

# Mobile Miner

The next step in the evolution of underground  
mechanical rock excavation is here



# The power of a complete fleet in one machine

The Mobile Miner family consists of powerful mechanical rock excavation machines, fully customizable to your specific needs. They utilize a well-known technique, packaged in a small and flexible machine. The continuous mining technology used by Mobile Miner makes your project more productive, more predictable and easier to schedule compared to the drill and blast method.

We are now introducing steel disc cutter technology to the mining industry, a technology used and proven in civil construction industry for a long time. These discs are well suited for hard rock excavation and will not wear down as quickly as soft rock picks. The continuous mining method means that your project can

keep a steady pace without interruptions and maintain the productivity at a fixed and stable level. This facilitates planning and scheduling. Additionally, safety is increased a great deal with cleaner air and a much lower risk for falling rocks - a safer work environment for everyone.

## Main benefits

**A complete fleet in one machine**, fully customizable with lots of automation features

**Continuous mining** makes planning and scheduling of a mining project more predictable than drill and blast method

**Safer and cleaner work environment** due to no explosions and less need for ventilation



Vertical or horizontal cutter head depending on your mine layout



Durable steel disc cutters



Safe work environment



No drill and blast, less dilution

Mobile Miner is adapted to your specification  
for maximum productivity and efficiency

All Mobile Miner products have automation features  
which increases productivity in your mine operation



# Mobile Miner 22H

## Safer work environment with mechanical rock excavation

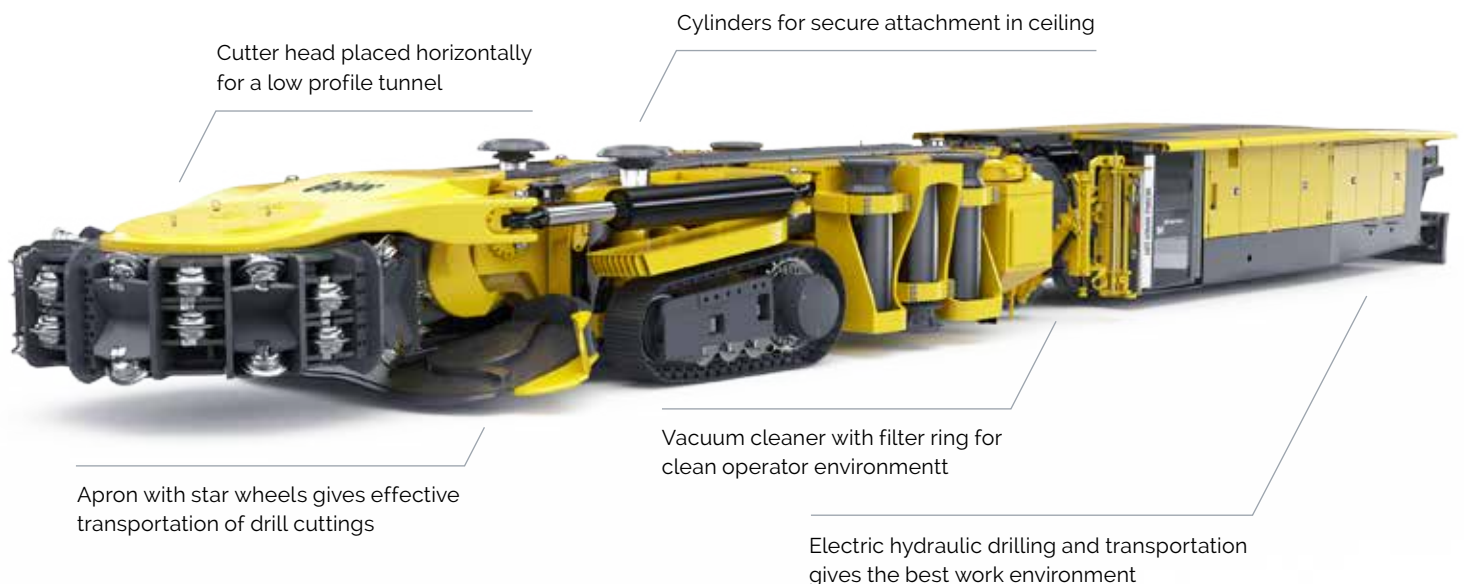
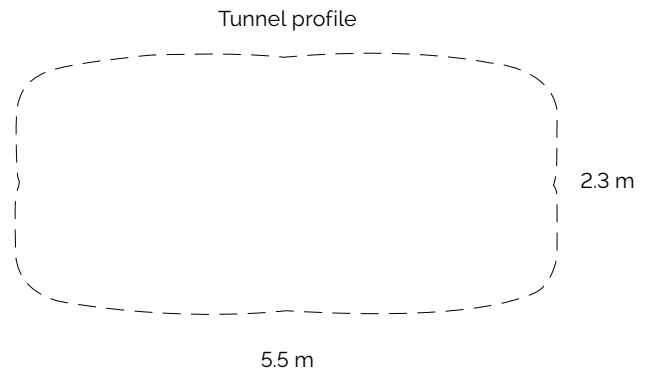
**Mechanical rock excavation increases safety** and significantly reduces the risk of falling rocks compared to drill and blast method

