

BRH 130
TECHNICAL DATA

Dimensions and Ranges of Action of the Device

Overall length	11,600 mm
Overall height	2,000 mm
Total weight	55 t
Height above conveyor	1,750 mm
Loading table width**	3,700-4,500 mm
Chassis width	600 mm
Diameter of the cutting roller	750 mm
Conveyor speed	0.6 m/s
Feed from stationary position	400 mm
Lowering of the front shovel	200 mm
Lifting of the front shovel	200 mm
Tank volume	600 L

Cutting profile

Cutting height	4,200 mm
Cutting width	4,500 mm
Undercut	200 mm
Cutting speed	3.2 m/s

Crawler chassis

Crawler traction force	260 kN
Width of the crawler tracks	600 mm
Ground pressure under the tracks	20/11 N/cm ²
Driving speed	0.6 km/h
Climbing ability (Loading still guaranteed)	18 gon

Field of Application of the Machine

Minimum width of the gallery	2,900 mm
Minimum height of the gallery	2,500 mm
Smallest curve radius	6,000 mm
Minimum radius of navigable troughs	28,000 mm
Minimum radius of navigable saddles	28,000 mm

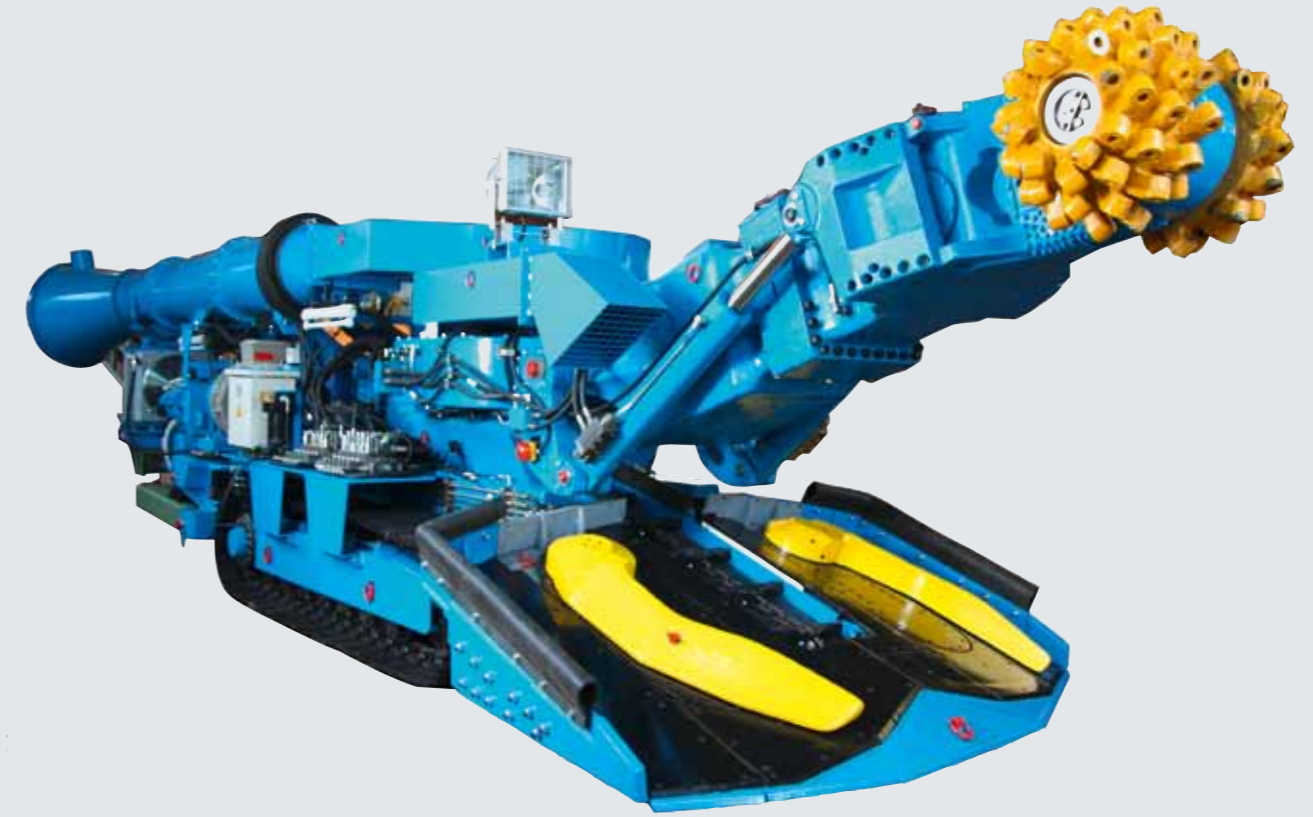
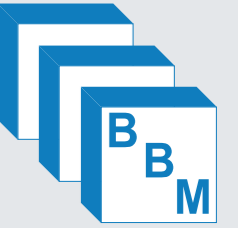
Electrical System

