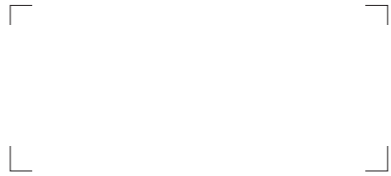


Sandvik Bolter Miner MB700 series in Action

High-Capacity Production Machine



B4-299ENG MB700 Series / Copyright © Sandvik Mining and Construction G.m.b.H., Dec. 2009





Operating this machine can be fun

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 SANS approved*

General:			Bolting:		
Total length, approx.	(m)	12.36	Distance roof support to face	(m)	3.0
Total width for transport, approx.	(m)	3.1	No. of ribbolters		0
Total width in operation	(m, min.)	5.9	No. of roofbolters		2
Total height in operation	(m, min.)	2.85	Spacing of bolters	(mm)	3.680
Total weight, approx.	(tonnes)	120			
Cutting Profile:			Loading and conveying capacity	(t / min)	25
Working height	(m)	3.8 up to 4.5	Tram speed, variable	(m / min)	7 to 12
Working width	(m)	5.9 to 6.6	Dust collection on board		scrubber 45kW
Drum diameter	(mm)	1200	Total installed power	(kW)	636.75
Sump distance	(m)	1.0			
Cutter motor power	(kW)	315			

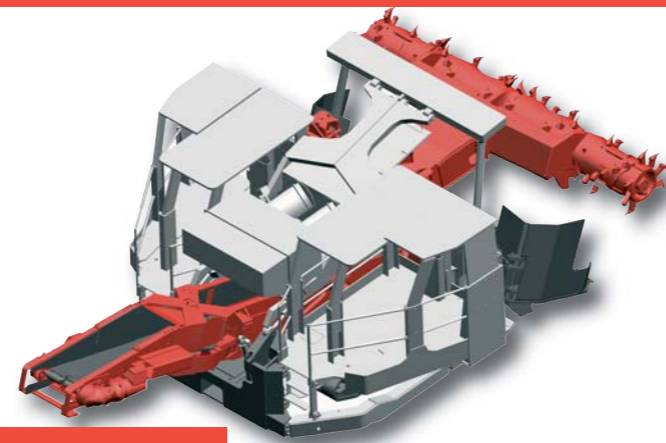
All dimensions and weights are approximate
Please see technical specification for details
* All rights for technical modification are reserved



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.



Sandvik Bolter Miner MB750