**Mobile Miner enables mining in new areas**, like environments where blasting entails risk for seismic activities

**Selective mining results in less dilution** and makes it easier to follow the orebody

### Mobile Miner 22H technical specification

Drift	
Min. size (width x height)	5.0 m x 2.3 m
Max. size (width x height)	5.7 m x 3.0 m
Curve radius	30 m
Machine	
Cutter wheel	3.5m Ø horizontal
Length	20 m
Height	2.0 m
Width	4.0 m
Weight	200 mT
Power	800 kW, 1000 V



# Mobile Miner 40V

## Easier to plan and schedule

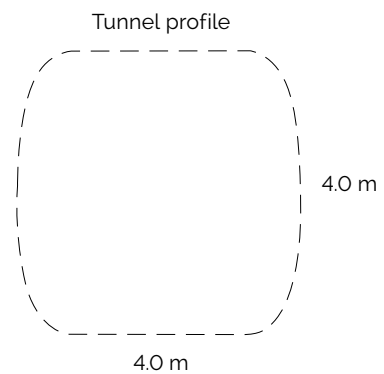
**Continuous mining saves time and money** as it will be easier to plan and schedule your projects

**Selective mining results in better tunnel quality** with no overbreak or underbreak

**Automation features increases productivity** and are available for all machines in the Mobile Miner family

### Mobile Miner 40V technical specification

Drift	
Min. size (width x height)	3.1 m x 3.6 m
Max. size (width x height)	4.5 m x 4.5 m
Curve radius	13 m
Machine	
Cutter wheel	3.5 m Ø vertical
Length	20 m
Height	3.5 m
Width	2.5 m
Weight	200 mT
Power	800 kW, 4160 V



