



Subject to modifications.

GEA Silo

Technical data

The GEA Powder silo, developed with years of powder experience to fulfil the requirements of a efficient, functional powder storage system.

Features

- Proven developed design.
- Material of construction configurable to suit industry requirements
- GMP & ergonomical design
- Sanitary design (configurable)
- Low maintenance
- Easy access for cleaning

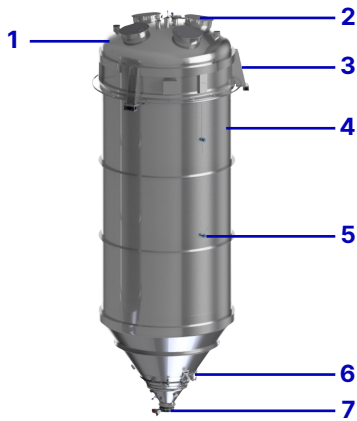
Options

- ATEX / IECEx / UKEX / CSA

Built in dust collection for dust free operation (Configurable)

- Configurable with various discharge aids to prevent bridging and to achieve mass flow
- Designed for dust explosion venting / suppression
- Designed for safe access to silo top

Operating principles and constructional features



- 1 Silo top
- 2 Silo explosion vents
- 3 Silo support
- 4 Body
- 5 Level sensors
- 6 Discharger fluidiser aids
- 7 Discharge valve

Process data	
Volume	Configurable
Daimeter	Configurable
Dust collection	Selectable
Filter size	(Configurable)
Inlets	Size and No. selectable
Impactor	Optional
Discharge size	300 - 450 mm
Rate	Selectable
Explosion protection	Selectable
Vibration discharger	Selectable
Comp air press	6- 7 barg
Weight	Based on configuration
Material construction	EN.1.4301 / AISI 304

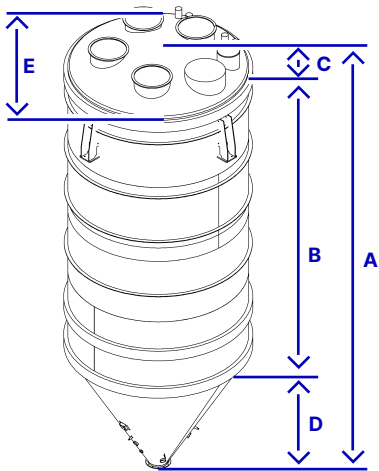
Standard scope of delivery

- Silo body SS304
- Top access hatch
- 1 off inlet connection
- 1 off dust collector flange

Options

- Level sensors
- No off fluidisers c/w solenoid
- No of inlet and size
- Dust collector
- Explosion venting panels
- Explosion venting flameless
- Explosion supression
- Inlet explosion isolation
- Discharge rotary valve
- Manual discharge knife gate valve
- Dust collection duct explosion isolation
- Silo top pressure sensor
- Silo top dehumidification
- Truck fill line c/w isolation valve
- Explosion isolation for truck fill line
- Load cells
- Silo skirt with doors
- Material EN 1.4404 / AISI 316L
- Lightning rod
- Access stairs
- Access rung ladder 15 degree
- No of product inlet lines.
- Additional inlets and butterfly valves
- Davit arm for service
- Lower access bolted access hatch
- Increase size
- Truck fill control system
- Monitored earthing system
- ViwateQ® surface treatment

Dimensions



A	B	C	D
11,367 mm (447")	7,543 mm (297")	680 mm (26")	3,144 mm (123")
E			
4,000 mm (157")			