**HAZEMAG**

Experience.
Innovation.
Results.

Crushing | Screening | Feeding

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# Tertiary Impact Crusher

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Impactors for chippings and mechanical sand

- Extreme reduction ratio: coarse and fine chippings, with perfect yield in sand & fine gravel with one machine only

- Reversible rotor

- Hydraulically adjustable impact apron and grinding path

- Large maintenance doors
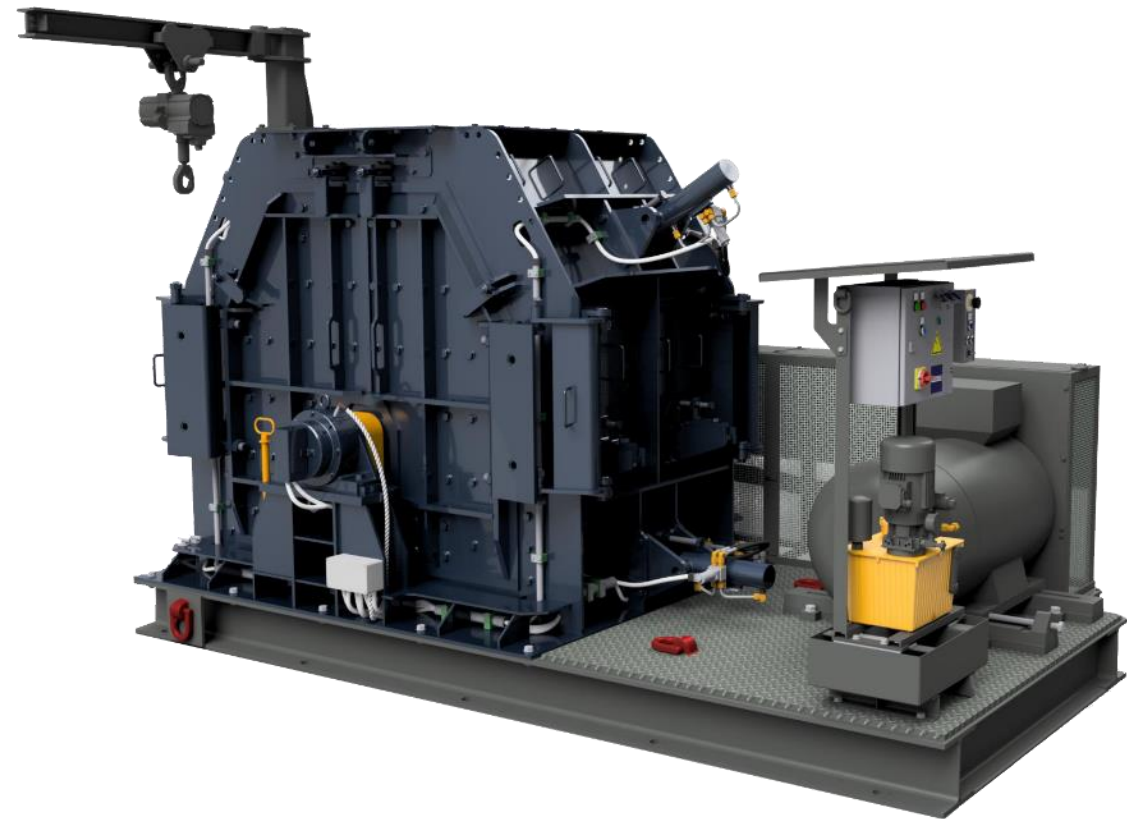
Operation Method

- The "Andreas System" was designed with two gravity hung impact aprons. Today hydraulic or spring supported aprons are commonly used

