

Bulk Storage Silo



Wastewater Treatment



Water Treatment



Flue Gas Treatment

Bulk Storage Steel Silo

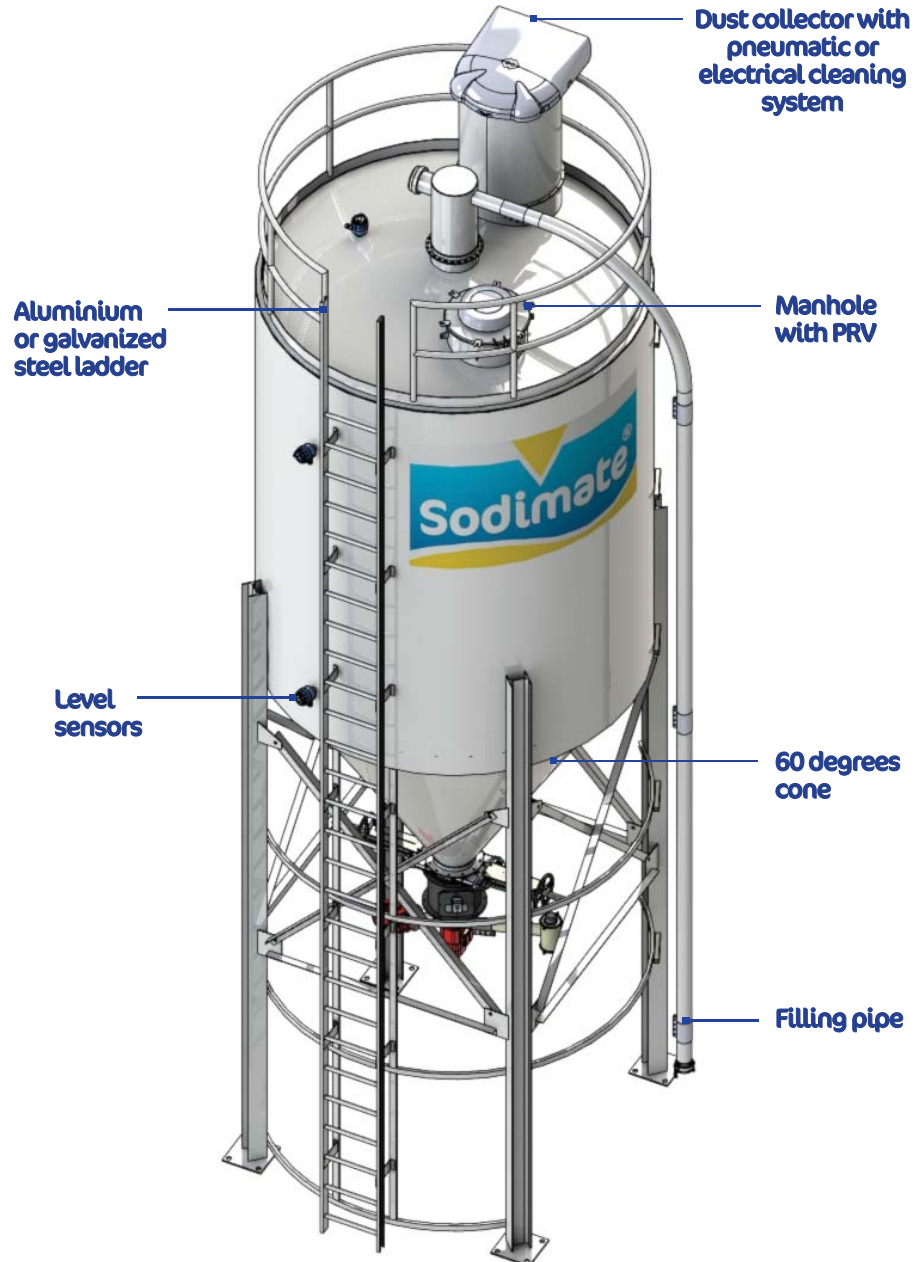
Bulk storage silos made of steel are the perfect solution to store powdered reagents like hydrated lime, activated carbon, soda ash, and many other dry chemical powders. The cylindrical shape and the conical bottom allow a complete discharge of the product when combined with a mechanical arch breaker.

With a volume ranging from 200 to 7,000 ft³, Sodimate helps to choose the right diameter and height of silos to comply with the technical definition of the customer.

Silos can be legged with a steel frame, with a skirt (to implement a room) or attached on a pad to be suspended through a concrete ceiling.

Advantages:

- Custom made silos in one-piece construction
- Protective linings and coatings
- ASME certification
- On-site delivery and installation
- Huge storage capacity
- Low maintenance cost





Powder handling expert



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Redundancy with stairway to access on both roofs



Skirted silo with stairway



Legged silo

Optional features:

- Load cells
- Skirt (room under the silo)
- Insulation
- Junction box at the ground level
- Safety cage OSHA compliant
- Stairway OSHA compliant
- Heater and thermostat
- Lighting
- Specific color and lining
- Explosion proof vent

SILO HEIGHT(ft)

	300 ft ³	500 ft ³	750 ft ³	1000 ft ³	1500 ft ³	2500 ft ³	3500 ft ³	5000 ft ³
Ø10 ft	18'6"	21'1"	24'3"					
Ø12 ft			22'9"	25'1"	27'7"	38'6"	47'6"	60'11"
Ø14 ft						34'1"	40'8"	50'5"

*Height and capacity vary regarding the silo volume



Load cells for skirted silo