

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.

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