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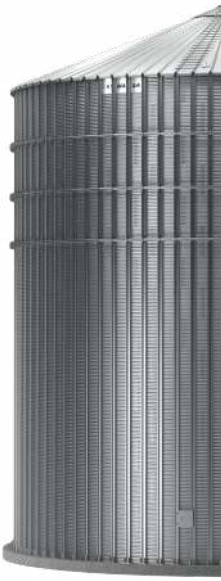
SILO

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Flat Bottom Silo

A Flat Bottom Silo is a large-capacity storage structure designed for long-term storage of bulk materials such as grains, seeds, feed, rice, wheat, maize, and other agricultural or industrial products. The silo features a flat base foundation, making it ideal for storing large quantities where mechanical discharge systems are used.



Key Features

- Suitable for **large capacity storage**
- Strong **galvanized steel construction** for durability
- Equipped with **aeration and temperature monitoring systems**
- **Sweep auger discharge system** for efficient unloading
- Ideal for **long-term storage applications**



Hopper Bottom Silo

A Hopper Bottom Silo is a storage silo designed with a conical (hopper-shaped) bottom, allowing stored materials to discharge easily through gravity. This design eliminates the need for manual cleaning and makes the unloading process faster and more efficient.



Key Features

- **Cone-shaped hopper bottom** for smooth material flow
- **Gravity discharge system** for easy unloading
- Elevated structure for **direct loading into conveyors or trucks**
- Ideal for **frequent material handling operations**
- Strong **galvanized steel construction**

Technical Features

Capacity

1000

1500

2000

2500

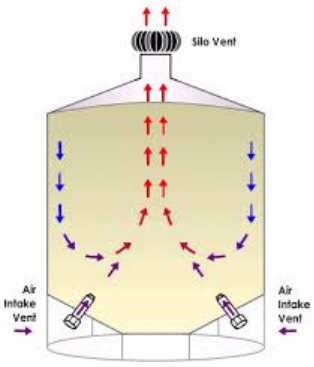
3000

3500



Galvanized Coating In Silos

Galvanized coating provides a protective zinc layer on steel components to prevent rust and corrosion. This ensures the silo structure remains durable and resistant to harsh weather conditions. It significantly increases the lifespan of the silo and reduces maintenance requirements.



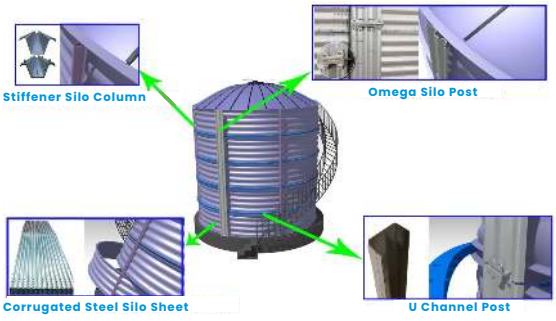
Ventilation

Ventilation systems allow proper airflow inside the silo to control temperature and moisture levels. This prevents condensation and reduces the risk of spoilage, mold, or insect infestation. Efficient ventilation ensures the stored product remains fresh and stable.



Fabrication

Silo fabrication involves precision manufacturing of steel panels, structural components, and support systems. High-quality fabrication ensures strength, stability, and accurate assembly of the silo structure. Proper fabrication guarantees long-term performance and safety.



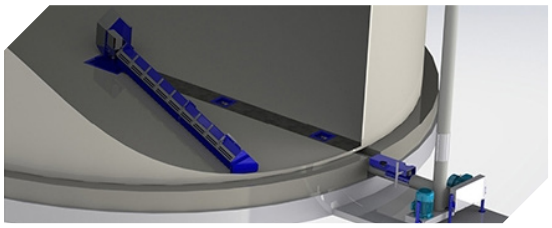
Corrugation

Corrugation refers to the wavy or ribbed design of steel silo panels. This structure increases the strength and load-bearing capacity of the silo walls. Corrugated sheets also help distribute pressure evenly from stored materials.



Waterproofing

Waterproofing systems protect stored materials from moisture, rainwater, and humidity. Proper sealing of roof joints, sidewalls, and connections prevents water infiltration. This helps maintain the quality and safety of grains or bulk materials stored inside the silo.



Sweep Auger

A sweep auger is a rotating mechanical device used to discharge materials from flat bottom silos. It moves stored grain or bulk materials toward the central outlet during unloading. This system helps empty the silo efficiently with minimal manual effort.



Temp Monitoring

Temperature monitoring systems continuously track the internal temperature of stored materials. Sensors installed inside the silo help detect heat buildup that may lead to spoilage or deterioration. This allows operators to take preventive action and maintain product quality.

Silo Flow Meter

A Silo Flow Meter measures the quantity and flow rate of bulk materials being discharged from a silo. It provides accurate monitoring of material movement during loading or unloading operations. This helps improve inventory control, process efficiency, and operational planning.





Chain Conveyor

A Chain Conveyor is a robust material handling system used to transport bulk materials horizontally within grain storage or processing facilities. It uses a continuous chain with paddles to move materials smoothly along an enclosed trough. Chain conveyors are ideal for handling large volumes with reliable and consistent flow.

Elevator & Tower

An Elevator & Tower system is used to vertically transport bulk materials such as grains, seeds, or pellets to higher levels of the storage facility. The bucket elevator lifts materials efficiently and delivers them into silos, conveyors, or processing equipment. The tower structure supports the elevator and provides safe access for maintenance and operation.



GATES



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