

技术参数及工作图片：

## SD8B BULLDOZER



SD8B 推土机是驱动轮高置、液力机械传动、弹性悬挂、液压操纵的履带推土机。功率外流式液力机械变矩器，行星动力换挡、单杆操纵变速箱。差压溢流、集成化的工作装置液压系统。整机模块化设计是最突出的结构特点，操纵系统轻便、省力、准确，并采用了电子监控系统。可选配多种工作装置和附属装置，是多种大型土石方施工的理想机械。

SD8B bulldozer is track-type dozer with elevated sprocket, hydraulic direct drive, semi-rigid suspended and hydraulic controls. Equipped with power separating hydraulic-mechanic type Torque converter, planetary, power shift and one lever control transmission. SD8B bulldozer equipped with integrated hydraulic system, electric monitoring, SD8B bulldozer can be equipped with many optional equipment and attachment, it can be used in road building, hydro-electric construction, land clearance, port and mine development and other construction field.

## 推土机性能参数 Specifications

铲刀型式 Dozer	直倾铲 Tilt
使用质量(带松土器) Operation weight (including ripper) (Kg)	37400
接地比压(带松土器) Ground pressure(including ripper) (KPa)	93
履带中心距 Track gauge(mm)	2083
爬坡性能 Gradient	30°/25°
最小离地高度 Min. ground clearance (mm)	556
铲刀容量 Dozing capacity (m³)	11.24
铲刀宽度 Blade width (mm)	3940
最大切土深度 Max. digging depth (mm)	582
外形尺寸(长×宽×高)(带松土器)Overall dimensions (mm)	7751×3940×3549

## 发动机 Engine

型式 Type	康明斯 NT855-C360S10
额定转速 Rated revolution (rpm)	2100
飞轮功率 Flywheel power (KW/HP)	235/320
扭矩储备系数 Torque storage coefficient	20%

## 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)	8
链轨节距(mm)	216
Pitch (mm)	226
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)	0-3.5	0-6.2	0-10.8
后退 Backward (Km/h)	0-4.7	0-8.1	0-13.9

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

最高系统压力 Max. system pressure (MPa)	22.5
油泵型式 Pump type	高压齿轮泵 Gears oil pump
系统流量 System output (L/min)	220

## 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.