



HAZEMAG product info

The All-rounder

HAZEMAG AP-V for Mechanical Sand and Chippings



Based on many years experience in the hard rock crushing field, HAZEMAG has developed a new range of hard rock secondary impactors with reversible rotor and grinding path, which can generate coarse as well as fine products.

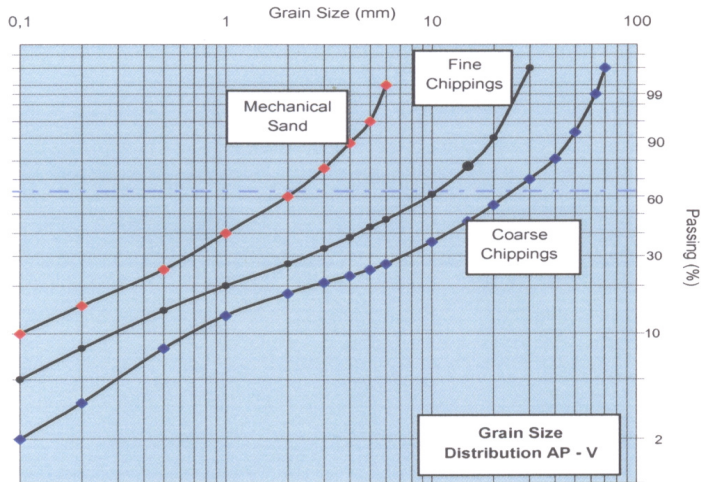
With such a machine for instance, gravel, granite, basalt and even converter slag of up to 150 mm feed size can be processed to generate materials with the following product granulometry containing a low percentage of fines:

Mechanical sand:	Feed size: max. 60 mm,	Product: 0 – 5 mm
Fine chippings:	Feed size: max.100 mm,	Product: 0 – 16 mm (22 mm)
Coarse chippings:	Feed size:; max 150 mm,	Product: 0 – 31.5 mm (56 mm)



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In order to be able to generate this product range, the machine is operated using a frequency converter, since the differing product fineness demands varying rotor speeds. At the same time, adjustment of the rotor tip speeds according to the increasing blow bar wear enables the product quality to be kept constant. Also, thanks to the hydraulically-actuated impact aprons and grinding path, gap settings can be set and adjusted quickly.

Reversing the rotational direction of the rotor automatically leads to a re-grinding of the blow bars, which in turn results in a constantly uniform product. This reversibility also means longer maintenance intervals. The configuration of the crushing chamber with its wide range of variation ensures optimum crushing results with reduced energy requirements. Unless needed for the generation of the desired product, the grinding path can be retracted as far back as the housing wall or replaced by an impact wall.

For the servicing of the machine, both sides of the housing are provided with large doors. The blow bars are slid in from the side to facilitate blow bar changing. Thanks to the high exploitation rate of the wear parts, wear costs are kept to a minimum.

A vibro chute should be used to feed the impactor, in order to achieve optimum material distribution over the whole width of the rotor. This vibro chute should also be a variable-speed unit, so that the feed rate can be regulated in combination with the particular rotor speed to optimise the crusher efficiency and thus the product granulometry. The new impactor range has been designed to handle 60 – 140 t/h. It is manufactured using state of the art fabricating equipment and is hence characterised by its very favourable price/performance ratio.

Type	Feed size max. mm	Capacity t/h	Power requirement kW	Maschine weight ca. kgs
AP-V 1005	50 - 150	60	90	8.100
AP-V 1010	50 - 150	100	160	12.000
AP-V 1014	50 - 150	140	200	17.000

All technical details relate to material and application

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