

# 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