

[Horizontal Crushers. HHI]

HAZEMAG

**Experience.
Innovation.
Results.**

Crushing | Screening | Feeding

Horizontal Impact Crusher

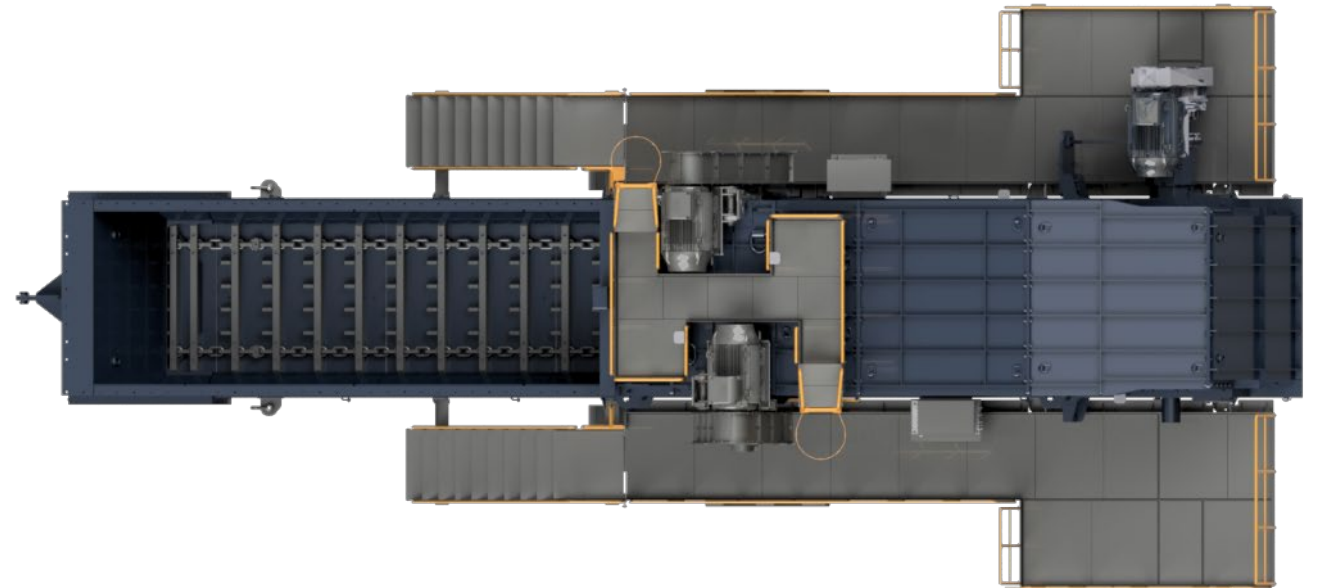
Crushing of medium-hard rock for aggregates, coal, lignite and recycling. In tunneling applications as well used in hard rock environments

- Ready-to-use complete crushing plant as combination of single Impact Roll Crusher with an integrated Heavy Duty Chain Conveyor
- Feeding at grade, no foundation required
- Different grades of mobility: stationary, semi mobile, mobile on powered or non-powered tracks
- Manless operation through PLC



Application

- Chain conveyor as feed and discharge conveyor
- Has proved successful in innumerous applications
 - Coal mining
 - Ore mining
 - Above and underground
 - Natural stone
 - Recycling concrete
 - Construction rubble
- Accepts oversized feed material
- Especially suitable for sticky clayish materials



