

# 18-Ton Underground Wheel Loader

This underground wheel loader has an 18-metric-ton payload capacity for heavy-duty material handling. It features articulated steering for optimal maneuverability in confined spaces.



## ADDITIONAL IMAGES



## Overview

### High-Capacity Underground Loader

The WJ-7 is an 18-metric-ton diesel-powered underground wheel loader engineered for high-efficiency material handling in demanding tunnel environments. Featuring a 7m<sup>3</sup> bucket capacity and advanced engine and hydraulic systems, this machine offers exceptional maneuverability and robust performance in spaces 4m x 4m or larger. Designed for reliability and productivity, it incorporates premium components to ensure minimal downtime and high operational availability.

## Performance Metrics

### Key Performance Metrics

**18 Metric Ton**  
Loading Capacity

**7 m<sup>3</sup>**  
Bucket Volume

**350 kN**  
Max Shovel Force

## Technical Specifications

### Powertrain

Component	Details
Engine Model	VOLVO PENTA TAD1352VE
Rated Power	315 kW @ 1900 rpm
Transmission	Dana Spicer TE32 Electric
Drive Axle	KESSLER D111

### Dimensions

- Length: 11,060 mm
- Width: 3,000 mm
- Height: 2,745 mm
- Dumping Height: 2,445 mm

## Compliance & Features

### Optional Upgrades

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

### Certifications

CE, QS9001, CA