Optional Attachment

U blade

☆CFANGLIN



SINOMACH-HI International Equipment Co.,Ltd.

CHANGLIN

(额定功率) Rated power: 257kW@1800rpm (整机重量)Weight:37200kg











Angle blade Blade for garbage Single teeth 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







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

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发动机(ENGINE)

型号·······康明斯 NTA855-C360S10
Model·····Cummins NTA855-C360S10
型式
Гуре·····Turbocharged, aftercooled,Four- Stroke
额定功率 Rated power ······· 257kW@2000rpm
最大扭矩 Max. torque ·············1440N.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······
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。

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)

4.4 7.8 13.5

1st 2st 3st 前进 Forward 3.6 6.6 11.5

后退 Reverse

工作装置液压系统

HYDRAULIC SYSTEM OF WORK EQUIPMENT

工作压力 Working pressure······	·····14Мра
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····································				
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

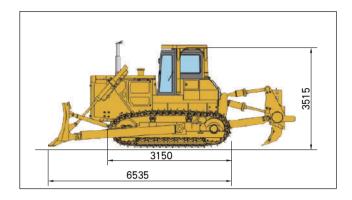
推土板形式 Blade type······	直傾铲 Straight-tilt blade	角铲 Angle blade	半U铲 Semi-U blade
铲刀宽度 Blade Width	4150mm	5000mm	4150mm
铲刀高度 Blade height······	1610mm	1140mm	1710mm
最大切土深度 Max.drop below ground···	560mm	630mm	560mm
最大侧倾量 Max.Tilt······	1000mm	500mm	1000mm
铲刀容量 Blade capacity·····	10m³	6m³	11.7m³

履带 TRACK

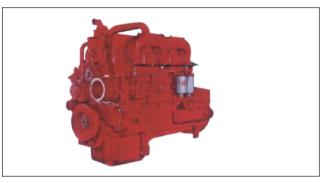
型式 Type······密封式 单履齿 Sealed,sing	gle grouser		
节距 Track pitch·····	····228.6mm		
宽度 Track width	····560mm		
履带板数 (每侧) Number of track shoes(each side)41			
履带接地长度 Length of track on ground ·······	3150		
离地间隙 Ground clearance······	500		
履带中心距 Track gauge······	2140		

松土器 RIPPER

型式 Type············单齿Single Shank/三世	្នី Three Shank
最大松土深度 Max.dig below ground·······	470/543mm
最大提升高度 Max.lift above ground··············	965/883mm
重量 Weight······	3252/3802mm



Engine

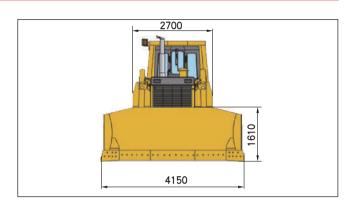


- Pulse exhaust manifold for improving performance and emission. With a high torque reserve and a low speed under the maximum torque condition for a good adaptation.
- High quality cast iron and special designed valve guide for the seal performance and durability.
- Robust and precise balance design 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.