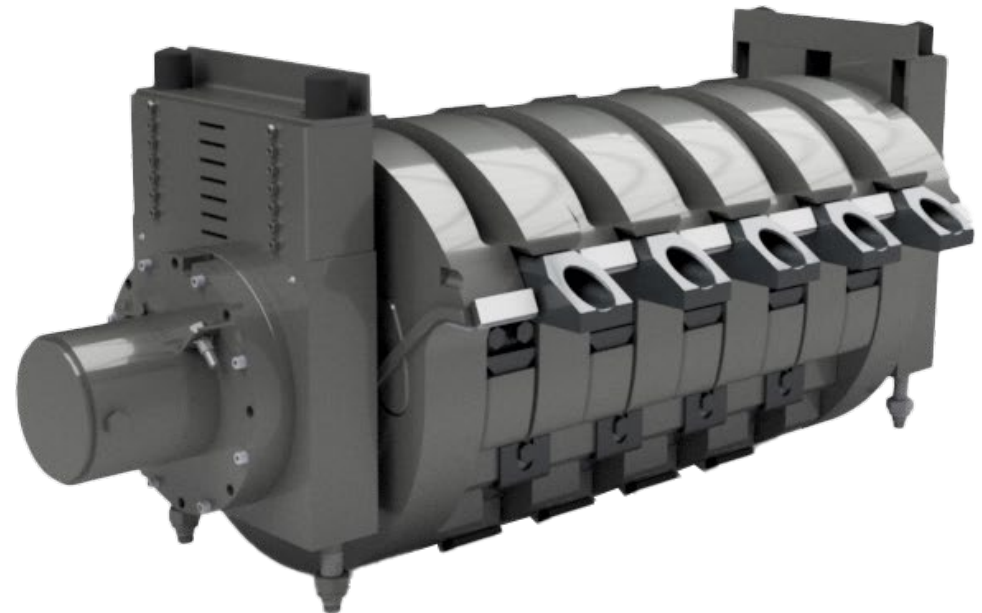
Operation Method

- HHI system includes a single feed and discharge conveyor coupled with a crusher
- Conveyor-compatible crushing of the feed material directly in the working area
- At-grate material feeding
- Crushing in tunnel situations
- Erection without foundation



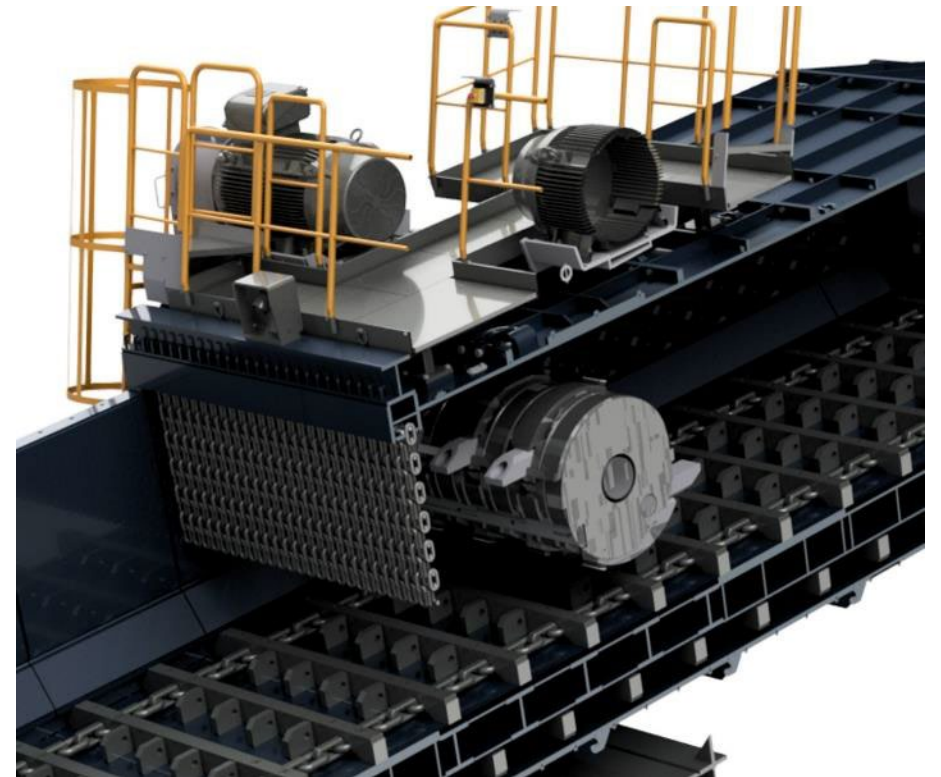
Equipment

- Consists of two machine components:
 - Crushing roll
 - Chain conveyor
- Roll crusher is fitted with a modern control
 - Monitors the input power on the crushing roll and chain conveyor
 - Protects the plant from obstructions
 - Fully automatic operation of the plant
- Modular system aiming at fulfilling every task in bulk goods industry
- Equipment may be modularly adapted to respective requirements and wishes of the operators