- This design created two impact areas assuring high ratios of reduction

- Reduction of the feed materials was achieved by true impact
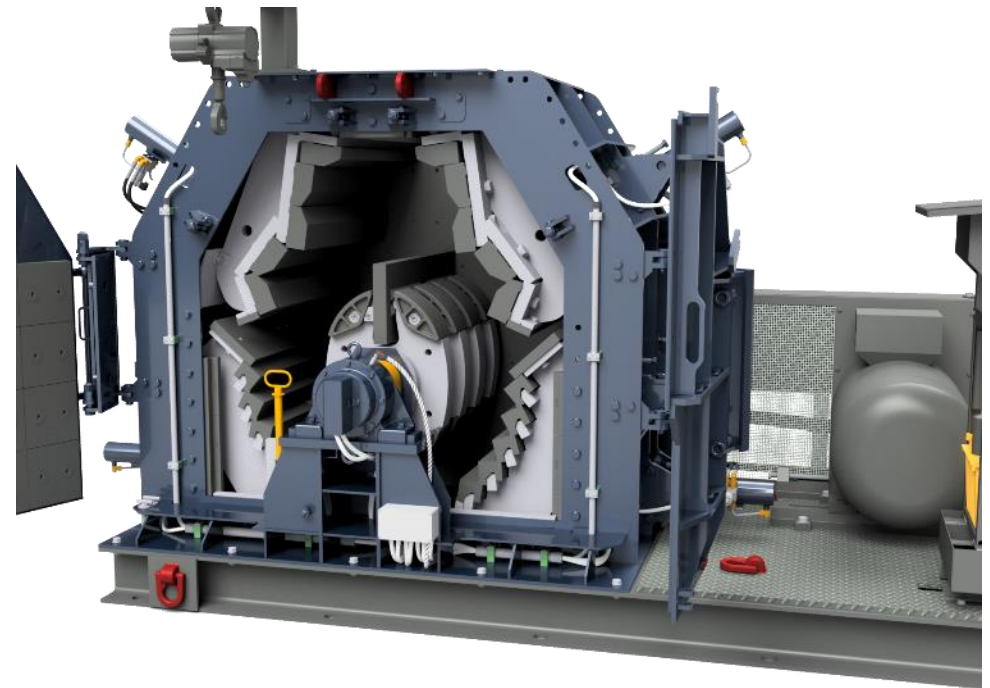
Equipment

- Vertical inlet to allow smaller size feed material to penetrate into the rotor circumference

- Rotor direction is reversible

- Standardization of wear parts

- Economical exchange of wear parts

- Operating and maintenance costs clearly reduced

  - Use of wear-resistant blow bar materials

 - Design with a degree of utilization of more than 50 %

Drive

- Motor power is transmitted to the rotor by means of the v-belt drive or direct drive

- Crusher may be optionally fitted with a frequency converter
  - For influencing the fineness of the end product
  - By varying the rotor speed it is possible to specifically produce a desired grain size distribution
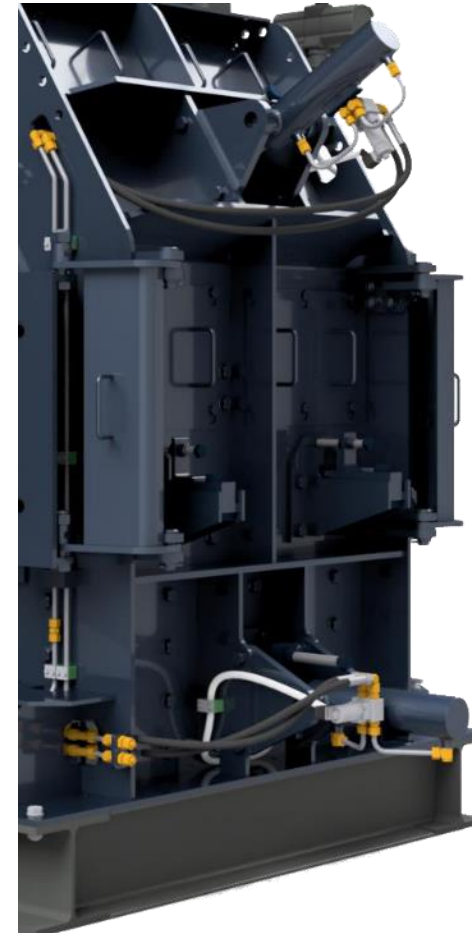 - Consistent product grain curve during the lifetime of the blow bars