# Mobile Miner 55V

## Fully customizable and highly effective

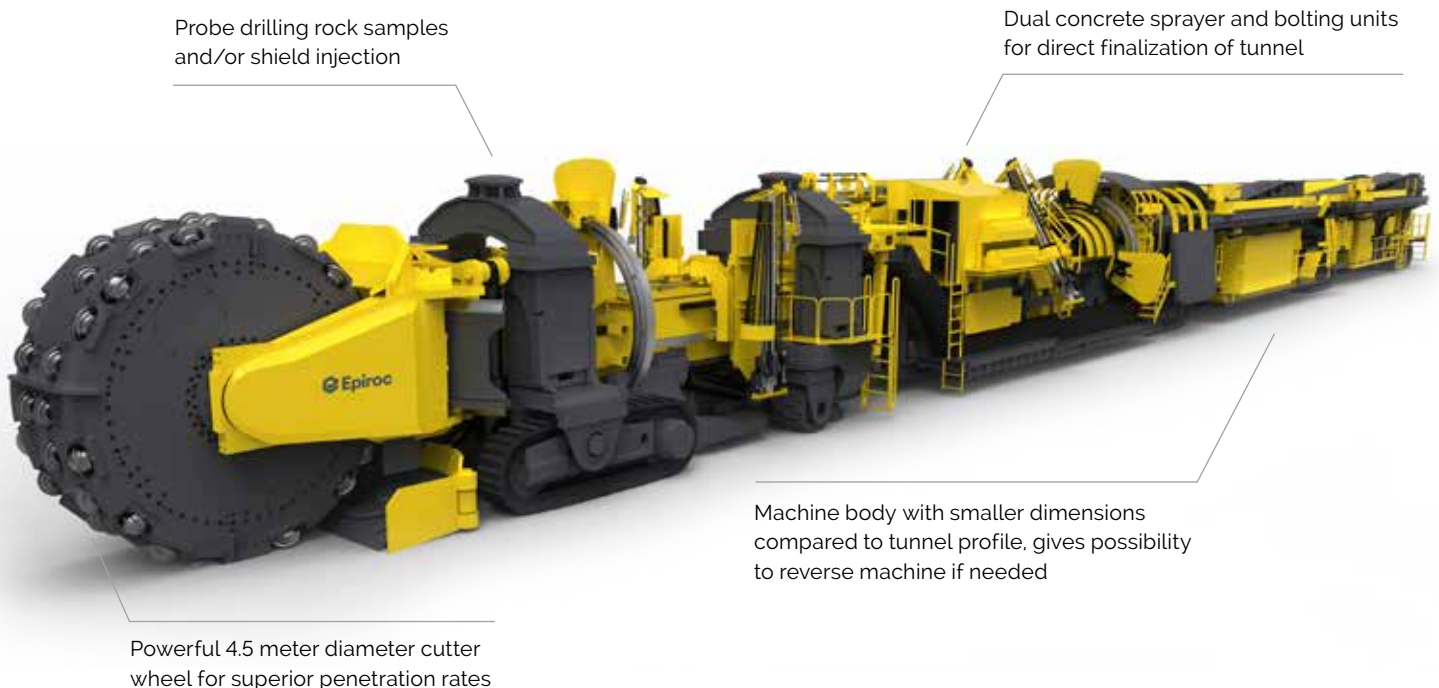
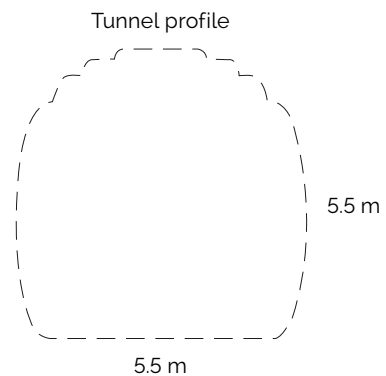
**Customization to your specific needs** maximizes efficiency of the mine operation

**No blasting in the mine** means improved work environment and less need for ventilation

**No primary crusher needed** since the rock is already in a good size

### Mobile Miner 55V technical specification

Drift	
Min. size (width x height)	5.5 m x 5.5 m
Max. size (width x height)	5.5 m x 5.5 m
Curve radius	70 m
Machine	
Cutter wheel	4.5 m Ø horizontal
Length	70 m
Height	4.9 m
Width	4.5 m
Weight	700 mT
Power	2000 kW, 13.8 kV





Drill cuttings from Mobile Miner 22H



Face of a production tunnel at the front of Mobile Miner 22H



## A comprehensive service offering

Even the best equipment needs to be serviced regularly to make sure it sustains peak performance. An Epiroc service solution offers peace of mind, maximizing availability and performance throughout the lifetime of your equipment. We focus on safety, productivity and reliability.

By combining genuine parts and an Epiroc service from our certified technicians, we safeguard your productivity – wherever you are.





9869 0007 01 - 2018-03 Orebro, Sweden. All rights reserved. All product names in this publication are trademarks of Epiroc. Any unauthorized use or copying of the contents or any part thereof is prohibited. Illustrations and photos may show equipment with optional accessories. Warranty is made regarding specifications or other wise. Specifications and equipment are subject to change without notice. Consult your Epiroc Customer Center for more information.

## United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.  
**[epiroc.com](http://epiroc.com)**

