

Integrated turnkey solutions for agriculture,
grain, food, and cold chain industries.



STEEL SILO SYSTEM

PROJECTS
WORLDWIDE



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GRAIN SILO



Hopper Silo

- Volume: 5~2,000MT (0.75t/m³);
- Diameter: 3.6~12.8m;
- Hopper angle: 40°, 45°, 50°, 55° ;
- Steel grade stamps: SGH340,SGH440,Q235,Q355;
- Coating: Z275, Z350, Z450, Z600 and “310g/m² , 350g/m² Magnesium+ Aluminum+Zinc”;
- 8.8, 10.9 grade bolt.

Flat Sottom Silo

- Volume: 5~16,000MT (0.75t/m³);
- Diameter: 1.8~32.1m;
- Coating: Z275, Z350, Z450, Z600 and “310g/m² , 350g/m² Magnesium+ Aluminum+Zinc”;
- Steel grade stamps: SGH340,SGH440,Q235,Q355;
- Stiffener: “W” type;
- Standard auxiliary: Manhole, ladder, handrail, natural vent, clearance platform, maintenance platforms, big gate and guardrails;
- Optional auxiliary: Material level detection (high and low); temperature measuring system, fumigation system (closed silo), full intellegent level monitering system, silo body insulation;
- 8.8, 10.9 grade bolt.

CONVEYING EQUIPMENT

Bucket Elevator

Features

- Low noise and good sealing;
- Electrostatic spraying or galvanized;
- Oil proof, waterproof fame retardant EP tape;
- Polymeric polyethylene bucket, light weight, strong and durable;
- Equipped with anti-deviation, stall and anti-reverse devices;
- Screw or gravity tension;
- Equipped with explosion vent.



Belt Conveyor

Features

- Low noise and good sealing;
- Electrostatic spraying or galvanized;
- Oil proof, waterproof flame retardant EP tape belt;
- Polymeric material bucket, Light weight, strong and durable;
- Equipped with anti-deviation, stall and anti-reverse devices;
- Screw or gravity tension.



Chain Conveyor

Features

- Small volume, low noise and good sealing;
- Electrostatic spraying or galvanized;
- Equipped with anti-block device;
- UHWPE scraper.



DRYER EQUIPMENT

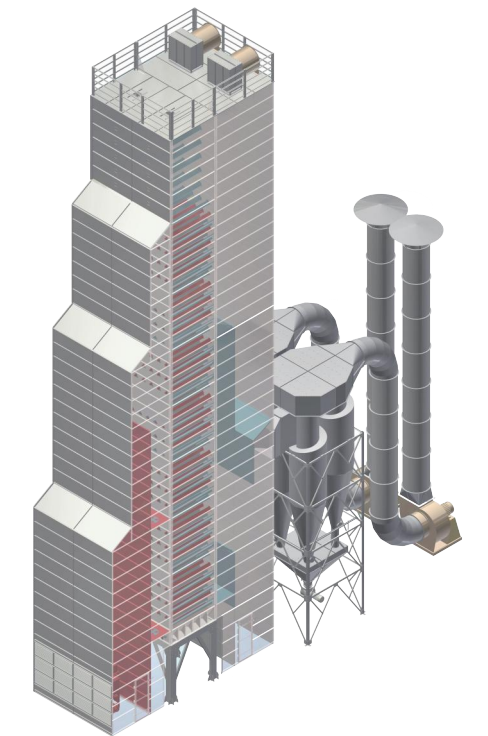


The multi-layer angular air inlet and outlet structure can be installed and used in multiple sections.

Batch processing capacity: 10T/B-50T/B;
Moisture reduction rate: 0.8%/h~1.5%/h;

Large continuous dryer utilizes a negative pressure drying process with integrated air heating, drying and dust removal in a fully a galvanized steel or stainless steel steel bolted structure.

Capacity range of 100~1000 tons/day with adjustable moistureim reduction of 2~20%.
Suitable for corn, wheat, paddy, soybean, rapeseed, seed and more.



APPLICATIONS



Steel structure



Feed



Oil



Flour



Starch



Ethanol



Brewry



Rice