



The storage silo & hopper system provides storage and buffering for powders and granules: cylindrical body with conical bottom, mirror-polished walls, 304/316L stainless steel with large-radius transitions and no dead corners, meeting pharmaceutical and food standards. It performs four functions — storage, buffering, batch blending and dosing: long-term storage without deterioration, balancing upstream/downstream supply, homogenizing batches and metered feeding. Auxiliaries: vibrators, discharge valves, load cells, breathing valves, level switches and fluidizers.

Flexible Selection: standard 200L–4000L with custom builds of 1–100m³; cylindrical, conical, square or rectangular designs per site and material; flanged inlet/outlet for flexible interfacing with feeding, conveying, weighing and packing equipment.

Key Features

- ◆ Standard 200L–4000L plus custom 1–100m³ large silos
- ◆ Polished internal walls with radiused transitions and no dead corners, anti-adhesion and easy to clean
- ◆ Cone angle designed around material flowability with arch-breaking devices for smooth discharge
- ◆ Optional weighing module for in-line metering and inventory management
- ◆ Optional vibrator / activation hopper / fluidizing plate / level switch / dust port
- ◆ Sealed against moisture and contamination; dust-explosion protection

Specifications

Volume (L)	Wall Thickness (mm)	Diameter (mm)	Height (mm)	Inlet	Outlet
200	2.5	600	850	DN125	DN150
400	2.5	800	1150	DN150	DN200
600	3	900	1350	DN150	DN200
800	3	1000	1450	DN200	DN200
1000	3	1100	1550	DN200	DN250
1200	3	1200	1635	DN250	DN250
1500	4	1200	1750	DN250	DN250
2000	4	1400	2290	DN300	DN250
3000	4	1500	2180	DN300	DN300
4000	5	1700	2315	DN300	DN300

※ Dimensions for reference; actual size per order. Large silos and special shapes are custom-built per project.

Optional Accessories

Vibrator

Activation Hopper

Weighing Module

Discharge Valve

Fluidizer

Level Switch

Breathing Valve

Dust Collection Port