

Bulldozer Engine

This bulldozer engine has a 14010ml displacement and a rated power of 162kW at 1800r/min. It is suitable for bulldozers with a working weight of 23400kg and a bucket capacity of 6.4m³.



Overview

SD22 Heavy-Duty Bulldozer

The SD22 is a robust bulldozer engineered for demanding earthmoving and construction applications. Powered by a high-performance Cummins engine, it delivers 220HP for efficient operation in various environments. With a versatile hydraulic system and multiple blade configurations, this machine offers exceptional control and productivity for site preparation and heavy lifting tasks.

Engine Performance

Rated Power

162 kW

Rated Power

220 HP

Rated Power

Engine Specifications

Parameter	Value
Model	Cummins NT855-C280S10
Displacement	14010 ml
Rated Speed	1800 r/min
Max Torque	1030 N.m / 1250 rpm
Min Fuel Consumption	205 g/KW.h

Dimensions & Capacity

Machine Dimensions

- Standard: 5459 x 3725 x 3361 mm
- With Ripper: 6805 x 3725 x 3361 mm

Working Weight: 23400 kg

Bucket Capacity: 6.4 m³

Hydraulic System

Max Working Pressure: 14 MPa

Pump Flow Rate: 262 L/min

Blade Configuration

Blade Performance

Metric	Value
Ground Clearance	405 mm
Max Cutting Depth	540 mm

Blade Types Straight Tilting, Angle Blade, U-shaped

Undercarriage

Roller Configuration

- 2 Carrier rollers per side
- 6 Track rollers per side

Travel System Eight-character beam oscillating structure

Transmission

Transmission System

- Single-stage single-phase three-element torque converter
- Planetary gear transmission
- Wet multi-disc steering clutches