[Impact Crushers. HPC]

HAZEMAG

Experience. Innovation. Results.

Crushing | Screening | Feeding

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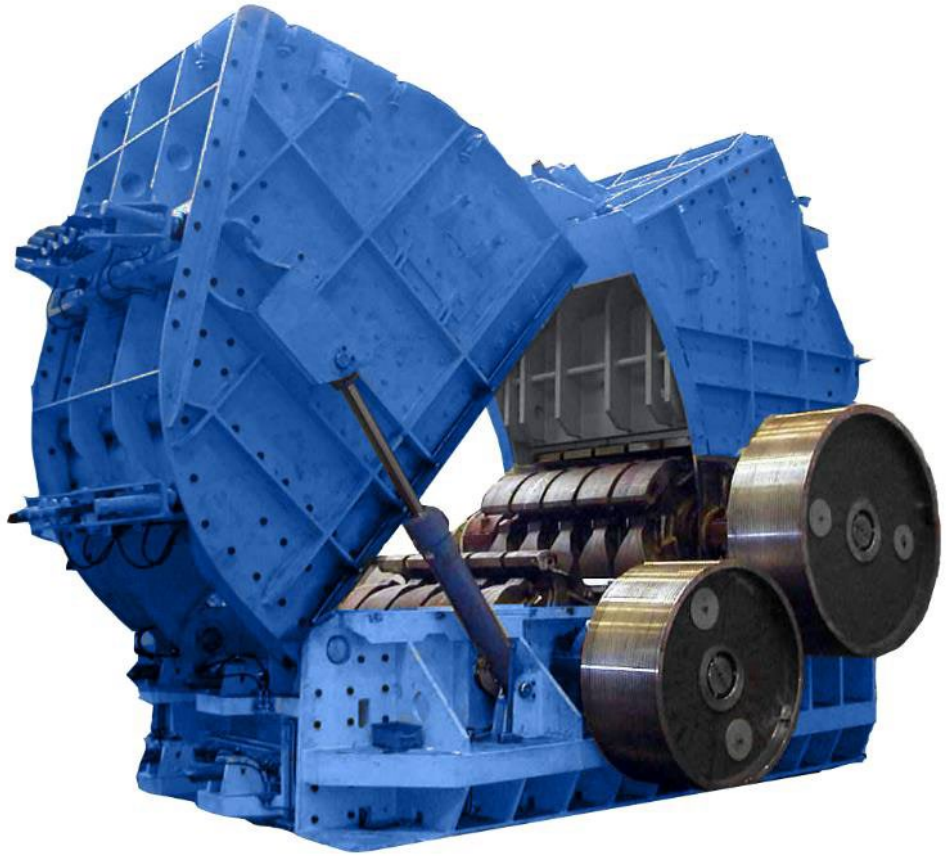
Compound Crusher

Crushing of medium-hard rock

- Double–rotor impact crusher
- Generation of a product suitable for feeding to ball mills
- Combination of primary and secondary crushing in one machine, resulting in a high crushing degree of large rocks at high throughput rates



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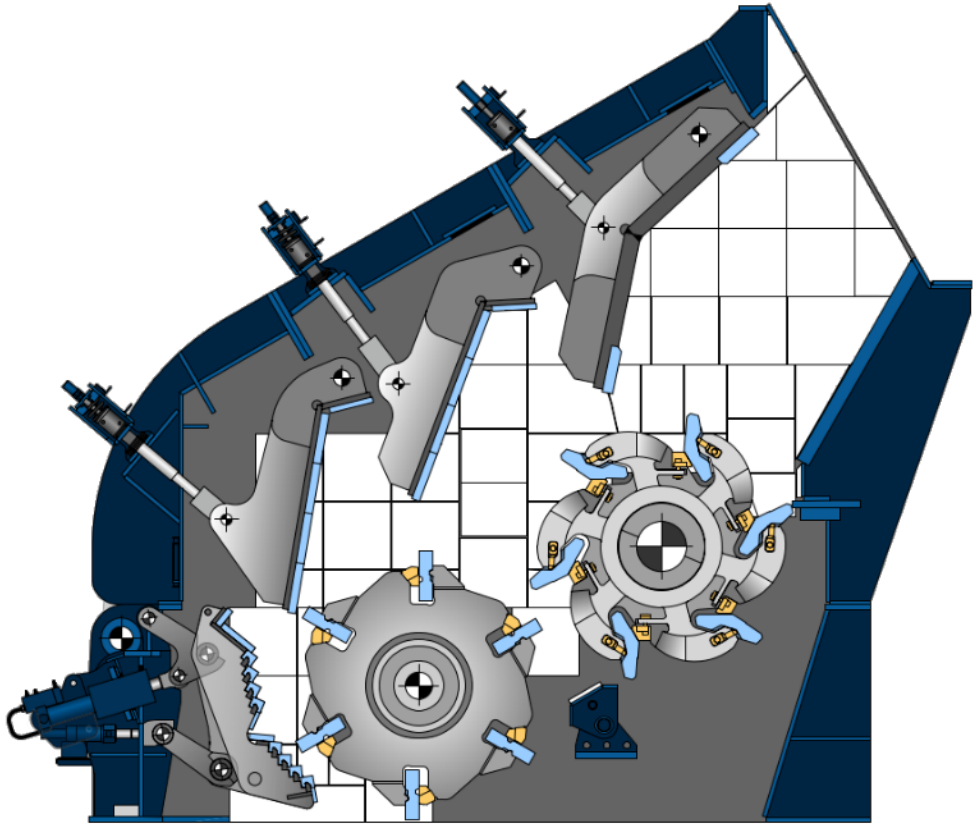
Operation Method

