

Impactors AP-VMH



HAZEMAG



HAZEMAG Impactors – AP-VMH

Application

This series of impact crusher is used both as a secondary as well as a tertiary crusher for the processing of highly-abrasive hard materials: gravel, granite, basalt, gneiss, glass, fireclay, and also limestone and dolomite.

It can be used flexibly for the production of mechanical sand and coarse chippings.

Equipment

The four-bar rotor can handle feed material up to 150 mm. The symmetrical shape of the impactor means that the rotor can run in a clockwise or anti-clockwise direction for the optimum exploitation of the blow bar striking edges. The positions of both impact aprons and grinding path are adjusted and secured hydraulically at the touch of a button.

Generously-sized service doors provide full accessibility for quick and safe blow bar and housing wear liner changing.

Rotor

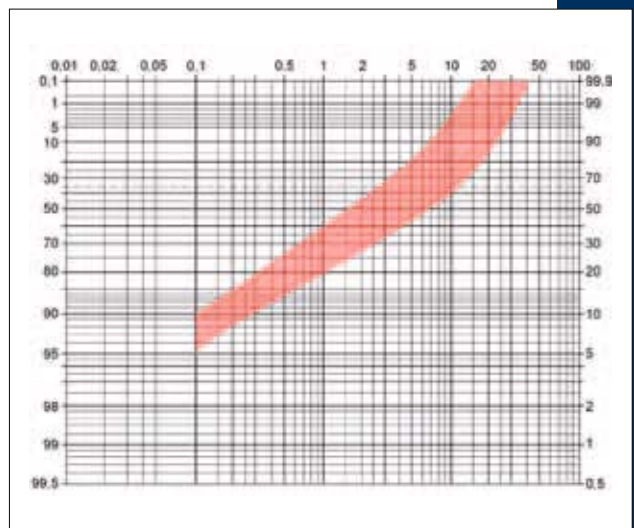
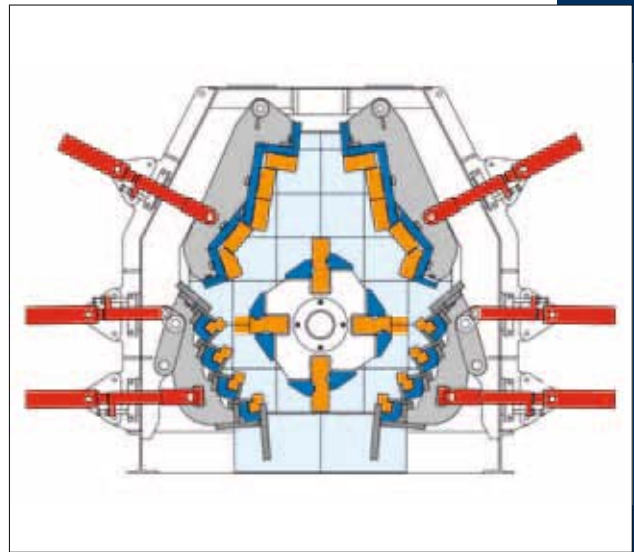
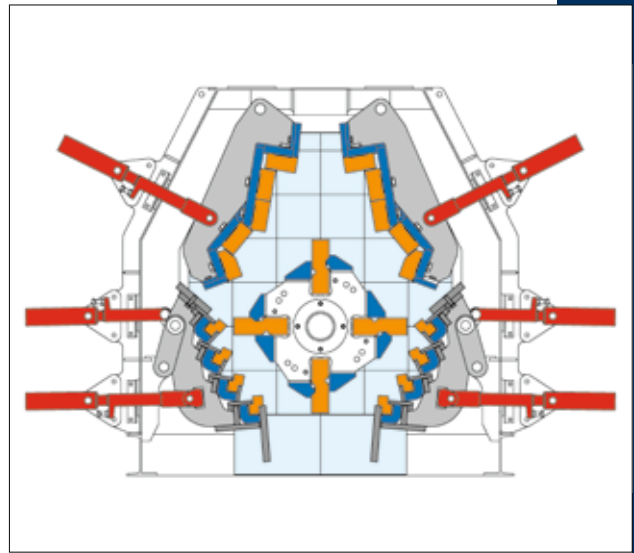
The four-bar rotor is used for the production of coarse chippings. Should a less coarse material be desired (mechanical sand), two opposing rows of blow bars are replaced by sets of dummy bars and the rotor run at a higher tip speed. This flexibility calls for the use of a frequency converter.

The rotor is the key component in the crushing process and has special protection in the form of hard facing.

Special HAZEMAG features

- + HAZEMAG machines have excellent accessibility to facilitate servicing and maintenance work and thus minimise down time. Moreover, the tools and personnel required for such tasks are reduced to a minimum.
- + The crusher housing is lined with handy and easily replaceable wear plates, of which some 97% are interchangeable, thus reducing storage space and costs.
- + All impact crushers are fitted with a key transfer system, which prevents unauthorised opening of the housing during operation and prevents motor start-up whilst work is being carried out on the open crusher.
- + The modern and generously-equipped fabricating facilities in the Dülmen works guarantee machines and products of the highest quality.
- + Installation, repair, modification and assembly work is carried out by highly-trained and experienced personnel, if necessary in shift work around the clock. Naturally, as part of the service, HAZEMAG offers contracts for after-sales inspection as well as for the acquisition of spare and wear parts.





Machine type	Throughput * [t/h]	max. feed size * [mm]	Inlet opening H x B [mm]	installed power * [kW]	Rotor dimensions D x L [mm]	Machine weight [kg]
AP-VMH 1005 R	40 - 60	up to 150 ¹⁾	260 x 510	110 - 200	1.010 x 500	7.700
AP-VMH 1010 R	60 - 120	up to 150 ¹⁾	260 x 1.020	160 - 315	1.010 x 1.000	12.200
AP-VMH 1014 R	120 - 160	up to 150 ¹⁾	260 x 1.360	200 - 315	1.010 x 1.340	14.400

¹⁾ AP-VMH are mainly used to produce chippings; max. feed size for sand production = 70 mm

* The dimensions and rates are variable and can be aligned to the particular requirements.

CRUSHING



GRINDING



DRYING



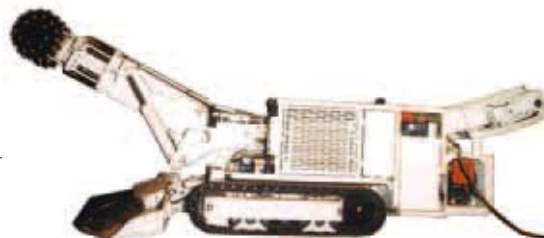
SCREENING



CONVEYING



TUNNELING



DRILLING / ANCHORING



LOADING / DINTING



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