

Underground Coal Mining Shearer

This underground coal mining shearer is designed for coal seams between 0.8-2.0 meters. It is compatible with small scraper conveyors, offering a simple design and low investment.



Product Overview

High-Efficiency Underground Coal Shearer

The MG100-LW is an advanced electrical haulage coal shearer featuring a multi-motor transverse arrangement for optimal performance. Engineered with a rigid, integrated cast body, this machine is specifically designed for underground mining in seams ranging from 0.8m to 2.0m. It offers high production capacity and precision cutting capabilities, ensuring reliable operation in medium-stable roof and floor conditions.

Performance Metrics

Operational Performance

200 t/h

Production Capacity

100 kW

Total Power

180 kN

Haulage Force

Mining Capabilities

Seam & Cutting Specifications

Parameter	Value
Mining Height Range	0.8 - 2.0 m
Drum Diameter	0.8 m
Web Depth	0.75 / 0.85 / 1.0 m
Inclination Capacity	d 35°

Technical Details

Physical Dimensions

- Body Height: 550 mm
- Ranging Arm Length: 1569 mm
- Distance Between Ranging Arm Pivots: 3045 mm
- Total Weight: 7 t

Electrical & Controls

Electrical Systems

Voltage: 440V, Electric Chainless Haulage, Frequency Conversion Speed Control

Operational Safety & Support

Dust Suppression

Internal Spraying • External Spraying

Matched Conveyors

- SGB388
- SGB420
- SGB620