

HD32 Hydraulic Crawler Bulldozer



- 发动机型号 Engine: Cummins NTA855-C360S10
- 额定功率 Rated Power: 257 kW/1800 rpm
- 操作重量 Operating Weight: 37.2 ton

▶ 产品性能 Main Features

- 搭配康明斯 NTA855-C360S10 发动机，动力强劲，高效节能；带有废气涡轮增压器，在海拔 4300 米的高原仍能正常工作。
- 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。
- 具有独立的发动机冷却水箱，底盘油冷却器，提供了卓越的冷却性能和简易的保养操作，可确保机器连续作业。
- 终传动低位驱动，可提供更加强大的驱动力和高效的爬坡能力。
- 标配的直倾推土铲具有强大的切削力，大型单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
- A CUMMINS NTA855-C360S10 engine gives you more power and reliability you need. With exhaust turbocharger, it can still work normally at altitude of 4,300 meters.
- The highly reliable power shift transmission, stable torque converter and the two-stage straight-tooth structure's final drive transmit power efficiently.
- With independent engine cooling water tank, chassis oil cooler, water and air intercooler provides excellent cooling performance and simple maintenance operation to ensure continuous operation of the machine.
- The final drive is driven low and provides more powerful driving force and efficient gradeability.
- The standard straight tilt blade features powerful cutting force and the heavy single-shank ripper can be equipped for the ripping of clay and frozen earth, featuring high working efficiency and super-strong penetrating force.

▶ 技术参数 Technical Parameters

整机 Overall	尺寸 Dimension	6880 × 4130 × 3725 mm		
	操作重量 Operating Weight	37200 kg		
发动机 ENGINE	型号 Model	Cummins NTA855-C360S10 / QSNT-C345S30		
	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	Φ139.7 × 152.4 mm		
	排量 Piston Displacement	14.01 L		
	额定功率 Rated Power	257 KW (345HP) @2000 rpm		
	最大扭矩 Max Torque	1440 N · m @1400 rpm		
变速系统 TRANSMISSION	液力变矩器 Torque Converter	单级三相三元件 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	0~6.6 km/h	0~11.5 km/h
	后退 Reverse	0~4.4 km/h	0~7.8 km/h	0~13.5 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	7 each side		
	履带板数量 No. of Track Shoes	41 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	228.6 mm		
	履带中心距 Track Gauge	2140 mm		
液压系统 HYDRAULIC SYSTEM	接地比压 Ground Pressure	0.105 Mpa		
	最高工作油压 Max Pressure	14 Mpa		
	油泵类型 Pump Type	齿轮泵 Gear Pump		
	流量 Displacement	355 L/Min		
铲刀 BLADE	工作油缸内径 × 数量 Bore of Working Cylinder	140 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	10 m³	6 m³	11.9 m³
	铲刀宽度 Blade Width	4130 mm	5000 mm	4130 mm
	铲刀高度 Blade Height	1590 mm	1140 mm	1710 mm
	最大铲土深度 Max Drop Below Ground	560 mm	630 mm	560 mm
	最大倾斜 Max Tilt Adjustment	1000 mm	500 mm	1000 mm
	三齿松土器 THREE SHANK RIPPER	最大松土深度 Max digging depth	842 mm	
最大离地提升高度 Max lift above ground		883 mm		
重量 Weight of 3-shank ripper		3802 kg		
单齿松土器 SINGLE SHANK RIPPER	最大松土深度 Max digging depth	1250 mm		
	最大离地提升高度 Max lift above ground	965 mm		
	重量 Weight of 1-shank ripper	3252 kg		