

HD22 Hydraulic Crawler Bulldozer



- 发动机型号 Engine:Cummins NT855-C280S10
- 额定功率 Rated Power: 175 kW/1800 rpm
- 操作重量 Operating Weight: 23.5 ton

产品性能 Main Features

- 搭配康明斯发动机，动力强劲，高效节能，符合国 III 排放标准。
- 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。
- 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。
- A CUMMINS NT855-C280S10 engine 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's final drive can 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 convenient and luxury.
- 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.

技术参数 Technical Parameters

整机 Overall	尺寸 Dimension	5460 × 3725 × 3395 mm		
	操作重量 Operating Weight	23500 kg		
发动机 ENGINE	型号 Model	Cummins NT855-C280S10 / QSNT-C235		
	类型 Type	水冷，直列式，顶置气门直喷，涡轮增压，柴油 Water-cooled, In-line, overhead valve direct injection, turbocharged diesel		
	缸数 Number of Cylinders	6		
	缸径 × 行程 Bore × Stroke	Φ 139.7 × 152.4 mm		
	排量 Piston Displacement	14.01 L		
	额定功率 Rated Power	175 KW (238HP) @1800 rpm		
	最大扭矩 Max Torque	1030 N · m @1300 rpm		
	最小耗油量 Fuel Consumption	205 g/kW · h		
变速系统 TRANSMISSION	液力变矩器 Torque Converter	单级单相三元件 3-element, 1 stage, 1 phase		
	变速箱 Transmission	行星齿轮型、动力换挡、强制润滑 Planetary gear type, power-shift, forced lubrication		
	中央传动 Central Drive Shaft	螺旋锥齿轮、一级减速、飞溅润滑、单级减速 Spiral bevel gear, single-stage speed reduction, splash lubrication		
	转向离合器 Steering clutch	湿式、多片、弹簧压紧、液压分离、液压操纵 Wet, multi-disc, spring loaded, hydraulically separated, hydraulic control		
	转向制动器 Steering brake	湿式、浮动式、直接操纵、液压联动 Wet type, floating band structure, foot brake with hydraulic booster		
	终传动 Final drive	直齿二级减速、飞溅润滑式 2-stage speed reduction of spur gear, splash lubrication		
速度 TRAVEL SPEED	档位 Gear	1st	2nd	3rd
	前进 Forward	0~3.6 km/h	0~6.5 km/h	0~11.2 km/h
	后退 Reverse	0~4.3 km/h	0~7.7 km/h	0~13.2 km/h
底盘系统 UNDERCARRIAGE SYSTEM	类型 Type	八字梁摆动式，平衡梁悬挂结构 Sprayed beam, suspended structure of equalizer		
	托轮数量 No. of Carrier Rollers	2 each side		
	支重轮数量 No. of Track Rollers	6 each side		
	履带板数量 No. of Track Shoes	38 each side		
	履带板类型 Track Shoe type	装配式单履齿 Single Grouser		
	履带板宽度 Width of Track shoe	560 mm		
	链轨节距 Pitch	216 mm		
	履带中心距 Track Gauge	2000 mm		
	接地比压 Ground Pressure	0.077 Mpa		
液压系统 HYDRAULIC SYSTEM	最高工作油压 Max Pressure	14 Mpa		
	油泵类型 Pump Type	齿轮泵 Gear Pump		
	流量 Displacement	262 L/Min		
铲刀 BLADE	工作油缸内径 × 数量 Bore of Working Cylinder	120 mm × 2		
	铲刀类型 Blade Type	直倾铲 Straight-tilt Blade	角铲 Angle Blade	半 U 铲 Semi-U-blade
	铲刀容量 Blade Capacity	6.4 m³	4.7 m³	7.5 m³
	铲刀宽度 Blade Width	3725 mm	4365 mm	3725 mm
	铲刀高度 Blade Height	1315 mm	1055 mm	1374 mm
	最大铲土深度 Max Drop Below Ground	538 mm	535 mm	540 mm
	最大倾斜 MaxTilt Adjustment	>735 mm	>500 mm	>755 mm
三齿松土器 THREE SHANK RIPPER	最大松土深度 Max digging depth	666 mm		
	最大离地提升高度 Max lift above ground	555 mm		
	重量 Weight of 3-shank ripper	2495 kg		
单齿松土器 SINGLE SHANK RIPPER	最大松土深度 Max digging depth	695 mm		
	最大离地提升高度 Max lift above ground	515 mm		
	重量 Weight of 1-shank ripper	2453 kg		