Total installed power	290 kW
Cutting head drive	160 kW
Standard operating voltage**	1,000 V/50 Hz

*Subject to change without notice

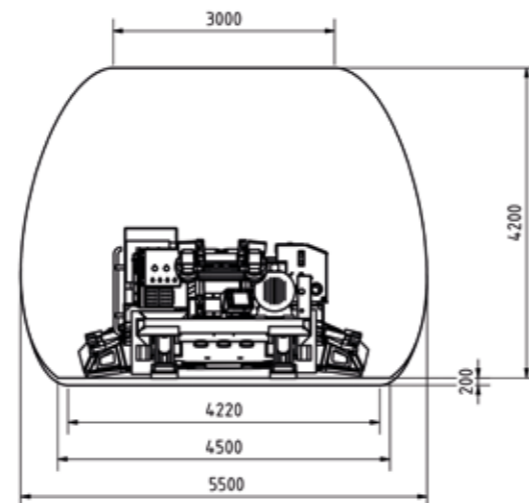
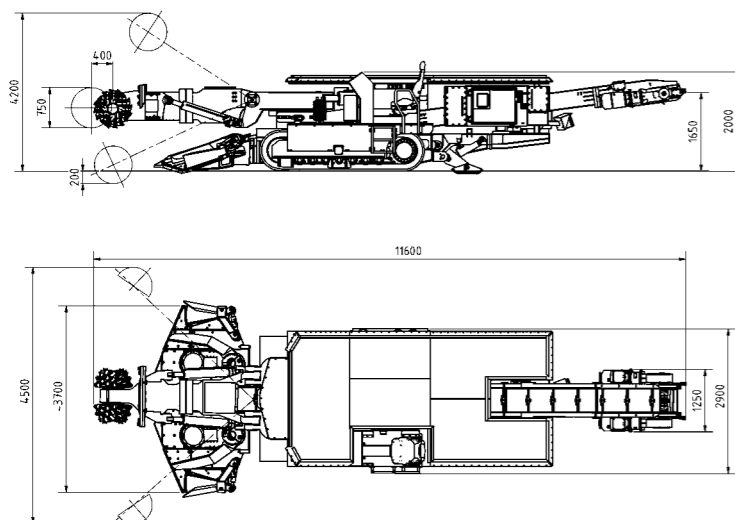
**Variable version

