

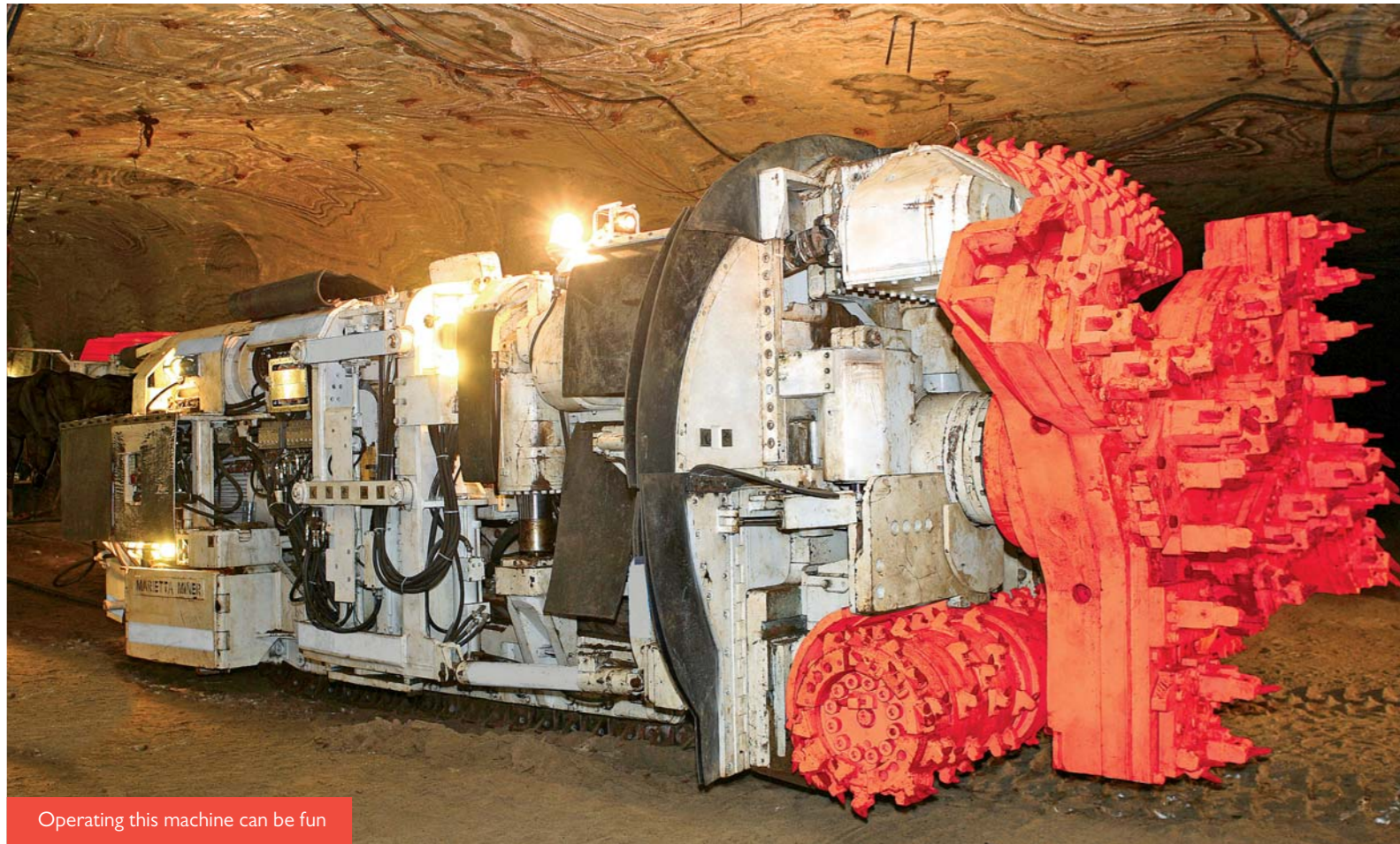
Borer Miner MF320 in Action

Designed for use in potash, trona, salt and coal



B4-303ENG MF320 / Copyright © Sandvik Mining and Construction G.m.b.H. Dec. 2009





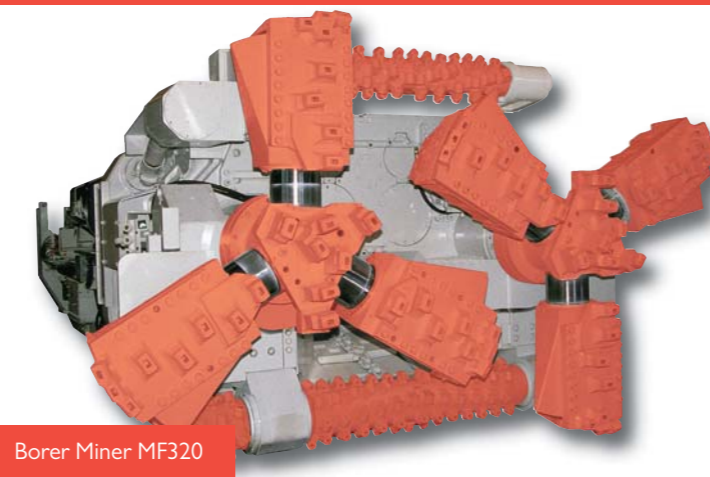
Operating this machine can be fun



From vision to reality

Unique features of the MF320

- Designed for use in potash, trona, salt and coal.
- Radio remote control available with optional condition monitoring of electrical, hydraulic and mechanical system.
- The worlds heaviest and most powerful continuous miner, for true continuous mining.
- Operates with an availability of over 95% with low maintenance costs.
- Extremely long lasting components for trouble free life. Gives exceptionally low cost of ownership.



Borer Miner MF320

Sandvik Borer Miner MF320

The Sandvik Borer Miner MF320 is a crawler mounted boring type full-face continuous miner, which is designed and manufactured by Sandvik Mining and Construction..

The Sandvik Borer Miner MF320 is a variable height machine that cuts and delivers material to the rear of the machine in one continuous operation. All cutting, machine positioning and tramming controls are mounted on the right side of the machine. The miner is used to drive entries and headings, mine rooms and extract pillars as fast as the haulage equipment can remove the material to the main haulage.

Technical data MF320*

Main dimensions				Hydraulic unit					
Mining height	(mm)	3250	(ft)	10.66	Pump motor	(kW)	240	(HP)	322
Mining width	(mm)	5310	(ft)	17.42	Pump motor speed	(rpm)	1500	(rpm)	1500
Machine length	(mm)	12500	(ft)	41	Traction unit				
Ground clearance min.	(mm)	203	(ft)	0.66	Tram motor	(kW)		(HP)	
Machine weight	(t)	145	(tons)	159.8	Tram speed	(m/min)	0 - 9	(fpm)	0-9
Ground pressure	(MPa)	0.29	(PSI)	41.85	Electrical system:				
Cutting unit				Total installed power	(kW)	986	(HP)	1322	
Rotor motor power	(kW)	373	(HP)	500	Cutting capacity	(t/min)	22	(tons/min)	24.25
Rotor motor speed	(rpm)	1450	(rpm)	1450	All dimensions and weights are approximate Please see technical specification for details * All rights for technical modification are reserved				
No. of rotor motors		2		2					
Rotor shaft speed	(rpm)	14.5	(rpm)	14.5					

