

GTY320

推土机 Bulldozer

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



- 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



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 starting 24V11kw
最低燃油消耗量 Min fuel consumption 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, hydraulic 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 Gear pump

行走装置 UNDER CARRIAGE

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密封
Floating seals are used in all sprockets, track rollers, carrier rollers and front idlers

工作装置 WORK EQUIPMENT

	直犁 Straight-blade	角犁 Angle blade	半U犁 Semi-U blade
推土板形式 Blade type.....	4150mm	5000mm	4130mm
铲刀宽度 Blade Width.....	1610mm	1140mm	1710mm
铲刀高度 Blade height.....	560mm	630mm	560mm
最大切土深度 Max.drop below ground.....	1000mm	500mm	1000mm
最大侧倾量 Max.Tilt.....	10m³	6m³	11.9m³
铲刀容量 Blade capacity.....			

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.....965/883mm
重量 Weight.....3252/3802mm