- Two- stage crushing
  - Two co-rotating rotors operating in one housing
- 1st rotor crushes the feed rocks of up to 3m³
- 2nd rotor reduces the feed material to product size
- 2 or 3 impact aprons and a grinding path
- Controlled by spindles/hydraulics for optimum control of the end product granulometry



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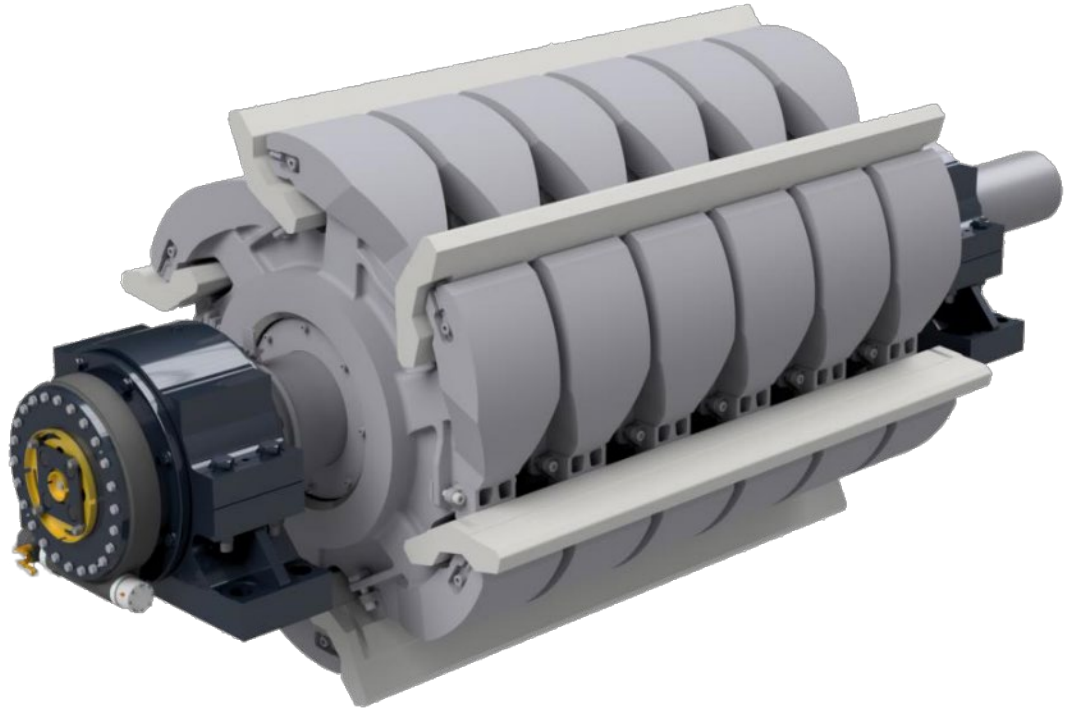
GSK-Rotor

- Patented HAZEMAG rotor design
- Cast and welded steel construction
- With individual cast rotor discs welded to the rotor body to accommodate the proprietary blow bars as primary crushing implements
- Blow bars are locked in position in the holders by means of wedges
- Wedges can be easily removed for blow bar changing



