



HMF – Multi-functional Machine

Mining experience around the world

HAZEMAG & EPR GmbH can look back on more than 175 years of history and, with a workforce numbering around 450 worldwide, the company is operating successfully on all 5 continents. With HAZEMAG MINING, the company has a highly specialised supplier of mining products. HAZEMAG is a competent, reliable and customer-oriented partner of the global mining industry. Decades of experience in combination with continuous innovation are the basis of the HAZEMAG product range for the mining industry.

The entire HAZEMAG mining portfolio represents durability, high operational availability and efficiency. Quality is the basis of our sustainable success. Economic coal mining can only be ensured by modern and reliable machines backed by expert service – HAZEMAG provides its customers with this basis for success.

HAZEMAG is solution provider for surface and underground mining. Especially for coal, salt and narrow vein ore mining.

The HMF is a crawler-mounted and electro-hydraulically driven loader which, because of its different attachments, may be used for a wide range of applications.

In underground coal and ore mining the HMF is very successfully used for target-oriented working such as drift refurbishments, degasification borings, roof-bolting of drifts, preparation of stress relieving cuts and garlands in the floor as well as for back-work for roadway supports.

The attachments are coupled to the basic machine via a quick hitch. By means of hydraulic multi-couplings a system change is comfortable and time-saving.

The electric equipment is made in flameproof design according to the ATEX standards and may be (optionally) fitted with a PLC control, if required.

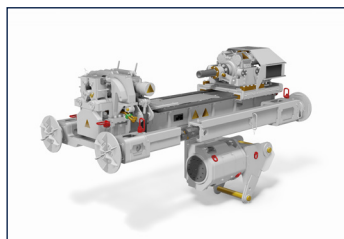
The various versions of the multi-functional machine HMF (300/600/800/1500) permit the combination with different attachments (see technical data).

Technical Data

	HMF 300	HMF 600	HMF 800	HMF 1500
Length of basic machine (incl. side-tipping bucket)	8,400 mm	6,500 mm	8,500 mm	9,000 mm
Width	1,145 mm	1,200 mm	1,250 mm	1,700 mm
Height	1,250 mm	1,350 mm	1,500 mm	1,600 mm
Weight of basic machine (depending on equipment version)	11 - 14 t	10 t	13 - 16 t	21 - 25 t
max. gradient/slope	18 degrees	18 degrees	18 degrees	18 degrees
Travelling speed	0.3 m/s	0.8 m/s	0.8 m/s	0.8 m/s
Stroke of telescopic arm	700 mm	500 mm	1,000 mm	1,000 mm
Electric motor	55 kW	45 kW	63 kW	90 kW
Cable drum	X	X	X	X
Attachments				
Side-tipping bucket	X	X	X	X
Demolition hammer	X	X	X	X
Slot cutter				X
Stress-relieving drilling machine	X	X		X
Rockbolter carriage	X	X	X	X
Working platform	X	X	X	X
Box-type bucket (active / passive)	X	X	X	X



Box-type bucket (active / passive)



Stress-relieving drilling machine / Rockbolter carriage



Demolition hammer



Side-tipping bucket



Working platform



Slot cutter