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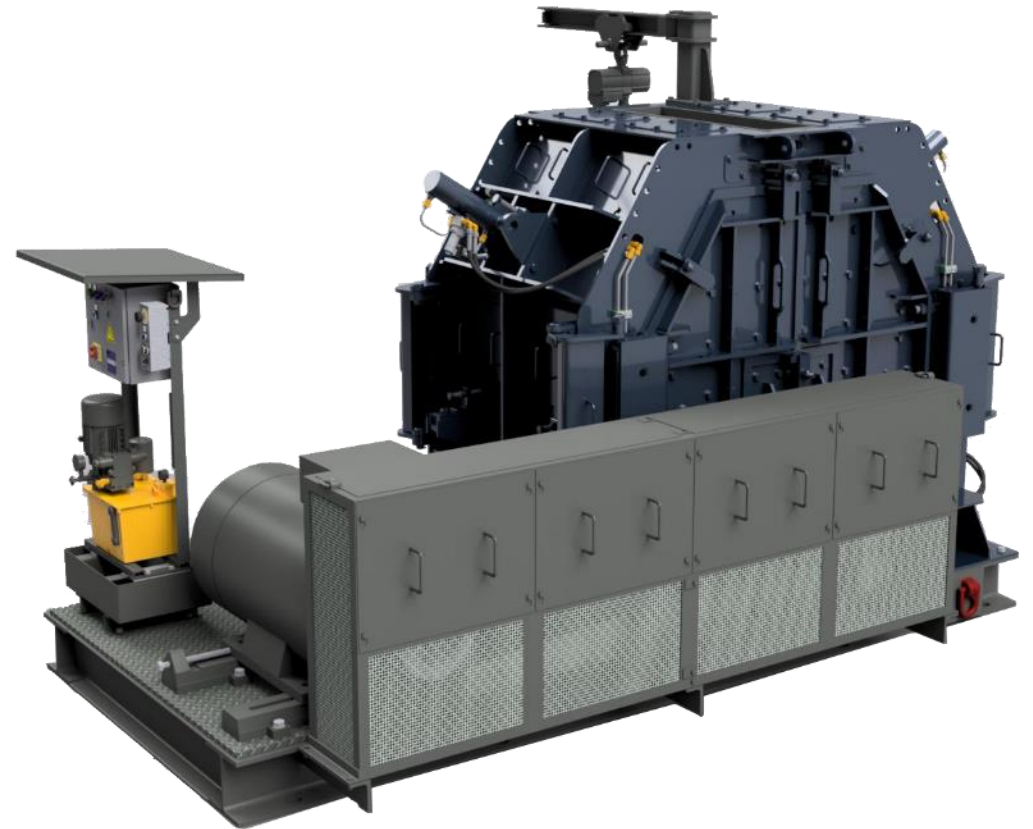
Rotor

- Most stressed component during crushing procedure

- Depending on the crushing problem to be solved, two types of rotors are available:

- VR2-Rotor

  - Maximum feed size: 70 mm

  - Ideal for the production of crushed sand

  - Fitted with two rows of blow bars

- VR4-Rotor

  - Maximum feed size: 150 mm

  - Ideal for the production of high-quality chippings

  - Fitted with four rows of blow bars
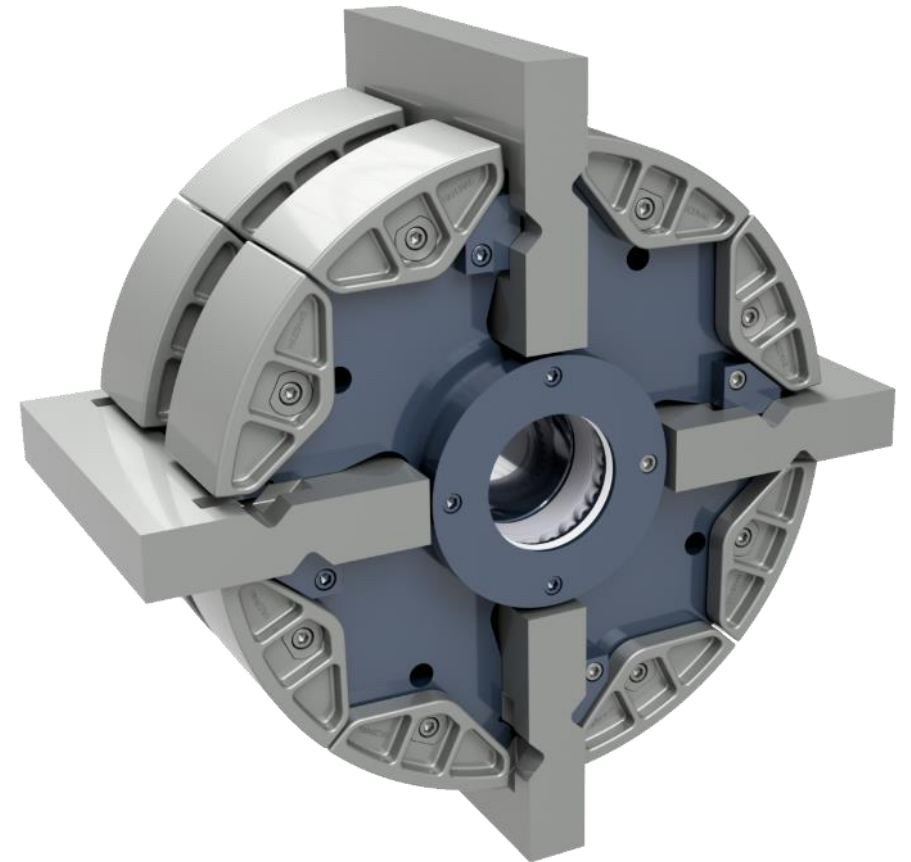
Hydraulic Features

- Impact aprons are retained in position by hydraulic cylinder

- Adjustment at the touch of a button

- Quick adoption to the individual production needs

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