Equipment

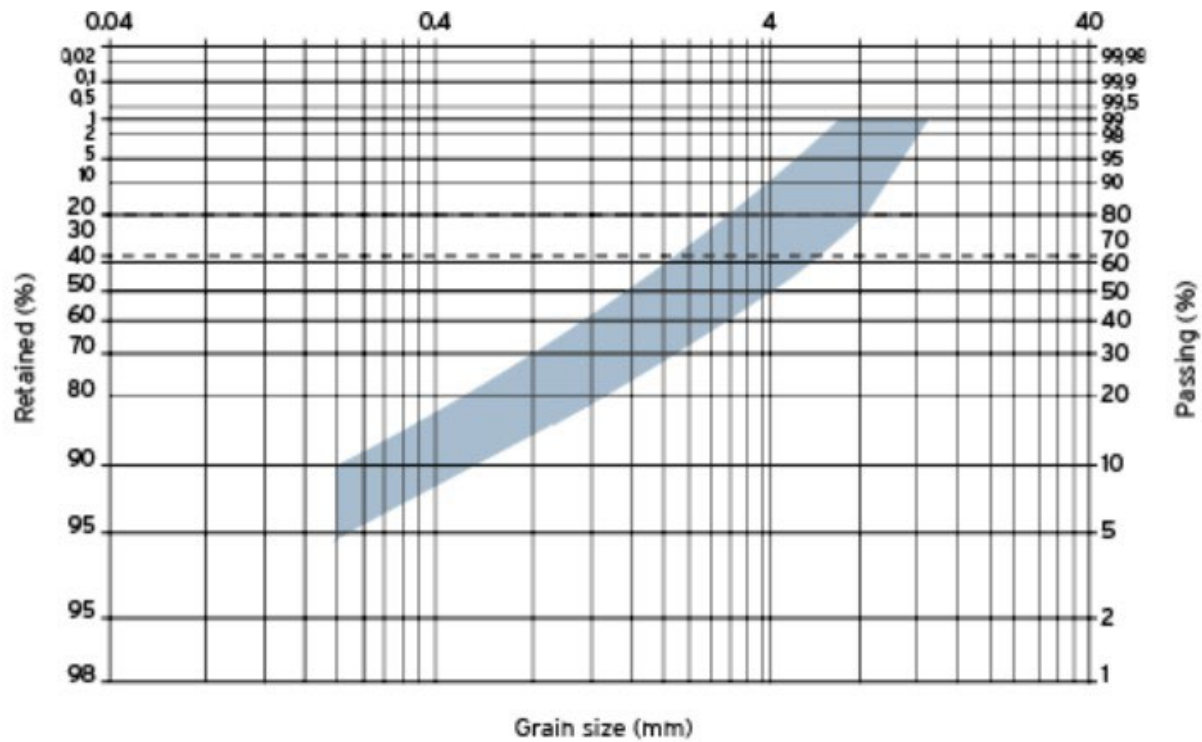
- Arrangement of the crushing roll above the horizontal chain conveyor permits applying as feed and as discharge conveyor
- Pre-scalping with a roller screen can be integrated easily
- Re-adjustable impact elements
- Hydraulically roll height adjustment



Product Description

Model	Max. Feed Size [mm]	Capacity [t/h]	Power Requirements [kW]
HHI 1515	1.000 x 1.400	500 - 1.800	160 - 500
HHI 1518	1.100 x 1.750	800 - 2.500	315 - 630
HHI 1521	1.100 x 2.100	1.000 - 3.000	500 - 630
HHI 1525	1.100 x 2.400	1.200 - 4.000	630 - 750

Granulation Curve





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