

APPLICATION

THE TASK

Fire clay material is highly heat-resistant and is therefore used in diverse fireproof applications and in the ceramic industry. Fire clay is produced by firing clay with a high AL_2O_3 content in a high temperature oven.

During production and finishing of fire clay, in particular during the process steps of pallet burning, screening, crushing and sacking, abrasive dusts are generated, which can lead to excessive wear and tear on conventional filter media (e.g. filter cartridges of filter bags).

Prior used bag filters wore out extremely quick due to the cleaning done by stretching and knocking. The resulting frequent change of bags lead to massive production downtimes and high costs for filter replacement which turned out to be totally unacceptable for the company.

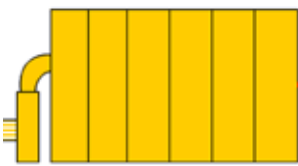
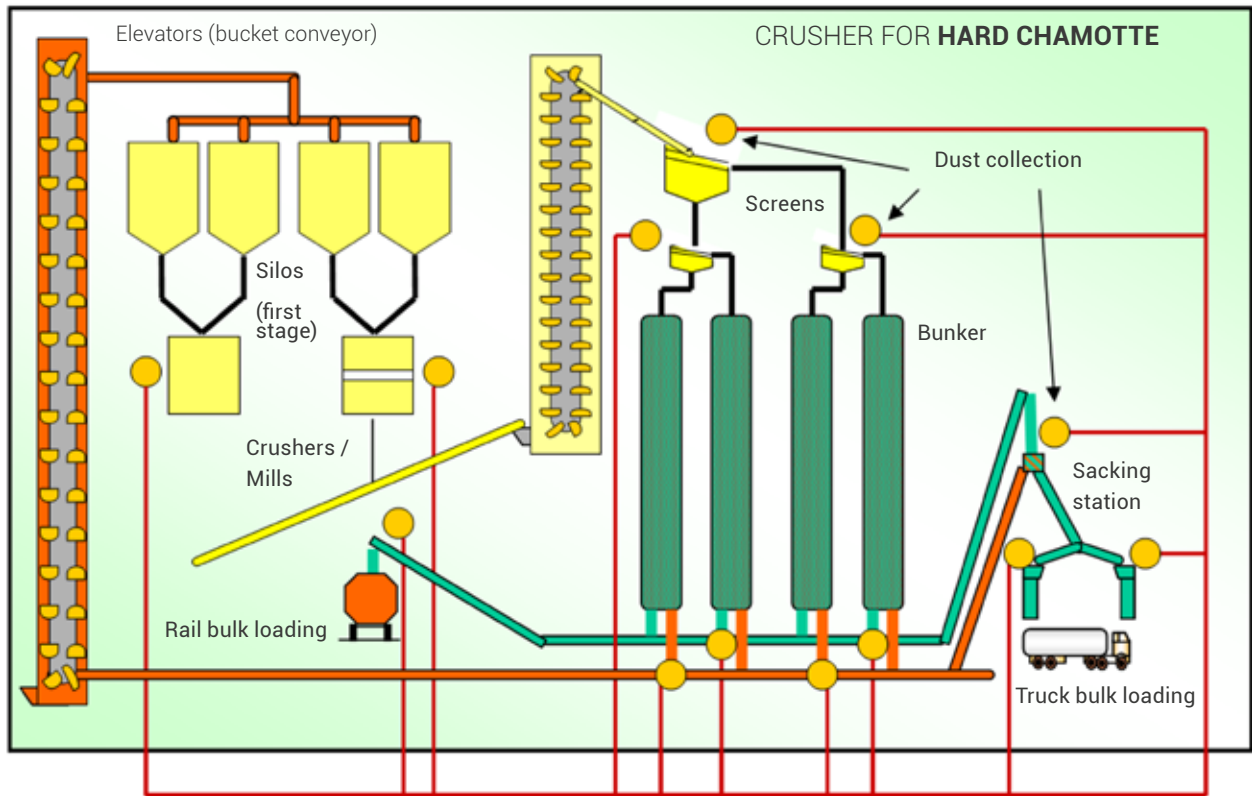


DIE LÖSUNG

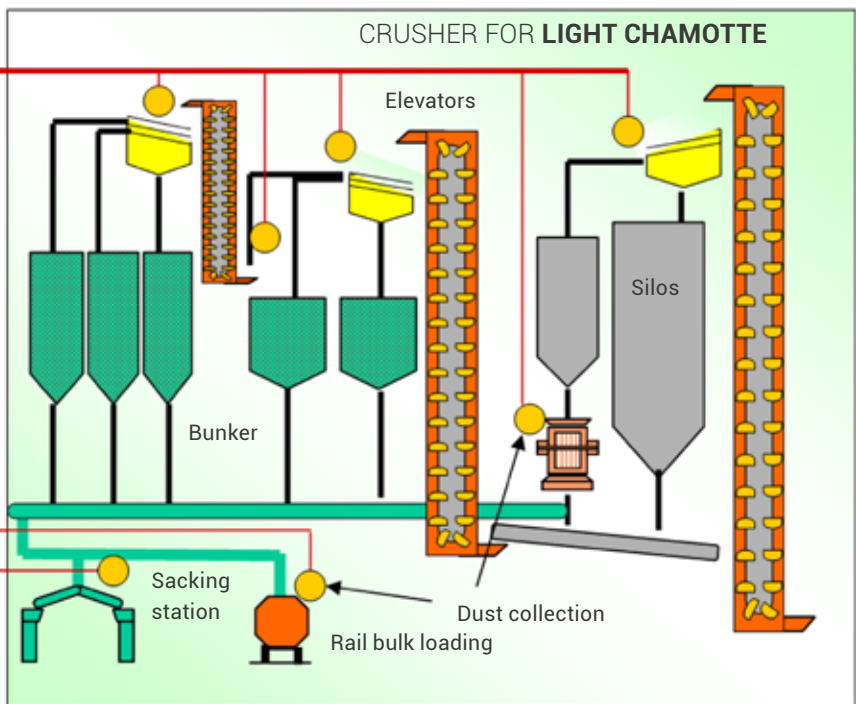
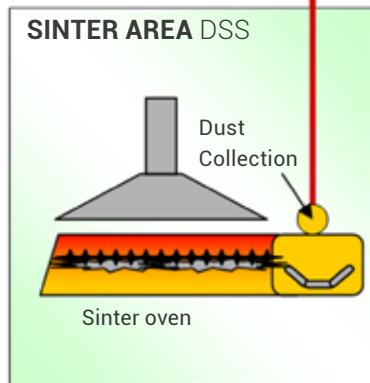
- » Exchanging of filter bags by Herding® Sinter-plate filters
- » Upgrading the existing mechanical cleaning by knocking to jet-pulse cleaning
- » Applications: HS-Crusher // LS-Crusher // DSS-Sinter area
- » Each unit with floor-mounted fan
- » Clean gas dust content < 1 mg/m³
- » Pure surface filtration with the compact rigid structure element Herding® Sinter-plate filter
- » High resistance against abrasive dusts
- » Average useful life time of the filter element up to 10 years
- » Cost savings by a six-digit number in I & R



PRODUCTION OF FIRE CLAY



Herding® FILTERANLAGEN
 HSL 1500-70/18
 HSL 1500-90/18
 HSL 1500-30/18



Herding® is a registered trade mark // V1.4

Herding GmbH
 FILTERTECHNIK

August-Borsig-Str. 3 Tel.: +49 9621 630-0
 92224 Amberg Fax: +49 9621 630-120
 Germany Mail: info@herding.de

herding.com