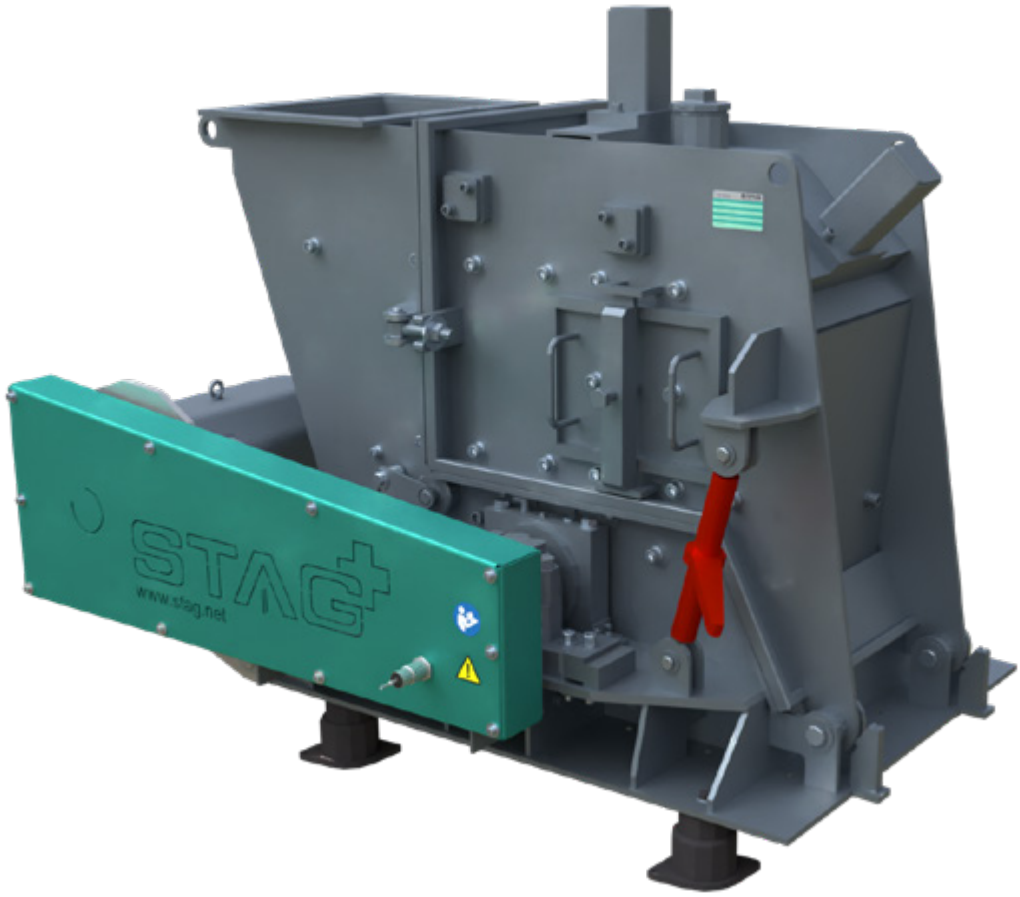
Impact Mill

Crushing and milling of bulk materials



The Impact Mill has been specially developed for the comminution of agglomerations in bulk material. This application is primarily used for processing boiler ash from incineration plants. The adjustable impact mechanism crushes the bulk material to a particle size distribution that is not critical for pneumatic conveying. This is the prerequisite for ensuring a high level of functional reliability for pneumatic conveying, even with critical bulk materials.

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Function
The bulk material is fed to the rotor via a chute. The impact unit consists of two static, adjustable impact plates. The bulk material is thrown onto the impact plates by the impact bars on the rotor. This process is repeated until the grain size is smaller than the distance between the impact bars and the impact plates. By using the Impact Mill, the entire grain spectrum is changed.

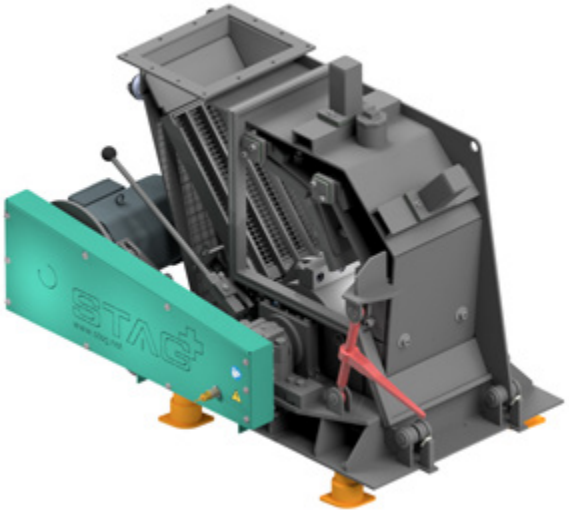
Experience
- Over 150 impact mills installed
- Modular design with expandable coarse screen

USPs
- Bypass for fine product (PMS)
- Housing designed as a stable welded construction
- Easy to service thanks to hinged housing
- Armored housing with replaceable wear plates
- Shaft sealed with labyrinth seal and purge air
- Adjustable impact mechanism for final grain size
- STAG Service Support

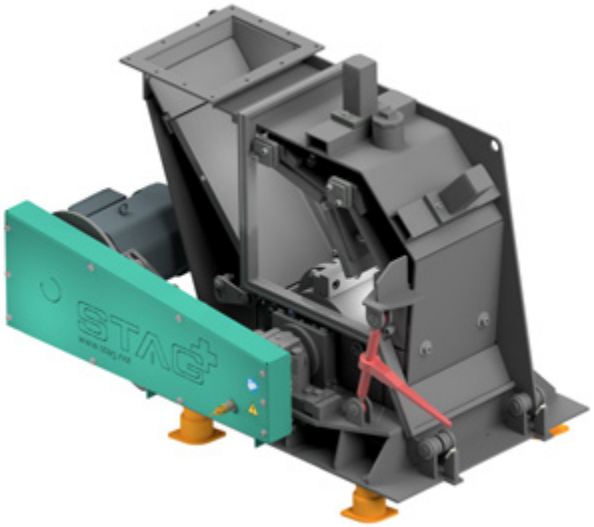
Industries
- Waste to Energy
- Cement industry
- Steel mills
- and many more

Performance data
- Temperature resistance for bulk materials up to 200° C
- Flow rate up to 8 m³/h (depending on product)
- Foreign body strainer standardized as an option

PMS – Impact mill with sieve



PMB – Impact mill with sheet metal



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