



Assembly type hot-galvanized silo

Fabricated steel silo, which is a mechanical roll and molded into corrugated sheet punching, and use the electric torque wrench with high strength bolt assembly. The silo wall plate is corrugated type, which is galvanized sheet metal panels, its thickness is generally 0.8 ~ 4.2mm, and wall plates thickness up to 8.4 mm.

1.What is the Features of this assembly silo?

1.	Good air tightness ,High precision
2.	corrosion resistance
3.	High strength continuous spiral steel silo bite edge thickness is five times of the parent metal, Strengthen the resistance load capacity of steel silo.
4.	Short construction period, low cost
5.	long lifetime: 50-80 years, easy maintain
6.	High degree of standardization

1. Simply installation method: assembly.
2. Good tightness ,High precision
3. High strength: continuous spiral steel silo bite edge thickness is five times of the parent metal, Strengthen the resistance load capacity of steel silo.
4. Short construction period, low cost ,easy maintain
5. Good overall performance, long life, service can up to 30 years
6. Less foundation cost, light weight.



7. The silo is made of galvanized steel sheet 275g/m², 350g/m² and 400g/m² are options.

8. High degree of standardization. We make steel silos as per customer detailed requests

2. What is the Structural outline of this silo?

The structure consists of two parts: The body and the roof.

1. The Silo Body

Include the wall plate, column, manhole, roof ladders and so on.

(1) The wall plate

Our steel is hot galvanized, which makes it durable and weather resistant. Our advanced bolts with spherical washer and the resisting-worn rubber are used to ensure the tightness and using period.

(2) Column

The column, made by the Z-bar, is used to reinforce the silo body. It is connected by junction panels.

(3) Manhole and Roof Ladders

There are inspection door and ladders inside and outside the silo body. It is convenient and accessible for any maintenance work.

2. Roof

Roof is made up of radiated beam, roof cover board, tension ring, ventilator scoop, roof cap, etc.

The space age construction technology, which is adopted in the design of the silo framework, can ensure the stability of silo under the large span. There is a guardrail around the silo eaves and there is also a manhole on top of the roof.

3. What is the types of this assembly silo?

A. Hopper bottom: Steel cone base:

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The capacity is below 800t and the diameter is below 8.5m.

Steel cone base is composed of upright columns, annular girder, cone plates, tie pieces etc.

B. Cement cone base / Flat bottom:

The capacity is comparatively big and the diameter is below 12m, its base is general made into cement cone base.

When the silo diameter is more than 12m, because the cone base height is too big, its base generally made into half-cone base or flat base. Half-cone base cant completely unload the stuff. Flat base silo needs to unload stuff at multi-parts or equipped with a spiral silo cleaner.

Type	Flat Bottom Silo/ Steel conical silo/Cement conical silo
Material	Hot galvanized steel
Auxiliary System	Ventilation System
	Temperature Sensor System
	Fumigation System
	Thermal Insulation System
	Dedusting System
	Mechanical Equipment
	Steel Structure
	Air Compress System
Computerized Control System	
Characteristics	Different Storage Capacity Alternative



	Different Loading Capacity
	Complete Set of Dedusting System
	Remote Control
	Easy Installation and Maintenance

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2. **About the zinc coating per sqm available ?**

The silo is made of hot-galvanized steel sheet 275g/m², 350g/m² and 400g/m² are options.