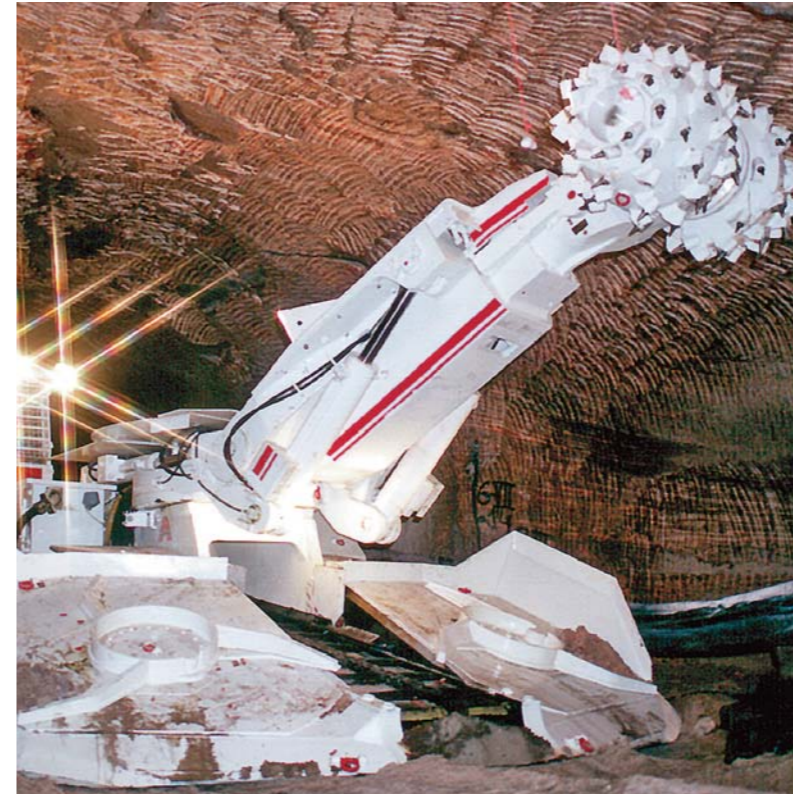
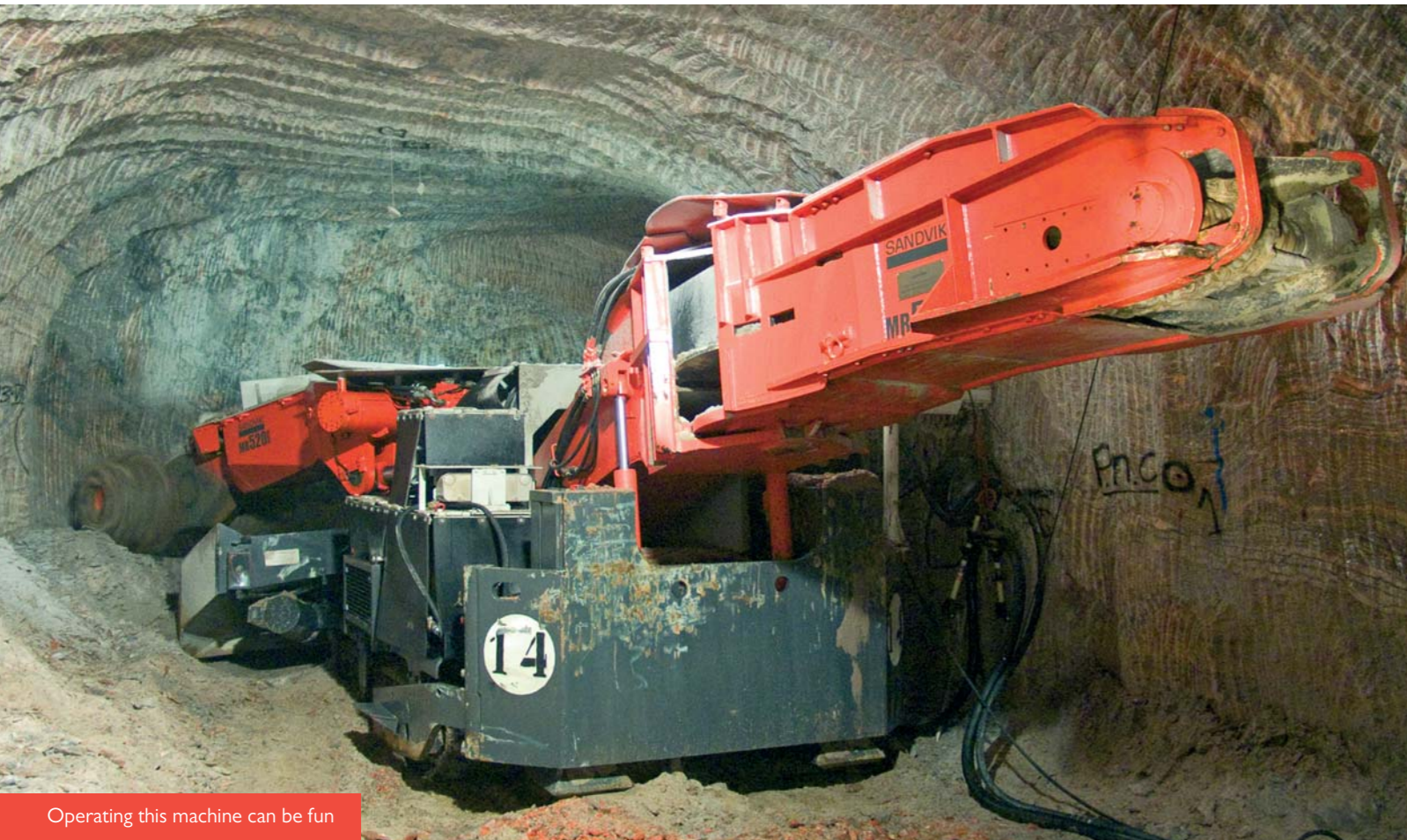


