

[Impact Crushers. HSI]

**HAZEMAG**

**Experience.  
Innovation.  
Results.**

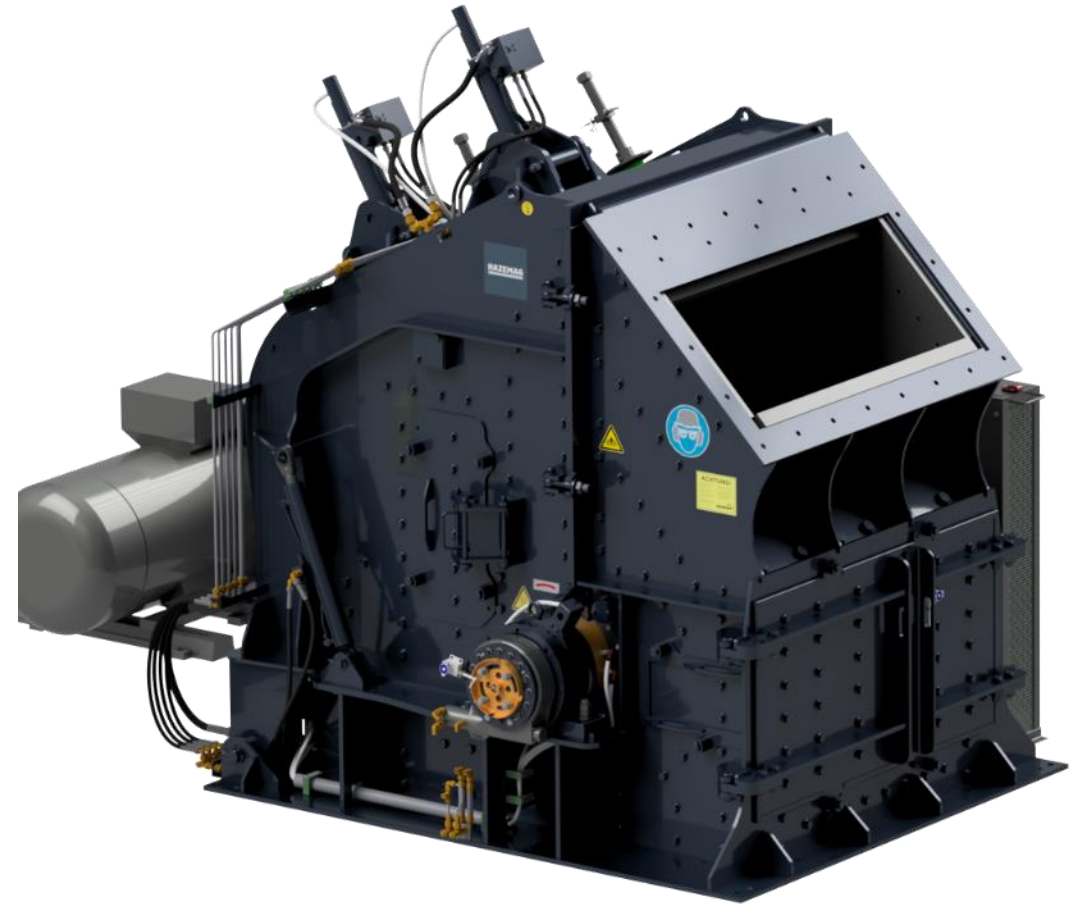
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**Crushing | Screening | Feeding**

