

# Bolter Miner MB700 series in Action

High-Capacity Production Machine





Operating this machine can be fun



From vision to reality

#### Unique features of the MB750

- Simultaneous cutting and bolting operation with on board roof-bolters.
- High cutting capacity with 315 kW motors.
- Cutting-loading-conveying is one independent unit, placed on a longitudinal slide in order to achieve best loading efficiency of up to 25 tons/min.
- Integrated high-pressure-water dust suppression system and on board scrubber.
- Fully supported roof for safety of operators due to support canopy behind the cutter drum.
- Integrated radio-remote and control system.



Bolter Miner MB750

## Sandvik Bolter Miner MB700 series

The Sandvik Bolter Miner MB700 series is designed for rapid entry roadway development and coal production in board and pillar operation. This new design enables a simultaneous cutting and bolting operation.

Optimum comfort for operators is provided due to a fully shielded cutting area. The emphasis is on integration of well proven technology into one machine which gives maximum advance rates. High performance and safety due to simultaneous cutting and bolting.

Record coal production of 164.000 tonnes per month with an Sandvik Bolter Miner MB730.

The machine is available in three basic height models, with various cutting widths to suit the customers' requirements.

MB730: operating height 2.80 - 3.90 m (9.18 – 12.79 ft)

MB750: operating height 3.80 - 4.50 m (12.46 – 14.76 ft)

MB770: operating height 4.00 – 5.50 m (13.12 – 18.04 ft)

#### Technical data MB750\*

##### General:

Total weight approx.	115 t
Overall length	11.915 m
Total installed power at 1000 V, 50 Hz	644 kW

##### Cutting Profile:

Working height	3.8 up to 4.5 m
Working width	6.6/7.2 m
Installed cutting drum power	315 kW
Sumping aid (longitudinal slide)	1000 mm

##### Bolting system:

No. Roof bolting rigs	2
Loading system:	2 x spinners
Loading capacity	25 to/min
Loading width	5.25–6.6/5.9–7.2 m
Installed power (electric)	2 x 36 kW

##### Conveyor system:

Chain speed	2.2 m/s
Conveyor capacity	25 to/min
Installed power	2 x 36 kW

##### Tramming:

Tramming speed	3.5 / 7 / 12 m/min
Ground pressure	22 N/cm <sup>3</sup>

##### Electric system:

Radio Remote Control	1000V / 50 Hz
----------------------	---------------

##### Dust suppression:

Dust collection and scrubber	integrated
------------------------------	------------

\* All rights for technical modification are reserved

