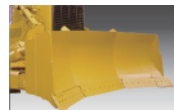


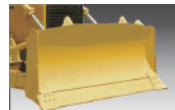
Optional Attachment



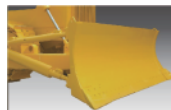
U blade



3 tooth ripper



Straight tilt blade



Angle blade



Blade for garbage



Single teeth ripper



Wheel Loader



Motor Grader



Excavator



Backhoe Loader



Vibratory Roller



Truck Mounted Crane



Bulldozer



Paver



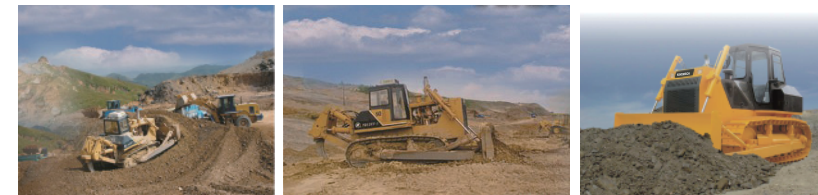
Skid Steer

SINOMACH

GTY320

SINOMACH-HI International Equipment Co.,Ltd.

额定功率Rated power: 257kW@1800rpm 整机重量Weight:37200kg(without ripper)



- The appearance of the vehicle is based on optimization design.
- 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.
- 3-element, single stage, single phase torque converter for higher efficiency and bigger capacity.
- The novel hexahedral cab offers excellent visibility, the powerful ventilation and unparalleled dust-free.
- The final drive uses triangle Spline and tip relief, crowned gear drive for enhanced balance and the stability during power transmission and added life
- New blade is more durable and capacious
- Alarming monitoring system is efficient and reliable
- Implement controls are piloted to minimize operating effort



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Http://www.sinomachhiglobal.com

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发动机(ENGINE)

型号.....康明斯 NTA855-C360S10
Model.....Cummins NTA855-C360S10
型式.....增压立式四冲程
Type.....Turbocharged, aftercooled,Four- Stroke
额定功率 Rated power 257kW@2000rpm
最大扭矩 Max. torque1440N.m@2000rpm
缸数-缸径×行程6-φ139.7×152.4mm
Number of cylinders-bore×stroke.....6-φ139.7×152.4mm
启动方式.....24V,11kW 电动机启动
Starting method Electric starting24V11kw
最低燃油消耗量 Min fuel consemption ratio.....245g/kw·h

传动装置 TRANSMISSION SYSTEM

液力变矩器.....三元件，单级，单相
Torque converter.....3-element,single-stage,single-phase
变速箱.....行星齿轮，多片离合器，液压结合强制润滑式，前进三档后退三档。
Transmission.....Planetary gear,multiple-disc clutch,hydraublc actuated,forced lubrication by gear pump, 3 forward and 3 reverse speeds.
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.....湿式多片离合器，弹簧压紧，液压分离
Steering clutch...Wet,Multiple disc,Spring loaded,hydraulically 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.....直齿轮，二级减速，飞溅润滑
Final drive.....double reduction,splash lubricated

行驶速度 TRAVEL SPEED(km/h)

	1st	2st	3st
前进 Forward	3.6	6.6	11.5
后退 Reverse	4.4	7.8	13.5

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）355L/min
油泵 Pump.....齿轮泵 Gearpump

行走装置 UNDER CARRLAGE

驱动轮 Sprocket.....镶块式大链轮 Segmented
支重轮数（每侧）7(5单，2双)
Number of track rollers(each side).....7(5Single, 2double)
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

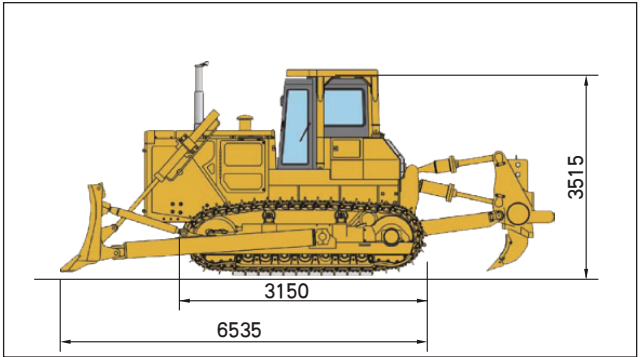
推土板形式 Blade type	直倾铲 Straight-tilt blade	角铲 Angle blade	半U铲 Semi-U blade
铲刀宽度 Blade Width	4150mm	5000mm	4150mm
铲刀高度 Blade height	1592mm	1142mm	1712mm
最大切土深度 Max.drop below ground	560mm	630mm	560mm
最大侧倾量 Max.Tilt	1000mm	500mm	1000mm
铲刀容量 Blade capacity	10m³	6.2m³	11.7m³

