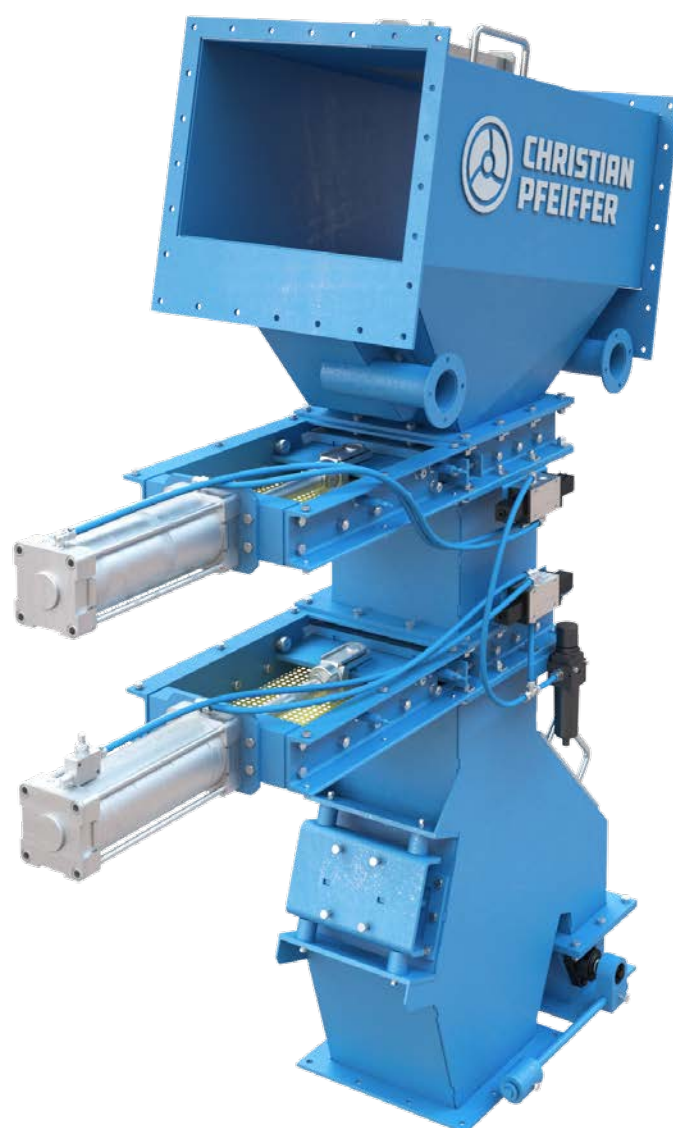


Foreign matter trap

Effective protection of the separator



Foreign matter trap



The foreign matter trap effectively protects the separator against wear and damage from scrap metal and other coarse materials. It filters heavy and oversized particles from the grinding circuit, such as deformed or broken grinding balls. The FMT is installed in the air slide between the bucket elevator and the separator feed chutes to ensure an efficient grinding and separation process. The foreign matter trap can easily be integrated, even in existing plants.

Technical details

- Installed in the air slide between bucket elevator and separator
- Casing with aeration units – manage material flow and fluidization, trapping of heavy materials
- Two slide gates with pneumatic cylinder – operated intermittently – for interval extraction
- Vibrating screen – sorting out all particles below 4 mm (fed back to bucket elevator)
- Pendulum flap – discharging scrap and coarse particles into container