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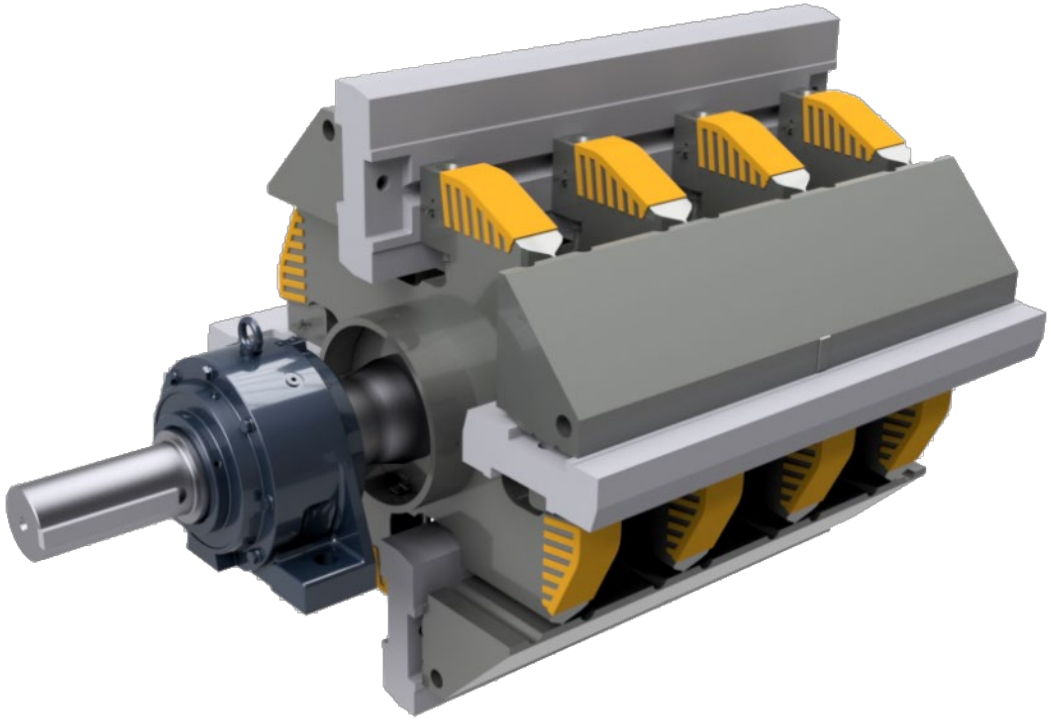
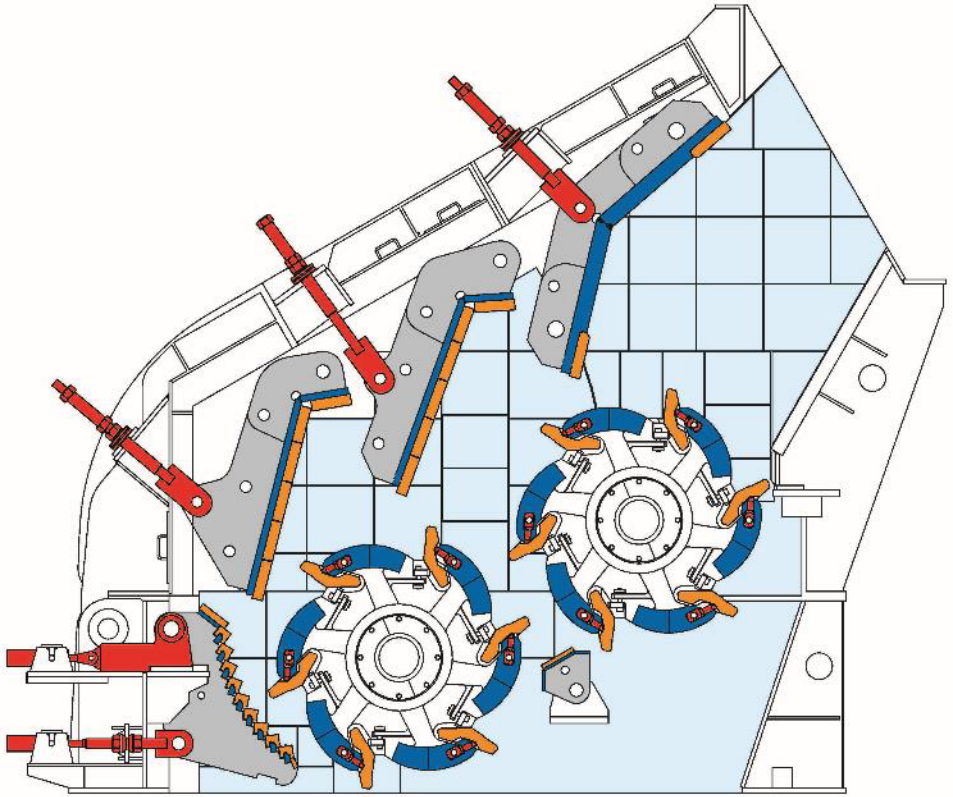
QB-Rotor

