

Crawler Mucking Loader for Underground Mining

The mucking loader is designed for loading rock in underground tunnels and mining operations. It offers high efficiency and is built for demanding environments.



Overview

High-Performance Crawler Mucking Loaders

These crawler mucking loaders are engineered for demanding underground mining and tunneling operations. Designed for efficiency in confined spaces, they feature robust crawler systems for superior stability and maneuverability on slopes up to 32 degrees. With high loading capacities and powerful hydraulic systems, these machines provide reliable excavation and material transport performance in challenging mining environments.

Performance Metrics

Key Performance Indicators

220 m³/h

Max Loading Capacity (LWLX-220)

180 m³/h

Max Loading Capacity (LWLX-180)

32 Mpa

Max Working Pressure

32 °

Max Adaptive Slope

Technical Specifications

Model Comparison

Specification	LWLX-220/79L	LWLX-180/79L
Weight	23800 kg	21500 kg
General Power	79/90 kw	79 kw
Traveling Speed	0.6 m/s	0.54 m/s
Min. Turning Radius	9 m	8 m

Hydraulic System

Hydraulic System Details

- Plunger pump × 2 + gear pump × 2
- Radial plunger motor (Traveling) × 2
- Radial plunger motor (Conveyor) × 2
- Hydraulic Steering

Operating Dimensions

Adaptive Tunnel Size	e4x4m (LWLX-220), e3.8x3.8 m (LWLX-180)
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