



Wastewater Treatment



Water Treatment



Flue Gas Treatment

## Silo Arch-breaker & Feeder

The DDS 400 arch-breaker and screw feeder is a mechanical discharge and volumetric feed system for conical bins and silos.

### Advantages

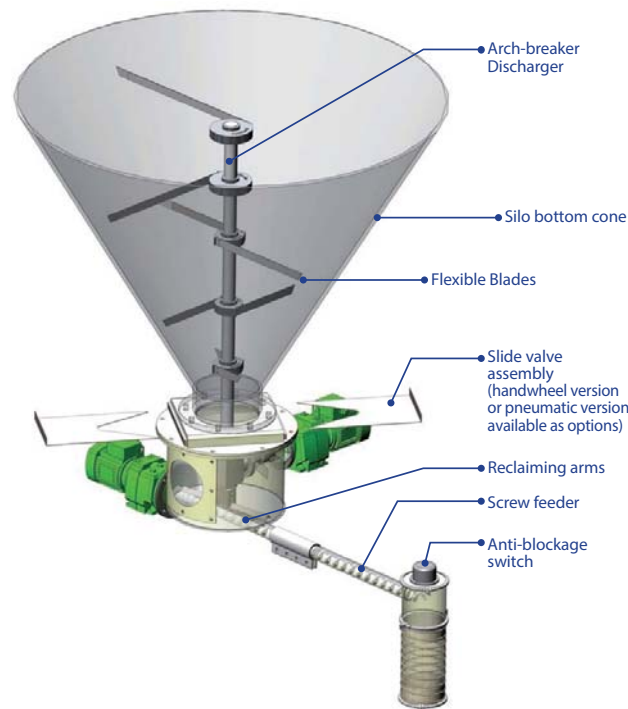
- Extraction of product without rat-holing, compaction, or contamination
- Complete emptying of the silo
- Easy-assembly on silo flange
- Constant flow and accurate volumetric feed
- Low power consumption
- May include up to 4 independent screw feeders
- Easy assembly onto transfer or injection system
- No air injection or vibration required
- Screw feeders and conveyors can be flexible, inclined or vertical

### Options

- Explosion-proof
- Motion sensor
- Pneumatic or electric slide gates
- Outlet chute product detection
- Product flow/detection sensor

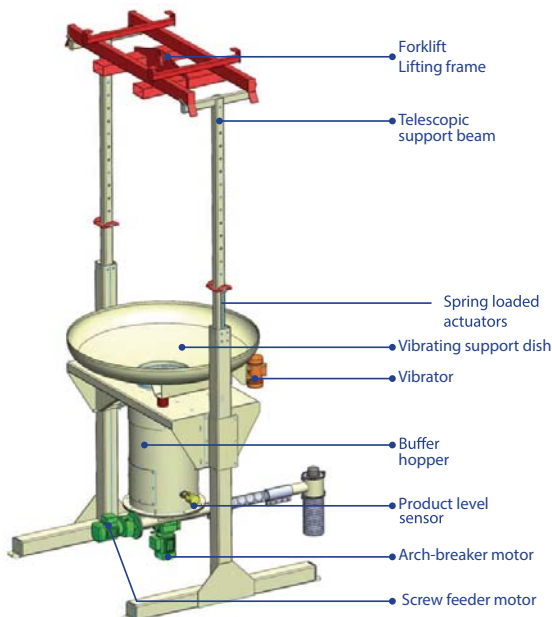
### Specifications

- Fabrication material: carbon steel, stainless steel 304/316
- Fixed or variable feedrate
- Single or multiple independent screw feeders



## Big Bag Unloader

The Big Bag Unloader is engineered to discharge up to 2 ton supersacs, ensuring an automatic and complete discharge of the dry chemical without product compaction.



