

Alpine Miner AM 75

Over 100 units of ALPINE MINER AM 75 were delivered.

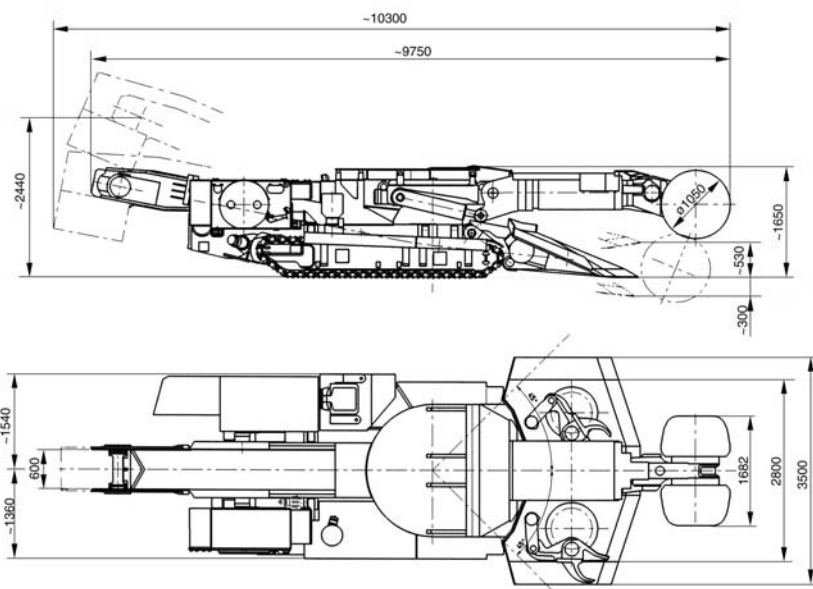
Thus the AM 75 is the most popular roadheader in its class. Due to extremely high technical available and cutting performance a maximum efficiency and profitability is guaranteed. Production records are achieved worldwide in various materials (coal, rock, gypsum, potash and salt) and also in roadway development with the ALPINE MINER AM 75. Due to this know-how we also can submit these advantages to your project for your benefit.



Technical data AM 75*

	AM 75-Development	AM 75-Production
Main dimensions		
Total weight	50 t	54 t
Total length	10300 mm	12400 mm
Height over canopy	1650/1850 mm	1930/2600 mm
Width over loading table	2.8-5.62 m	5.70 m
Width over crawler tracks	2600 mm	2600 mm
Width of crawler tracks	600 mm	600 mm
Ground pressure	0.13 MPa	0.14 MPa
Electrical system		
Potential	1000 V / 50 Hz	1000 V / 50 Hz
Total installed electric motor power	287/342 kW	342 kW
Cutter motor	200 kW	200 kW
Hydraulic power pack motor	63 kW	63 kW
Loader motors	2 x 36 kW	2 x 36 kW
Power demand		
via transformer	630 kVA	630 kVA
via generator set	800 kVA	800 kVA
Conveying system		
Loader star drive via conveyor motors		
Chain speed	1.1 m / s	1.8 m / s
Width of conveyor	600 mm	600 mm
Capacity of conveyor	max 400 m ³ / h	max 400 m ³ / h
Cutting profile		
Area	30.5 m ²	35.4 m ²
Height	4.54 m	5.0 m
Width	7.40 m	7.6 m
Undercut	0.35 m	0.28 m
Negotiable gradients		
Without machine support	+/- 20 gon	+/- 20 gon
With machine support	+/- 35 gon	+/- 35 gon
Speed of cutter head	3.0/3.5 m / s	3.4/4.0 m / s
Tramming speed	0-8.8 m / min	0-8.8 m / min

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The main advantages at a glance

- Fully proved in various materials with an unconfined compressive strength of up to 100 MPa.
- Maximum dust suppression and ignition prevention due to High Pressure Pick Flushing System
- Easy and rapid assembly and disassembly through modular design
- Proportional-Load sensing-Hydraulic system for optimal energy utilisation
- VOEST-ALPINE Bergtechnik has service and application engineers for after sales service and consultation available worldwide.