

# Track-Type Bulldozer with Elevated Sprocket

The SD8N bulldozer is a track-type dozer with elevated sprocket, hydraulic direct drive and hydraulic controls. It is equipped with a power separating hydraulic-mechanic type torque converter and a planetary power shift transmission.

SD8N 推土机																			
<p>SD8N 推土机是专为恶劣工况设计的重型履带式推土机。它采用提升式链轮设计，配备康明斯发动机、模块化液力机械传动系统以及先进的液压控制系统。该机型广泛应用于道路建设、采矿和土地清理等 demanding 场景，具有卓越的操作性能和耐用性。</p>																			
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## ADDITIONAL IMAGES



## Overview

### High-Performance Track-Type Bulldozer

The SD8N is a versatile, heavy-duty earthmoving machine engineered with an elevated sprocket design and semi-rigid suspension for superior performance. It utilizes a powerful Cummins engine paired with a modular hydraulic-mechanical transmission system for precise control and efficiency. Designed for demanding applications such as road construction, mining, and land clearance, this bulldozer offers excellent maneuverability and high-capacity operational output.

## Performance Metrics

### Key Performance Metrics

**257 kW**  
Rated Power

**37300 kg**  
Operation Weight

**11.24 m³**  
Dozing Capacity

**3940 mm**  
Blade Width

## Technical Specifications

### Engine Details

- Engine Model: Cummins NTA855-C360S10
- Rated Speed: 2100 rpm
- Torque Storage Coefficient: e20%

### Transmission and Drive

Gear	Forward Speed (km/h)	Backward Speed (km/h)
1st	0-3.5	0-4.7
2nd	0-6.2	0-8.1
3rd	0-10.8	0-13.9

### Undercarriage Configuration

- Track Rollers: 8 per side
- Track Pitch: 216 mm
- Shoe Width: 560 mm
- Ground Pressure: 94 kpa

### Hydraulic System

- Max System Pressure: 20 MPa
- System Output: 220 L/min
- Pump Type: Gears Oil Pump

## Features

### Key Features

Elevated Sprocket, Modular Design, Electric Monitoring, Power Shift Transmission, Pilot Hydraulic Control