



# HAZEMAG Push Feeder | HPF

## Push Feeder HPF

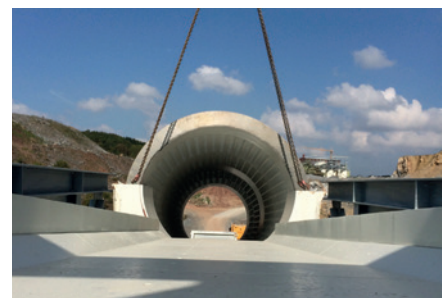
HAZEMAG Push Feeders HPF are the most robust discharge units for feed hoppers. They may be used horizontally or in an declined position. The discharge capacity is mainly determined by the width. Here the material size plays of course an important role. In addition stroke and stroke frequency are determining factors for the performance. The material transport is made discontinuously.

The HAZEMAG push feeder HPF mainly consists of a trough, an undercarriage on which rollers are mounted, as well as of a drive. The material transport is effected by means of the trough's forward and backward movement on the rollers. During the forward movement the material is carried along and falls / breaks away at the discharge point. As the material

is supported against the rear wall of the hopper, the functional capability is only guaranteed if in the hopper a certain layer height exists. The push feeder is a welded construction of section steel and steel plate. The bottom is covered with interchangeable wear plates. The rollers on the undercarriage are fitted with wheel flanges for guiding the carriage. The bearings have lifetime lubrication and thus are very low in maintenance. Each roller may be separately adjusted to the guide way, thus achieving an equal load distribution. The drive is effected hydraulically, whereat the movement is produced with a hydraulic cylinder which is mounted in a well-protected way beneath the trough. A hydraulic unit supplies the required energy to the cylinder. Stroke as well as stroke frequency may be adjusted electrically.

HAZEMAG Push Feeder HPF					
Type	Width x Length [mm]	Max. Feed size [mm]	Throughput rate* [t/h]	Installed capacity [kW]	Weight [kg]
HPF 1045	1,000 x 4,500	700	250	22	6,000
HPF 1365	1,300 x 6,500	1,000	550	55	9,000
HPF 1565	1,500 x 6,500	1,200	800	55	10,000
HPF 2070	2,000 x 7,000	1,500	1,200	75	14,000
HPF 2470	2,400 x 7,000	1,800	1,800	110	16,000

\*depends on stroke and stroke frequency – may be largely adapted to the respective requirements.



Comex

Käppern

EARTHTECHNICA

Taprogge



IMS Engineering (Pty) Ltd

10 Derrick Road, Spartan

Kempton Park, 1620, South Africa

Postal Address: P.O. Box 8003, Edleen, 1625

+27 11 571 6700

+27 11 970 3200

imse@imgroup.co.za

www.imsengineering.co.za

Member of

HAZEMAG