Roadheader MR520 in Action

Highly productive and reliable production machine





Operating this machine can be fun

Sandvik Roadheader MR520

The Sandvik Roadheader MR520 is a boom type production machine in the 100 t range and represents another addition to the successful Roadheader series. The new developed cutter head is designed as a spiral which ensures a high specific cutting rate and the capability to cut rock inclusions. The high performance loading device is equipped with loading spinners instead of loading arms thus gathering the material over the entire width of the loading table.

Technical data MR520*

General:			Negotiable gradients:		
Total weight approx	(t)	102	Navigable cone radius	(m)	25
Machine ground pressure	(MPa)	0.2	Navigable basin radius min.	(m)	12.5
Length approx.	(m)	14.25	Navigable slope side gradient max.	(° / gon)	±8 / ±9
Height over turret approx.	(mm)	3.440	Slope upgrade / incline**	(° / gon)	±18 / ±20
Height over conveyor approx.	(mm)	2.820	Tramming speed, forward and reverse	(m/min)	0 - 6 - 13
Loading table width variable	(m)	5.51	Electrical system:		
Ground clearance	(mm)	280	Electric supply voltage	(V/Hz)	1.000 / 50
Cutting Profile:			Cutter motor	(kW)	300
Cutting height above track level max.	(m)	5.20	Total installed power	(kW)	547
Cutting width max.	(m)	8.35	<small>All dimensions and weights are approximate Please see technical specification for details * All rights for technical modification are reserved ** without stabilizing</small>		
Undercut below floor level	(mm)	285			
Cutter head sprays		dry			
Cutting speed at 50 Hz	(m/sec)	3.4 / 4.2			



From vision to reality

Unique features of the MR520

- Rugged design.
- Easy and rapid assembly and disassembly through modular design.
- High specific cutting performance with corresponding loading and conveying capacity.
- Proportional-Load sensing Hydraulic system for optimal energy utilisation.



Roadheader MR520