- Rotor discs are welded together with rugged holding beams to provide the backbone for the blow bars
- Blow bars are secured to holding beams by means of wedges
- Wedges can be removed easily for blow bar changing



Retracting Mechanism

- Hydraulic system
  - Impact aprons are retained in position by hydraulic cylinder
  - Adjustment and securing at the touch of a button
  - In case of overstepping a pre-set limiting value in the crushing chamber, the impact apron retracts in a controlled manner
  - As soon as the load value returns normal, the impact apron resumes its pre-set position
  - Operation continues without interruption
  - HAZtronic electronic control system for production selection of computer stored recipes according to requirements (optional)
- Retractable Grinding Path
  - The HPC series can optionally be fitted with a retractable grinding path, which allows the retraction in case of an overload condition



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Product Description

Model	Rotor Diameter mm	Power Requirements kw	Inlet Height x Width mm	Maximum Feed Size m3 / mm	Rotor Diameter x Width mm	Weight kg
HPC-1414	230	250/315	950 x 1.420	0.5 (1.000)	1.340 x 1.340	28.000
HPC-1615	400	400/500	1.400 x 1.520	1.0 (1.200)	1.640 x 1.500	62.000
HPC-1618	470	500/560	1.400 x 1.820	1.2 (1.300)	1.640 x 1.800	70.500
HPC-1622	550	560/710	1.400 x 2.270	1.4 (1.500)	1.640 x 2.250	92.000
HPC-1822	850	900/1.000	1.500 x 2.270	2.0 (1.500)	1.800 x 2.250	101.000
HPC-2022	1.150	1.200/1.400	1.770 x 2.270	2.2 (1.500)	2.000 x 2.250	131.000
HPC-2025	1.325	1.300/1.600	1.770 x 2.520	2.3 (1.600)	2.000 x 2.500	160.000
HPC-2030	1.650	1.650/2.000	1.770 x 3.020	2.4 (1.700)	2.000 x 3.000	180.000

Note: Performance details relate to medium-hard limestone

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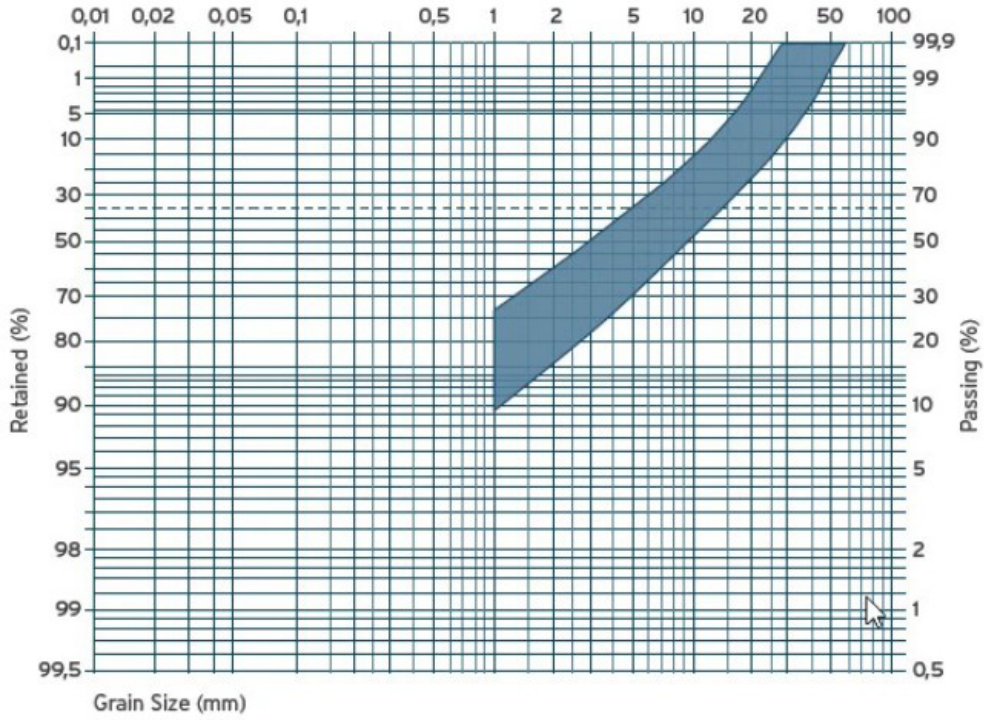
Granulation Curve



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