# Secondary Impact Crusher

## Redefines secondary crushing technology

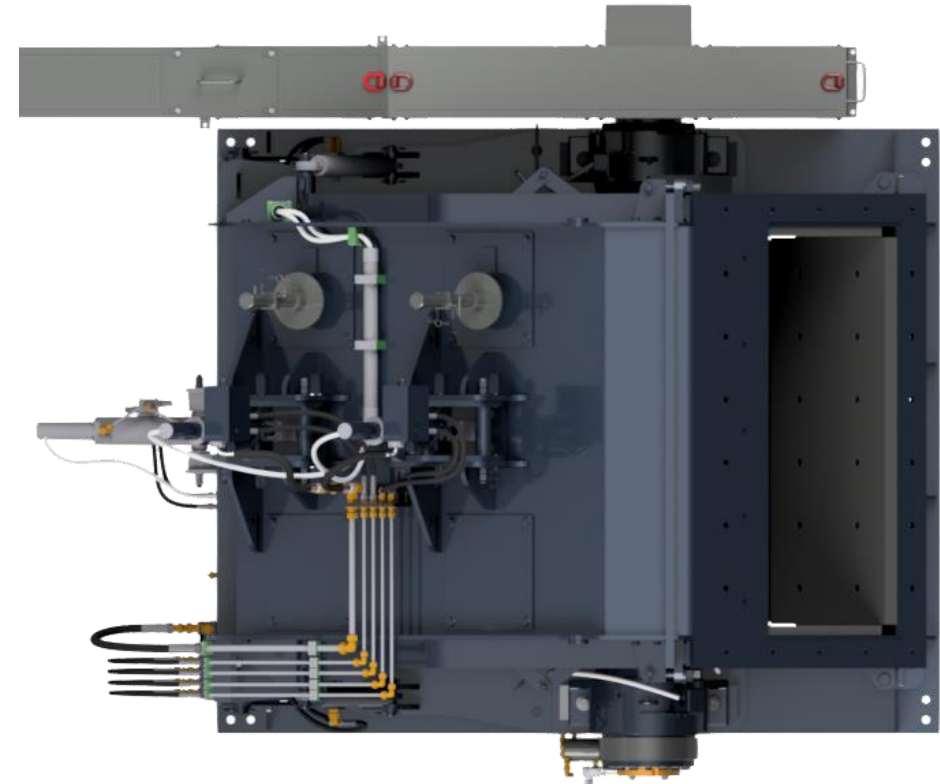
- High reduction ratio for the Cement, Recycling & Aggregates Industry.
- Reliable production at up to 700 t/h while utilising cost-efficient wear materials.
- Ease of operation and a consistent product standard thanks to hydraulically – actuated impact aprons.
- Also special designs e.g. for the salt industry



# Operation Method

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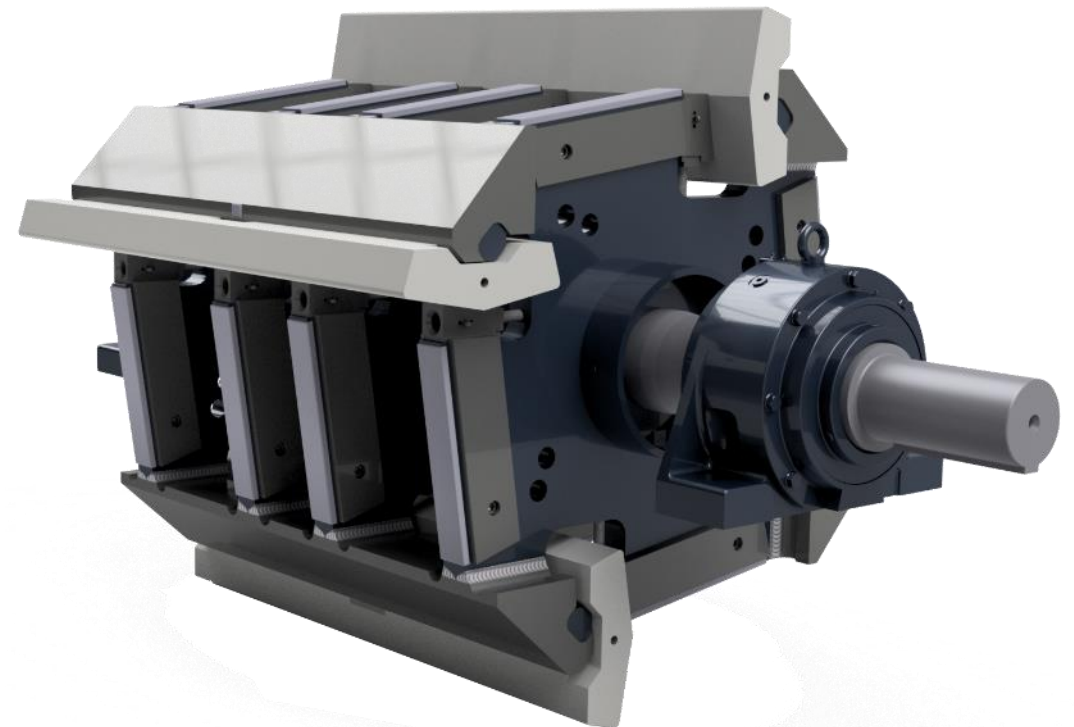
- The “Andreas System” was designed with two gravity hung impact aprons. Today hydraulic or spring supported aprons are commonly used
- This design created impact areas assuring high ratios of reduction
- Reduction of the feed materials was achieved by true impact



