

20-Metric Ton Underground Wheel Loader

This underground wheel loader has a 20-metric ton payload capacity for efficient material handling. Its diesel engine and articulated steering provide optimal performance in confined underground mining environments.



ADDITIONAL IMAGES



Product Overview

High-Capacity Underground Loading

The WJ-8 is a high-performance diesel-powered underground wheel loader engineered for efficient material handling in tunnel environments of 4m x 4m or larger. With a 20-metric ton payload capacity and an 8m³ bucket, it provides the robust power required for demanding mining operations. The unit features world-class power transmission and hydraulic components, ensuring high reliability, precise control, and long-term durability in harsh, confined underground conditions.

Key Performance Metrics

Performance Metrics

20 ton

Loading Capacity

8 m³

Bucket Volume

2900 mm

Max Dumping Height

20 km/h

Max Travel Speed

Technical Specifications

Engine & Drive

Component	Specification
Engine Model	VOLVO PENTA TAD1353VE
Rated Power	345 kW / 1900 rpm
Transmission	DANA 8000
Converter	DANA 9000
Drive Axle	KESSLER D111

Machine Dimensions

- Length: 12,500 mm
- Width: 3,260 mm (±250mm)
- Height: 2,950 mm (±250mm)
- Inner Turning Radius: 3,800 mm
- Outer Turning Radius: 7,900 mm

Available Upgrades

Sealed Cabin (AC/Heater) • Auto Lubrication • Fire Suppression • Remote Control • Travel Aid System

Certifications & Compliance

Standards & Certifications	CE, QS9001, CA
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