PRODUCT DATA SHEET

Curd Unloading System

Overview

The RELCO® Curd Unloading System is designed to safely and efficiently transfer curd from curd tables to downstream processing equipment. The system supports flexible installation via floor-mounted or overhead rail-mounted configurations and is intended to improve sanitation, safety, and material flow during curd unloading operations.

Product Capabilities

- Supports transfer of curd from tables to downstream processes
- Available in floor-mounted or overhead rail configurations
- Compatible with air (blow), vacuum, or mechanical (auger) transfer methods
- Designed to improve sanitation by eliminating curd transfer hoses from the production floor
- Integrates with RELCO curd tables, transport systems, and downstream equipment

System Components

Table Unloader (Floor & Rail Units)

The Table Unloader is the primary component used to transfer curd from the curd table to downstream equipment. It is designed for consistent throughput, gentle curd handling, and flexible installation.

Key Features (Table Unloader)

- High-capacity hopper to handle curd during discharge from the table
- Ribbon auger designed to move curd efficiently while minimizing product damage
- Auger-mounted tines to reduce curd bridging at discharge or vacuum pickup points
- Proximity switches to confirm proper alignment with the curd table and support safe operation
- Stainless steel bearings designed for washdown environments

Technical Specifications (Table Unloader)

- Throughut range: 14,500 - 23,500 lbs/hour
- Transfer methods: Air (blowing), Air (vacuum), or Mechanical (auger)
- Availabe vacuum ports: up to 8 ports

Options & Utilities

- Floor-mounted units with swivel casters for mobility
- Overhead rail-mounted system for fixed or guided movement
- Star Valve integration:
  - 10" diameter
  - 12" diameter
- Integration with downstream systems including:
  - Blockformers
  - Hoop filling systems
  - Barrel filling systems

Applications

- Unloading curd from RELCO® TRU-FINISH™ Curd Tables
- Feeding blockformers, hoop filling, or barrel filling operations
- Facilities seeking improved sanitation and removal of hoses from production floors
- Systems requiring controlled and repeatable curd transfer

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