轮、多片离合器式、
泵压送强制润滑
Transmission.....Hand-operated, Hydraulic shift, Planetary gear,
multiple disc clutch, forced lubrication by gear pump.
中央传动.....螺旋伞齿轮、飞溅润滑
Bevel gear.....Helical bevel gear, Splash lubricated
转向离合器.....湿式多片, 弹簧压紧, 手动液压操纵, 液压分离
Steering clutch.....Wet, Multiple disc, Spring loaded,
Hand-operated with booster and hydraulic-released
转向制动器.....湿式, 带式, 液压助力联动操纵
Steering brake.....Wet, band brake, operated with hydraulic booster
最终传动.....正齿轮, 二级减速, 飞溅润滑
Final drive.....double reduction, splash lubricated
爬坡能力 Grade ability.....30°

行驶速度 TRAVEL SPEED(km/h)

	1st	2st	3st
前进 Forward	3.3	5.8	9.6
后退 Reverse	4.3	7.6	12.5

工作装置液压系统

HYDRAULIC SYSTEM OF WORK EQUIPMENT

工作压力 Working pressure.....14Mpa
额定流量 (2000r/min)243L/min
油泵 Pump.....齿轮泵 Gearpump
操作阀.....手动滑阀式
Control valve.....Hand-operated, sliding type

行走装置 UNDER CARRIAGE

驱动轮 Sprocket.....链块式大链轮 Segmented
支重轮数 (每侧)6/7
Number of track rollers(each side)6/7
张力机构 Track tension.....黄油涨紧 Hydraulic-adjusted
*驱动轮, 支重轮, 托轮和引导轮均采用浮动油封
Floating seals are used in all sprockets, track rollers, carrier rollers
and front idlers

工作装置 WORK EQUIPMENT

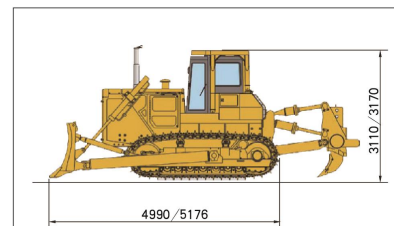
	GTU160	GTU160S
推土板形式 Blade type.....	直臂铲 Straight tilt blade	角臂铲 Angle blade
宽 Width.....	3440mm	3670mm
高 Height.....	1135mm	1040mm
最大切土深度 Max.drop below ground	540mm	540mm
最大侧倾量 Max.Tilt.....	400mm	-
铲刀容量 Blade capacity.....	4.5m³	4.3m³

履带 TRACK

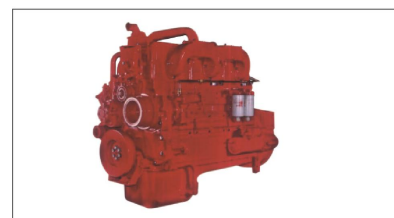
型式 Type.....密封润滑式。单履齿或密封式单履齿
Sealed and lubricated single
grouser or sealed single grouser
节距 Track pitch.....
宽度 Track width.....
履带板数 (每侧) Number of track shoes(each side).....
履带接地长度 Length of track on ground.....
离地间隙 Ground clearance.....
履带中心距 Track gauge.....

三齿松土器 3 SHANK RIPPER

最大松土深度 Max. digging depth572mm
最大离地提升高度 Max. lift above ground.....592mm
重量 Weight1667kg



Engine

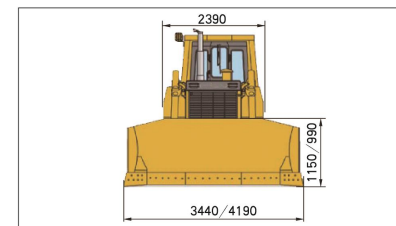


- Pulse exhaust manifold for improving performance and emission.
With a high torque reserve and a low speed under the maximum torque condition for a good adaptation.
- High quality cast iron and special designed valve guide for the seal performance and durability.
- Robust and precise balance design for crankshaft.
- Advanced turbocharger and air-air aftercooler technology.
- 4 valves per cylinder for high power and low fuel consumption.

Final drive



- The final drive uses triangle Spline and tip relief,crowned gear drive for enhanced balance and the stability during power transmission, lower noise,excellent reliability and added life.



Torque Converter



- It features simple architecture, easy maintenance, low noise, excellent reliability, stepless speed regulating which ensure perfect match to the machine for an outstanding traction and a stable transmission.

Gearbox



- Hydraulic controlled gearshift is realized by operating the control valve,and without having to stop the machine, when operated with the torque converter to save operator effort.
- The transmission is combined with four planets lines and a rotary lock-up clutch, multiple disc clutch hydraulic controlled release, forced lubrication, with 3 speeds forward and 3 speeds backward.