

SD8N 推土机

SD8N BULLDOZER



SD8N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。功率外分流式液力机械变矩器，行星动力换挡、单杆操纵变速箱。先导控制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。

SD8N bulldozer are 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. SD8N bulldozer equipped with Pilot hydraulic control system; Its new structure of modular assembling and disassembling; with handy, accurate operating system, electric monitoring, SD8N 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 | 行走系统 Undercarriage system | | | | |
| 使用质量 Operation weight (kg) | 37300 | 型式 | 履带呈三角形布置，驱动链轮高置，弹性悬挂。 | | | |
| （包括松土器 including ripper） | | Type | The track is triangle shape. | | | |
| 接地比压 Ground pressure (kpa) | 94 | | The sprocket is elevated elastic suspended. | | | |
| 履带中心距 Track gauge (mm) | 2083 | 支重轮数量（单侧） | 8 | | | |
| 爬坡性能 Gradient | 30° / 25° | Number of track rollers (each side) | | | | |
| 最小离地高度 Min. Ground clearance (mm) | 556 | 链轨节距（mm） | 216 | | | |
| 铲刀容量 Dozing capacity (m³) | 11.24 | Pitch (mm) | | | | |
| 铲刀宽度 Blade width (mm) | 3940 | 履带板宽度（mm） | 560 | | | |
| 最大切土深度 Max. digging depth (mm) | 582 | Width of shoe (mm) | | | | |
| 外形尺寸（长X宽X高）Overall dimensions (mm) | | 速度档 Gear | 一档 1st | 二档 2nd | 三档 3rd | |
| （包括松土器 including ripper） | 7930X3940X3549 | 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 | |
| 发动机 Engine | | 工作装置液压系统 Implement hydraulic system | | | | |
| 型式 Type | 康明斯 NTA855-C360S10 | 最高系统压力 Max. system pressure (MPa) | 20 | | | |
| 额定转速 Rated revelation (rpm) | 2100 | 油泵型式 Pump type | 高压齿轮泵 Gears oil pump | | | |
| 额定功率 Rated power (KW) | 257 | 系统流量 System output (L/min) | 220 | | | |
| 扭矩储备系数 Torque storage coefficient | ≥20% | | | | | |
| 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、液液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 pressed by spring, separated hydraulic, constant 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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