### Advantages

- Compact Unit
- Suitable for bulk bags
- Easy assembly
- Easy-to-use
- Rental units available
- Complete emptying of bulk bag
- Optimized dust control
- Self-loading version available with integrated hoist

### Specifications

- Fabrication material: carbon steel, stainless steel 304/316
- Single or multiple screw feeders
- Big bags up to two tons

### Options

- Isolation diaphragm valve
- Dust collector
- Big Bag opening knife
- Load cells (gravimetric)
- Electrical hoist and trolley
- Explosion proof unit

Over 9000 successful installations

Over 40 years of experience

Discover the Sodimate Advantage

## Hopper Arch-breaker & Feeder ZFP 500/DM

The ZFP 500/DM arch-breaker and screw feeder is a mechanical discharge and feed system for small hoppers.

### Advantages

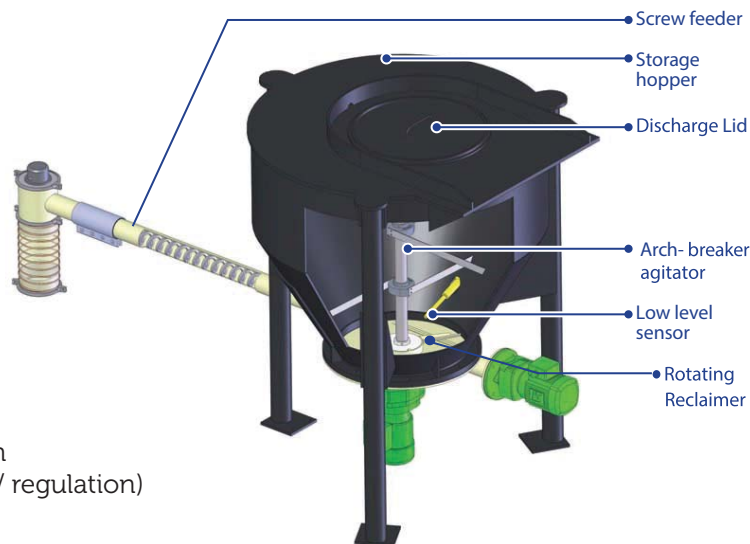
- Effective discharge and accurate volumetric feeding
- Low power consumption
- Easy assembly
- Mechanical discharge without product compaction or contamination
- Easy to assemble: adjustable length, flexible or rigid screw feeder
- Dust-free

### Specifications

- Fabrication material: carbon steel, stainless steel 304/316
- Fixed or variable feed rate
- Single or multiple/ Rigid or flexible

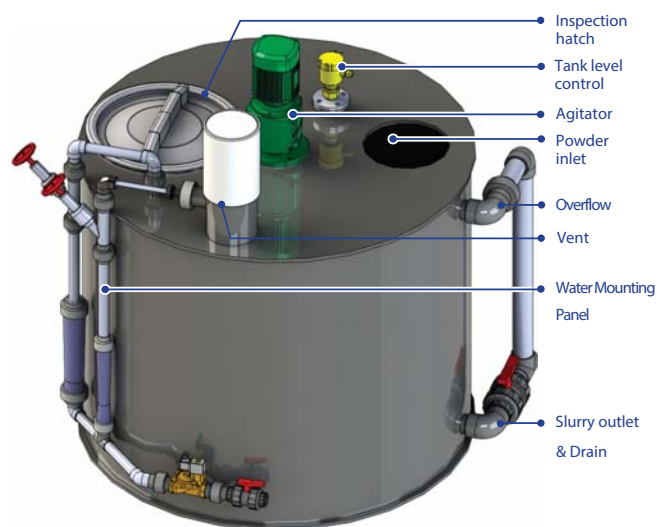
### Options

- Feeder rotation sensor
- Outlet chute product detection
- Weighing unit (loss-in-weight / regulation)
- Dust collection system
- Protection hood
- Mobile Unit



## Slurry Tank

In addition to its dry chemical discharge and feed systems, Sodimate also provides complete mixing tanks for all types of slurries. Each tank is specifically designed for our customer and the dry chemical they need to dilute and mix.



### Advantages

- Can come skid-mounted
- Dust-free unit (fully sealed equipment)
- Designed especially for lime and activated carbon
- Low maintenance
- Self-cleaning options

### Options

- Vent with spray nozzle for dust removal
- Radar or ultrasonic tank level control
- Pump skid
- Special design for high concentration
- Analog flowmeter
- SS 304/316 and carbon steel fabrication available