

Mobile Miner 22H

Safer and more productive with
continuous mining and tunneling



Precise mechanical rock excavation

Mobile Miner 22H is tailored to work in low profile mine production where it takes out valuable ore with minimal dilution.

Thanks to its horizontally placed cutting wheel, this machine can vary the back height from 2,3 meter up to 3,0 meter and the cutting width from 5,0 to 5,7 meter. That makes this machine suitable for low profile production and infrastructure. It uses standard steel disc ring-rolling cutters to crack

and fracture the rock so it can be transported via a conveyor to the back of the machine. The Mobile Miner is a partial-face machine for hard rock applications with superior performance and safety.

⊕ Main benefits

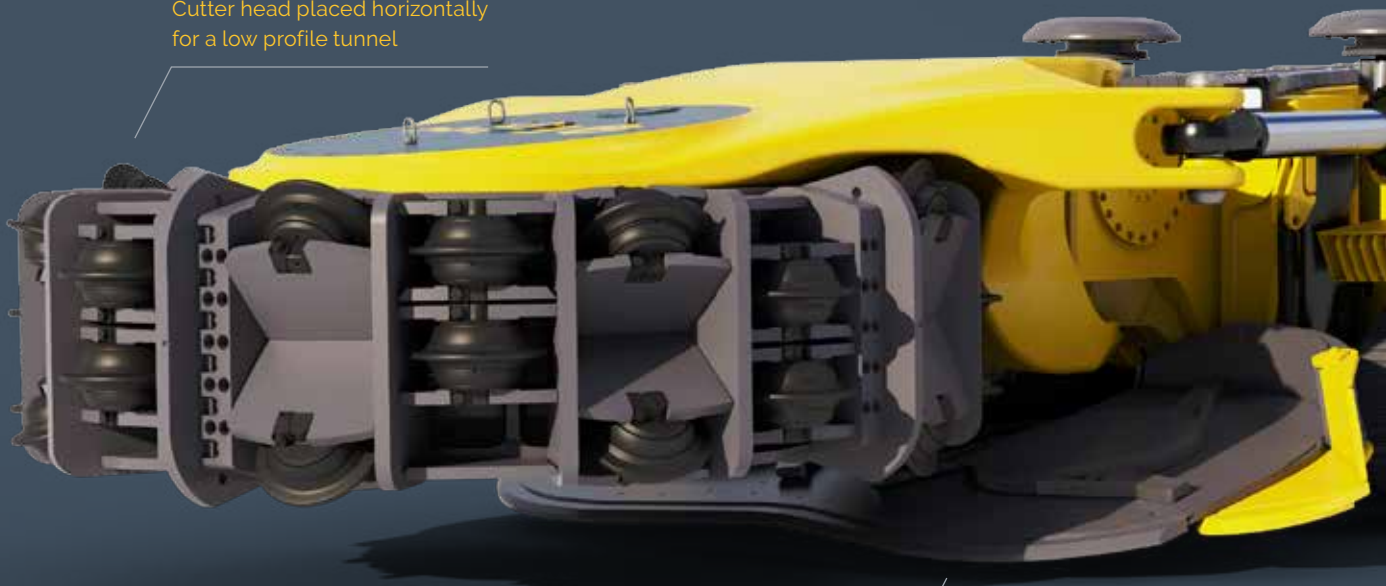
Increased safety with the mechanical rock excavation method which significantly reduces the risk of falling rocks compared to drill and blast method

Enables mining in new areas like environments where blasting entails risk for seismic activities

Less dilution and easier to follow the orebody thanks to selective mining technique



Cutter head placed horizontally for a low profile tunnel



Apron with star wheels gives effective transportation of drill cuttings



Durable steel disc cutters.



Safe work environment.



No drill and blast, less dilution.



Cylinders for secure attachment in ceiling



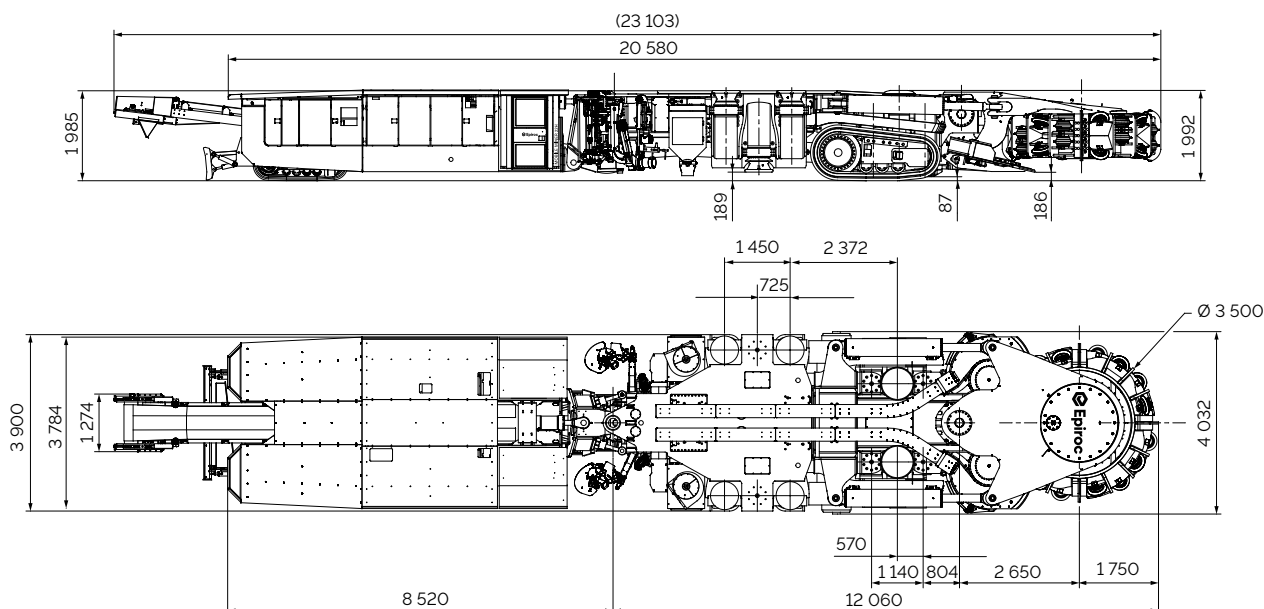
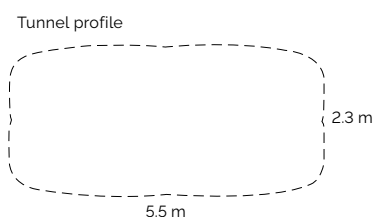
Vacuum cleaner with filter ring for clean operator environment

Electric hydraulic drilling and transportation gives the best work environment

Technical specifications

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
Incline 27% (1:3.7)	15.1°
Cutting radius	
Curve inner	25 m
Curve outer	30 m
Incline	100 m
Decline	100 m
Weight	200 mT
Cutter wheel	
Diameter	3.5 m
Width	1.1 m
Number of cutters	32 each
RPM	0-15
Stroke	700 mm
Thrust	1 800 kN
Hydraulic direct drive	

Carrier	
Weight	200 mT
Length	20 m
Width	4 m
Height	2 m
Power requirements	800 kW, 1 000-4 160 V
Tramming	1 km/h
Features	
Dust suppression	Integrated, fan with dust filter
Bolting	2 each mechanized units, COP 628, split set bolt
Operator cabin	Seat, camera monitoring and Rig Control System (RCS)



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