



220 马力液力推土机 GTY220

220HP Hydraulic Standard Type Bulldozer GTY220



适用范围:

GTY220 系列推土机，采用集中润滑、集中测压、履带自动涨紧等先进技术，可配装多种工作装置和驾驶室，可以满足各种工况的作业需求，是土石方施工、散料铲运的理想高效作业设备。

Scope of Application:

GTY220 series bulldozers adopt advanced technologies such as centralized lubrication, centralized pressure measurement and automatic tightening of crawlers. It can be equipped with a variety of working devices and cabs to meet the various working conditions. They are ideal and efficient equipment for earth and stone construction work and bulk scraping.

产品特点:

- 搭配重发 NT855-C280S10 发动机，动力强劲，高效节能。
- 高可靠性的动力换挡变速箱，稳定的液力变矩器，二级直齿结构的终传动，均可高效的传输动力。
- 可实现故障自动诊断、全程监控。整体铸塑仪表盘集空调、电器、仪表为一体，更加美观高档。



- 全箱型结构的主机架采用钢板焊接全箱型整体式结构，与后桥箱焊接为一体，具备较高的承载冲击载荷和抗弯扭的能力，高质量焊缝确保主机架具有全寿命周期。
- 半刚性悬挂行走系统，增大履带的接地面积，提高车辆的牵引力。
- 按照人体工程学设计，驾驶座椅和扶手可以上下前后调节，变速、转向和油门操纵置于左侧，并采用软轴结构，工作装置操纵置于右侧，采用伺服操纵系统，使操纵过程更加轻便灵活，减轻疲劳。
- 标配的直倾推土铲具有强大的切削力，大型单齿或三齿松土器具有可调节的入土角，可用于粘土、硬化的冻土等土层的疏松，还可用于砾石、板结的盐矿等较坚硬作业面的剥离。

Main Features:

- A CUMMINS NT855-C280S10 engine which can meet gives you more power and reliability you need. Improved fuel economy over the previous model with strong torque output and low fuel consumption gives you excellent overall fluid efficiency.
- The highly reliable power shift transmission, stable torque converter and the two-stage straight-tooth structure final drive transmit power efficiently.
- It can realize automatic fault diagnosis and full monitoring.The overall cast instrument panel integrates air conditioning, electrical appliances and instruments into one, which is more beautiful and luxury.
- The main frame of the full box structure adopts steel plate welded full box type integral structure, which is welded with the rear axle box. It has high impact load bearing capacity and resistance to bending and twisting. High quality weld seam ensures the main frame has a full life cycle.
- According to the ergonomic design, the driver's seat and armrest can be adjusted up and down, the shifting, steering and throttle are placed on the left side, and the soft shaft structure is adopted. The working device is operated on the right side, and the servo control system is used to make the operation process more light and flexible.
- The standard straight tilt blade features powerful cutting force and the three-shank ripper can be equipped for the ripping of clay and frozen earth, featuring high working efficiency and super-strong penetrating force

主要技术参数 Main Specifications

型号 Model	GTY220
名称 Type	Standard Hydraulic Crawler Type
发动机型号 Engine Model	CUMMINS NT855-C280S10



发动机排量 (L) Displacement	14.01
额定功率 (kw/rpm) Rated power	175/1800
最大扭矩 (N.m/rpm) Max.torque	1030/1250
使用重量 Operating weight	23.5 Ton
长×宽×高(mm) Dimension(no ripper)	5460×3725×3395
接地长度 (mm) Grounding length	2730
接地比压(MPa) Ground pressure	0.077
履带中心距 (mm) Track gauge	2000
铲刀容量(m³) Dozing capacity	6.4
铲刀宽度 (mm) Blade width	3725
铲刀高度 (mm) Blade height	1315
最大切削深度 (mm) Max drop below ground	540
履带板宽度 (mm) Track shoe width	560
链轨节距 (mm) Pitch	216
链轨节数量 Quantity of track link	38
托轮数量 Quantity of Carrier rollers	4
支重轮数量 Quantity of Track rollers	12
液压系统最高工作压力 (MPa) Max pressure	14
液压系统流量 L/min Discharge	262
最大牵引力 (KN) Max tractor force	202
前进各档速度 (Km/h) Forward Speed	F1:0-3.6
	F2:0-6.5
	F3:0-11.2
后退各档速度 (Km/h) Rear Speed	R1:0-4.3
	R2:0-7.7
	R3:0-13.2

标准配置 Standard Configurations

序号 S/N	名称 Item	型号 Model	厂家 Manufacturer
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1	发动机 Engine	NT855-C280S10	康明斯 Cummins
2	液力变矩器 Torque converter		海推 HAITUI
3	变速箱 Gear box		海推 HAITUI
4	转向离合器 Steering clutch		荣成金润通 JINRUNTONG
5	制动器 Brake		尚义五环 WUHUAN
6	齿轮泵 Gear pump		长治液压 CHANGZHI
7	多路阀 Valve		大连兴龙 XINLONG
8	履带板 Track shoe	228.6 节距	辽鞍或攀钢 LIAOAN
9	支重轮、托轮 Track roller, carrier roller		济宁金牛 JINNIU
10	油缸 Cylinder		文登油缸厂 WENDENG