

Chain reclaimers



Purpose

The chain reclaimer is a machine dedicated to the handling or extracting of bulk granular products in flat storage.

At refilling stage it can be used to optimize the storage capacities through bottom flat equalizing.

At discharging stage it is designed for removing residual heaps.

Features

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

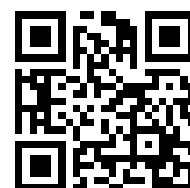
Safety devices

- ATEX Area 22 on demand
- Autonomous safety devices monitoring
- Chain reclaimer can be placed in a safety position to give access to storage area

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Chain reclaimers

Principle and options

Principle



Storage

A first part of the flat storage is filled up gravitarily.



Filling up

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



Unloading

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

Automation

Control

Automatism on the machine allows a complete control of :

- Electric monitoring
- Automatic cycles control
- Machine and human 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 allowing communication between cabinet and beam
- AS-i network on beam collecting all information from sensors
- Modem for remote maintenance



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On site operators training



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