

Chain reclaimers



Purpose

The chain reclaimer is designed to handle and extract bulk granular products in flat bottomed silos.

At filling stage, it is used to optimize storage capacities through scraping flat bottom.

At discharging stage, it is designed to scrap the product towards the reclaiming conveyor.

Features

- Assisted automated operation
- Open girder designed to prevent product retention

Safety devices

- Atex Area 22 on request
- Autonomous safety devices monitoring
- Safe positioning of chain reclaimer to give access to storage area



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Principle and options

Principle



Storage

A first part of the flat storage is filled up by gravity.



Filling

The product heap is scraped by the chain reclaimer to the bottom during storage to optimize the capacity.



Unloading

The product is pushed by the chain reclaimer to the reclaiming conveyor by moving from one side to the other one.

Automation

Control

The machine automated provides a complete control of :

- Power control
- Automatic cycles control
- Machine and man safety devices control
- Preventive maintenance
- Remote maintenance

Equipment

- Remote control to control product approach and to start up assisted automated cycles
- Display panel allowing interaction with the machine
- Profibus network ensuring communication between cabinet and girder
- AS-i network on girder collecting all information from sensors
- Modem for remote maintenance



Stolz cabinet



On site operators training