履带 TRACK

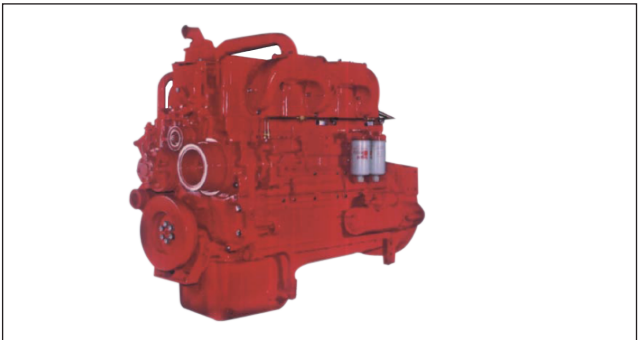
型式 Type.....密封式 单履齿 Sealed,single grouser
节距 Track pitch.....228.6mm
宽度 Track width.....560mm
履带板数（每侧） Number of track shoes(each side).....41
履带接地长度 Length of track on ground.....3150
离地间隙 Ground clearance.....500
履带中心距 Track gauge.....2140

松土器 RIPPER

型式 Type.....单齿Single Shank/三齿 Three Shank
最大松土深度 Max.dig below ground..... 470/543mm
最大提升高度 Max.lift above ground..... 995/883mm
重量 Weight..... 4100/4400kg



Engine

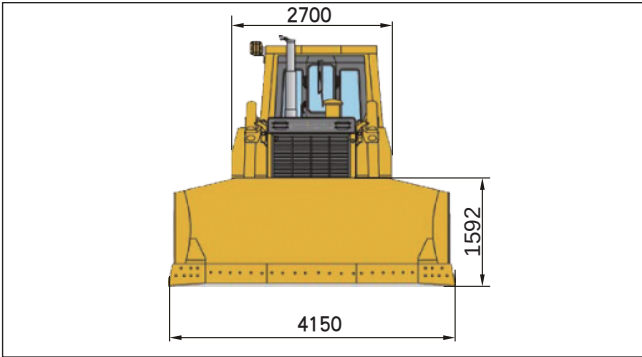


- Pulse exhaust manifold for improving performance and emission. With a high torque reserve and a low speed under the maximum torque condition for a good adaptation.
- High quality cast iron and special designed valve guide for the seal performance and durability.
- Robust and precise balance design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

Hydraulic Torque Converter



- GTY320 torque converter is of 3-element, 1-stage, 1-phase, centripetal turbine type with simple structure but good technology. It provides high power efficiency, great penetration, big capacity and less loss when the turbine idles.
- GTY320 hydraulic torque converter is a newly developed product with the improvement made to the material, process and layout based on introduced Japan Komatsu technology. It features simple archite cture, easy maintenance, low noise, excellent reliability.

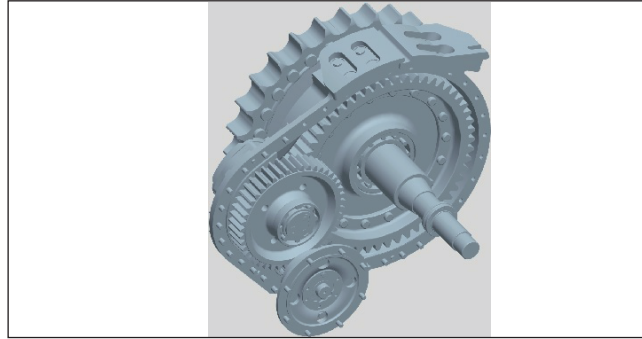


Transmission



- This machine is equipped with transmission of planetary gear and rotary lockup multi-disc clutch.hydraulically engaged and force lubricated. Forward 3 speeds and reverse 3 speeds can be gained by actuating hydraulic controlvalve

Final Drive



- We, as the first domestic company, master the techn ology in the manufacturing tip relief, crowned gear which features heavy load capacity, stable drive and long life.