

## SD7 BULLDOZER SPECIFICATIONS:



### 推土机性能参数 Specifications

铲刀型式 Dozer	直倾铲 Tilt
使用质量(not including ripper) Operation weight (Kg)	23800
接地比压 Ground pressure(KPa)	71.9
履带中心距 Track gauge(mm)	1980
爬坡性能 Gradient	30°/25°
最小离地高度 Min. ground clearance (mm)	404
铲刀容量 Dozing capacity (m <sup>3</sup> )	8.4
铲刀宽度 Blade width (mm)	3500
最大切土深度 Max. digging depth (mm)	498
外形尺寸(长×宽×高) Overall dimensions (mm)	5677×3500×3402
(带松土器) (including ripper)	7616×3500×3402

### 发动机 Engine

型式 Type	CUMMINS NTA855-C280S10
额定转速 Rated revolution (rpm)	2100

飞轮功率 Flywheel power (KW/HP)	169/230
最大扭矩 Max. torque (N•m/rpm)	1097/1500
燃油消耗率 Rated fuel consumption(g/KW•h)	≤235

### 行走系统 Undercarriage system

型式	履带呈三角形布置，驱动链轮高置，弹性悬挂。		
Type	The track is triangle shape, the sprocket is elevated elastic suspended.		
支重轮数量(单侧)	7		
Number of track rollers (each side)	7		
链轨节距(mm)	216		
Pitch (mm)	216		
履带板宽度(mm)	560		
Width of shoe (mm)	560		

速度档 Gear	一档 1st	二档 2nd	三档 3rd
前进 Forward (Km/h)	0-3.9	0-6.5	0-10.9
后退 Backward (Km/h)	0-4.8	0-8.2	0-13.2

### 工作装置液压系统 Implement hydraulic system

最高系统压力 Max. system pressure (MPa)	18.6
油泵型式 Pump type	高压齿轮泵 High pressure gears pump
系统流量 System output (L/min)	194

### 传动系统 Driving system

变矩器	外分流式液力机械变矩器。
Torque converter	Torque converter is power separating hydraulic-mechanic type
变速箱	变速箱为行星齿轮传动，动力换挡变速箱。前进三档、后退三档。 可实现档位和方向的快速变换。
Transmission	Planetary, power shift transmission with three speeds forward and three speeds reverse, speed and direction can be quickly shifted.
转向离合器	转向离合器为免调式、湿式多片、液压压紧的常分离的离合器
Steering clutch.	The steering clutch is hydraulic pressed, usually separated clutch.

制动离合器 ..... 制动离合器为免调式、湿式多片、碟簧压紧、液压分离的常结合的离合器

Braking clutch ..... The braking clutch is pressed by spring, separated ..... hydraulic, meshed type.

最终传动 ..... 终传动为两极行星减速机构，飞溅润滑。

Final drive ..... The final drive is two-stage planetary reduction gear ..... mechanism, splash lubrication.



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