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
Chain reclaimers
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

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Stolz cabinet

On site operators training