

SD10 推土机

SD10 BULLDOZER



河北宣工
HBXC



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液力机械传动、弹性悬挂行走系统、电控液压操纵行走和工作装置的高驱动履带推土机，满足国内外排放要求。驱动链轮高置与模块化设计是其突出的特点，明显提高了传动系统的寿命，显著缩短的维修和保养时间。具有翻车保护、落物保护装置和故障自诊断功能，特别适用于大型矿山、水利、交通等建设工程项目的土石方作业。

SD10 is sprocket-elevated crawler bulldozer featuring hydraulic-mechanical transmission, elastic-suspended undercarriage system, electro-hydraulic controls for both the walking and working devices. It meets both domestic and international emission standards requirement. The prominent features include elevated sprocket and modular design, which significantly prolong the life of the transmission system and remarkably shorten the maintenance and servicing time. Equipped with ROPS& FOPS cab, and fault self-diagnosis function, it is especially suitable for large-scale mining, water conservancy, transportation and other engineering construction projects.

推土机性能参数 Specifications

铲刀型式 Dozer	SU铲 Semi-U Tilting Blade
使用质量 Operation weight (kg)	
(含松土器 Including ripper)	70100
接地比压 Ground pressure (kpa)	132
履带中心距 Track gauge (mm)	2550
最小离地高度 Min. ground clearance (mm)	716
坡行性能 Gradient	30° / 25°
铲刀容量 Dozing capacity (m³)	18.5
最大切土深度 Max. digging depth (mm)	674
(含松土器 Including ripper)	9450X4860X4360

发动机 Engine

型号 Engine model	重庆康明斯 Cummins QSK19-C755
额定转速 Rated revolution (rpm)	1800
额定功率 Rated power (KW)	563
最大扭矩 / 转速 Max. torque (N.m/rpm)	3019/1300
排量 Displacement (L)	19

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）	8		
Number of track rollers (each side)			
链轨节距 Pitch (mm)	260		
履带板宽度 (mm)	610		
Width of shoe (mm)			
速度档 Gear	一档 1st	二档 2nd	三档 3rd
前进 Forward km/h	0-3.9	0-6.9	0-12.2
后退 Backward km/h	0-4.8	0-8.5	0-15.1

工作装置液压系统 Implement hydraulic system

最高系统压力 Max. system pressure (Mpa)	18.8
系统流量 System output (L/min)	419

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、液压压紧的非常结合离合器。
Steering clutch	The steering clutch is hydraulic pressed, non-constant engaged clutch.
转向制动器	制动离合器为免调式、湿式多片、碟簧压紧、液压分离的常结合离合器。
Steering brake	The braking clutch is hydraulic pressed by spring, separated hydraulic, constant meshed type.
最终传动	终传动为两级行星减速机构，飞溅润滑。
Final drive	The final drive is two-stage planetary reduction gear mechanism, splash lubrication.



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