QUALITY LEADS TO QUANTITY



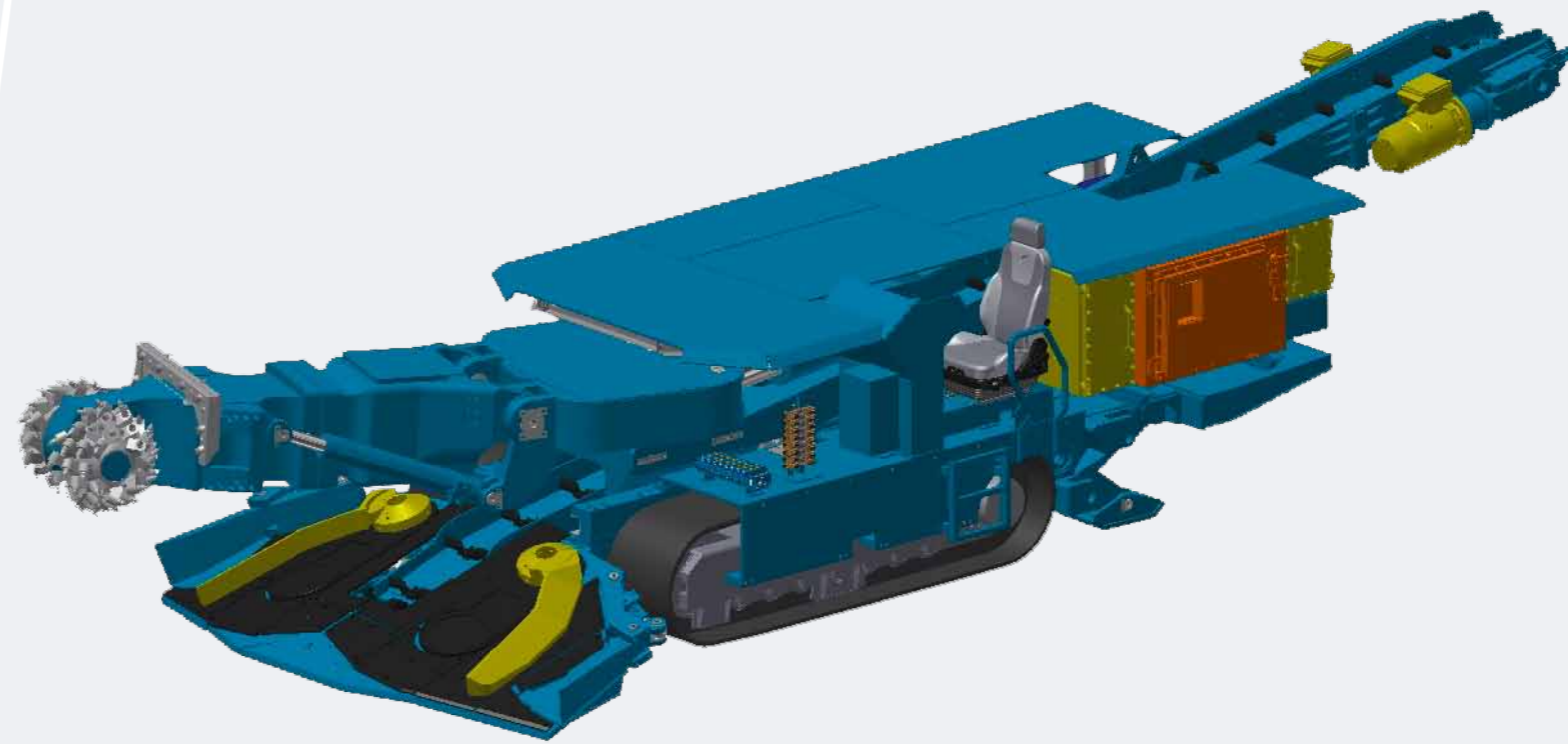
**ROADHEADER
BRH 130**

QUALITY AND PRECISION BASED ON EXPERIENCE



BBM Maschinenfabrik Meran GmbH
A COMPANY OF THE BBM GROUP





MINING AND BORING MACHINE BRH 130

- 160 kW cutting drive
- Highly resilient robust spur gear unit for extreme loads
- Cuts minerals and rock up to a compressive strength of 100 MPa in continuous operation
- High level of stability through clamp support
- Intrusion cutting from a stationary position through cutting arm feed motion

ADDITIONAL EQUIPMENT BRH 130

- Anchor boring rig
- Cooling system for high ambient temperatures
- Swivel belt conveyor
- Lining placement machine
- Working platform on the cutting arm
- Radio remote control/cable remote control
- Cutting arm spraying air-water
- Loading table widening, variable
- Machine cover with integrated dust removal channels
- Cutting arm spraying air-water
- Design in accordance with ATEX



The profile control system for selective cut heading machines is an automated auxiliary system which, amongst other things, contributes towards reducing costs, improving the accuracy of the breakout section and saving time. These objectives are achieved through the use of an extremely sturdy computer in the field of vision of the machine operator, on which – irrespective of the actual visibility – the movements of the cutting head can be read off. The following are displayed:

- The exact position and alignment of the selective cut heading machine
- The view of the desired tunnel in the cross-sectional view
- The exact position of the cutting head relative to the tunnel profile

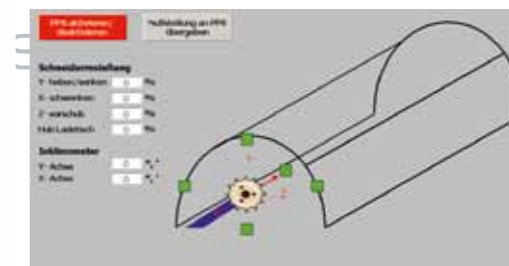


BBM SELECTIVE CUT HEADING MACHINE BRH 130

The BBM selective cut heading machine BRH 130 is a very compact, robust selective cut heading machine of the 55 T category. The BRH 130 is equipped with a robust, low-wear loading system with scraper flights.

The longitudinal cutting heads are driven by a well-ried bevel spur gear. The conveyor can be equipped either with a central conveyor chain or a double conveyor chain. Due to its design, the machine is versatile and can be used in various fields of application in tunnel construction and mining.

QUALITY LEADS TO QUANTITY



RANGE OF SERVICES

- Roadheader
- First Tiller
- Milling Loader
- Excavator Cutting Heads
- Armoured conveyors
- Grabbers
- Special machines
- Maintenance and repair

MACHINES

- Roadheader BRH 300/400
- Roadheader BRH 130
- Roadheader BRH 178/300
- Milling Loader BML 50
- Milling Loader BML H
- Milling Loader BML B 110
- Milling Loader BML N 110
- First Tiller BFT 110
- Excavator
- Cutting Heads BRQ 110

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