# Rotor

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- Key component in the crushing process
- Optimum rotor type is selected according to
  - The crushing requirements
  - Characteristics of the feed material
- Blow bars are locked in position by means of wedges, which can be easily removed for blow bar changing



# Retracting Mechanism

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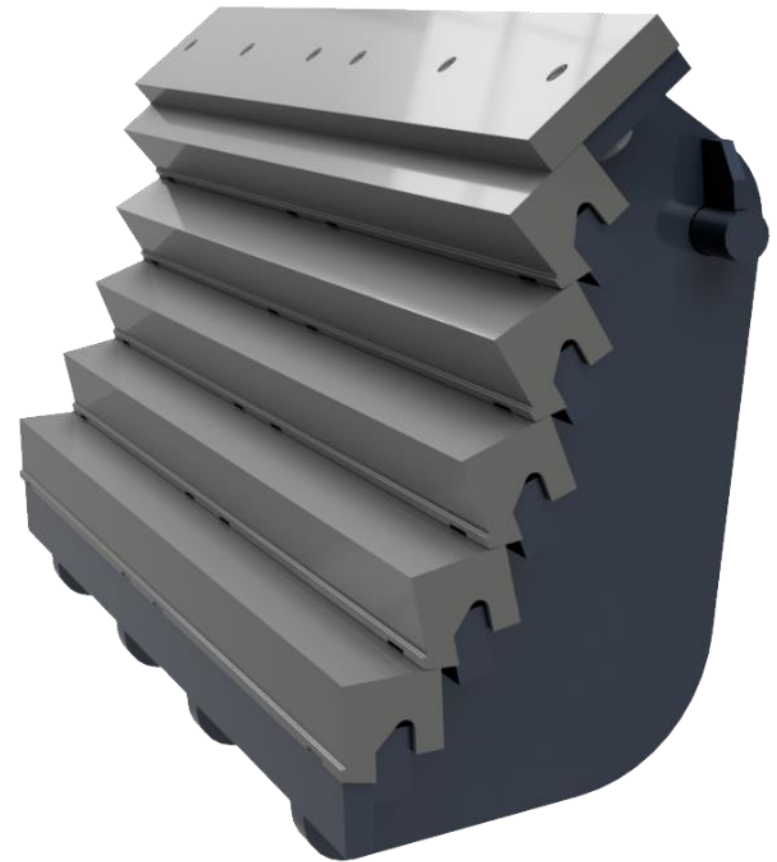
- Ensures protection of rotor body and blow bars
- Mechanical system
  - Impact apron is held in position by means of a thrust device with pressure springs
  - Spindle adjustment by auxiliary hydraulics



# Retracting Mechanism

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- Hydraulic system
  - Impact aprons are retained in position by hydraulic cylinder
  - Adjustment and securing at the touch of a button
  - In case of overload a pre-set limiting value in the crushing chamber, the impact apron retracts in a controlled manner
  - As soon as the load value returns, the impact apron resumes its pre-set position
  - Operation continues without interruption





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