

[Roll Crusher. HRM]

**HAZEMAG**

**Experience.  
Innovation.  
Results.**

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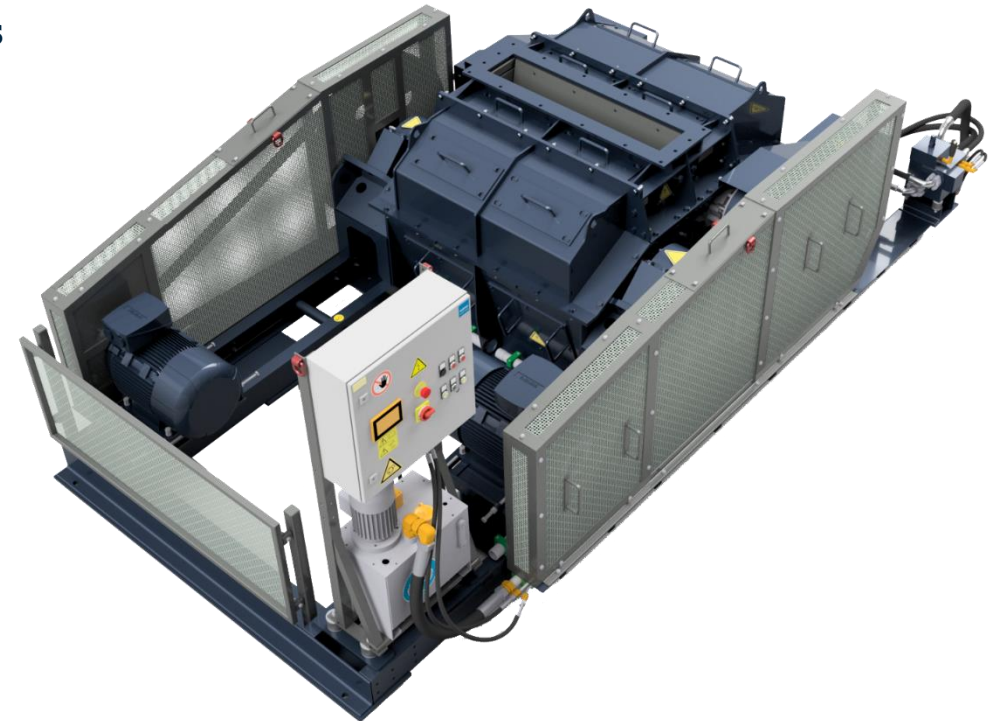
**Crushing | Screening | Feeding**

# Roll Mill

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## Smooth compression crushing with a low percentage of fines

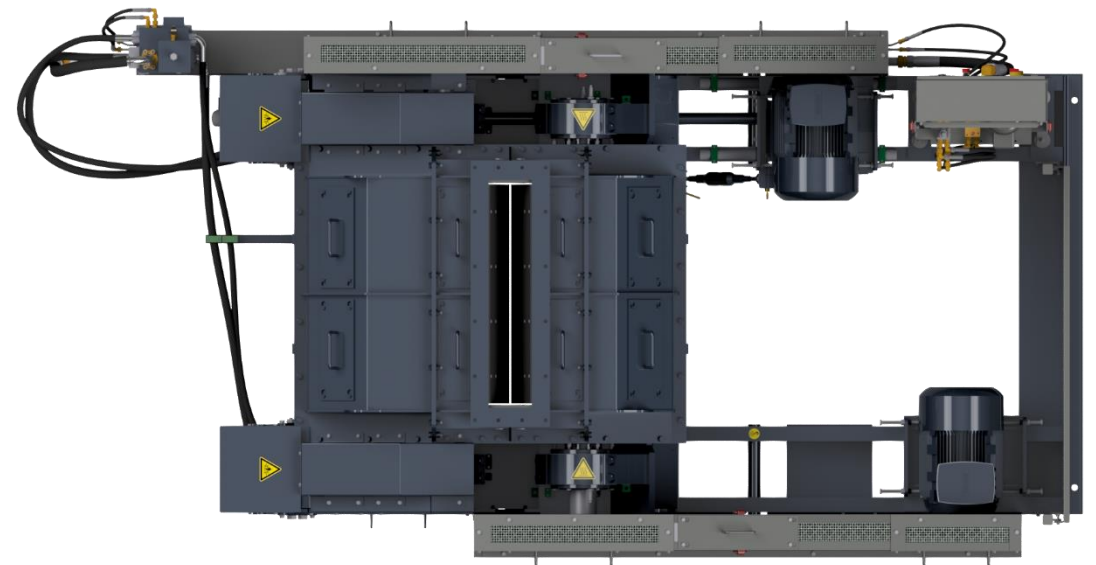
- Crushing of cohesive materials with a high moisture content.
- Adjustable & exchangeable scrapers to keep the rolls clean.
- Two smooth-wheel rolls generate an even more fine product.



# Application

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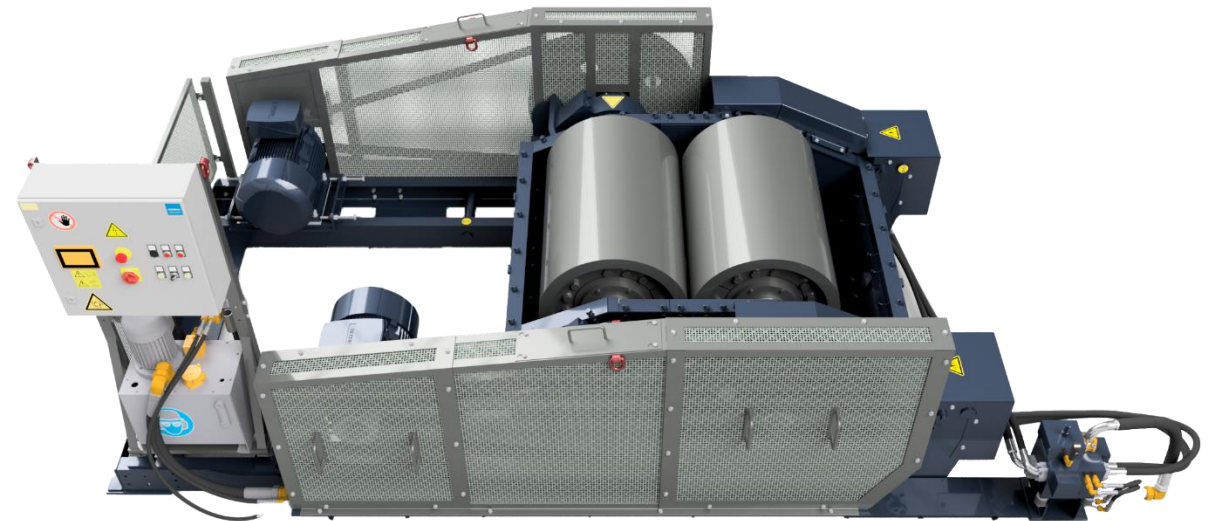
- HAZEMAG Roll Mills can process following materials:
  - Limestone
  - Clay
  - Gypsum
  - Coal
  - Coke
  - Phosphate



# Operation Method

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- Two plain rolls running toward each other
- Feed is nipped between the two rolls and pulled downward through the gap
- Different kinds of forces for crushing material applies:
  - Shear the material
  - Compressive forces between the rolls



# Operation Method

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- High rotational energy of the crushing rolls and the drive components reduce peak loads and uniform power consumption is achieved
- Floating roll opens crushing gap, if non-breakable tramp metal enters the machine
- Floating roll is supported in pivoting rocker arms
- Rocker arms are connected with each other to guarantee parallel retraction





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