

THEREC ENGINEERING & CONSULTING CO.,LTD.

THEREC PROCESSING MACHINE CO.,LTD



Big Bag Filling & Unloading Station

High Pressure Blower

Bulk Material Handling Machine & Accessories

Vacuum pump

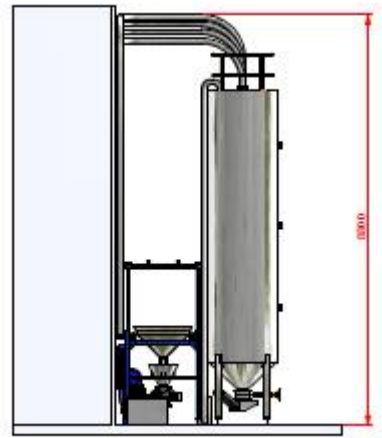
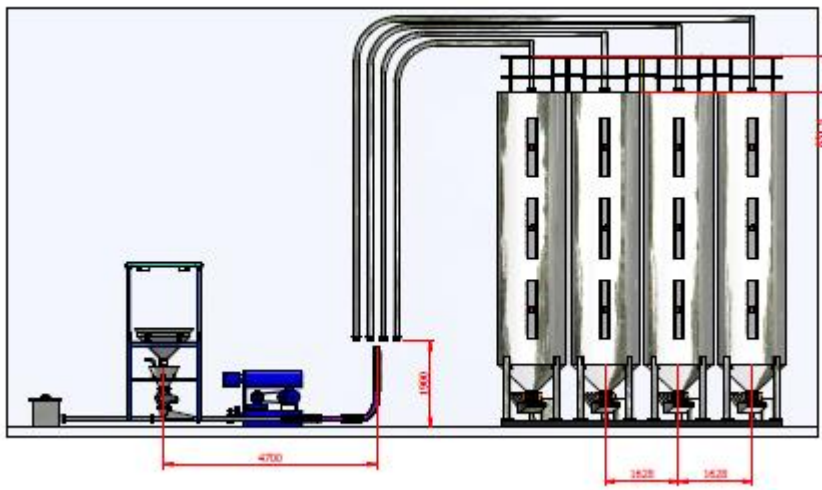
Small bag & Tote Bin Dumping Station

Material handling fan & blower

Size reduction and classification machine

Dust explosion control equipment

Silos System



Picture from the existing line of Precision plastic



Rotary & Diverter Valve

Stainless Steel Hopper & Silo

Lump Breaker / Lump Crusher

Stainless Steel Cyclone & Receiver

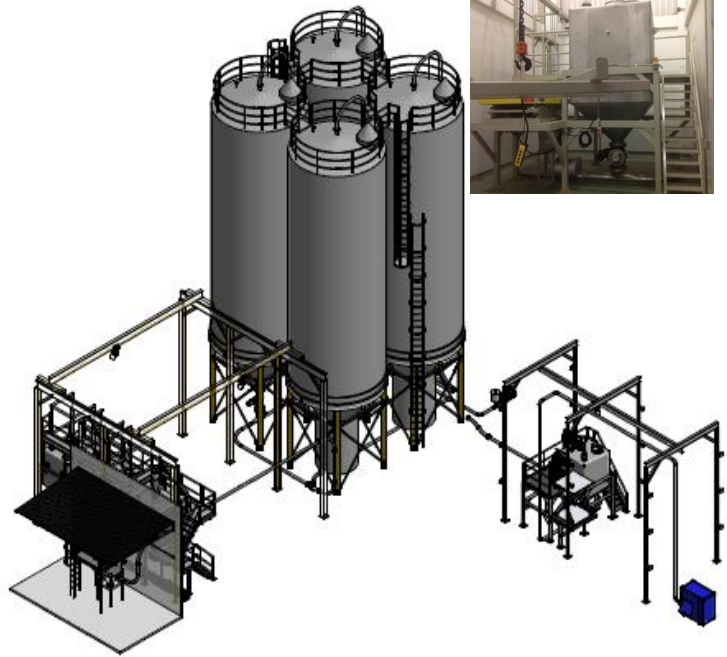
Food Grade Screw Conveyor

Stainless Fabrication Work

Therec Engineering & Consulting Co, Ltd. www.thereceng.com
Tel (662) 893 9003-4 (5 lines) Fax : (662) 893 9005 ,893 9178
88 Soi Karnjanapisek 4/2 Karnjanapisek Rd. Bangbon Bangkok 10150
Thailand
General product Therec 01 / 2016



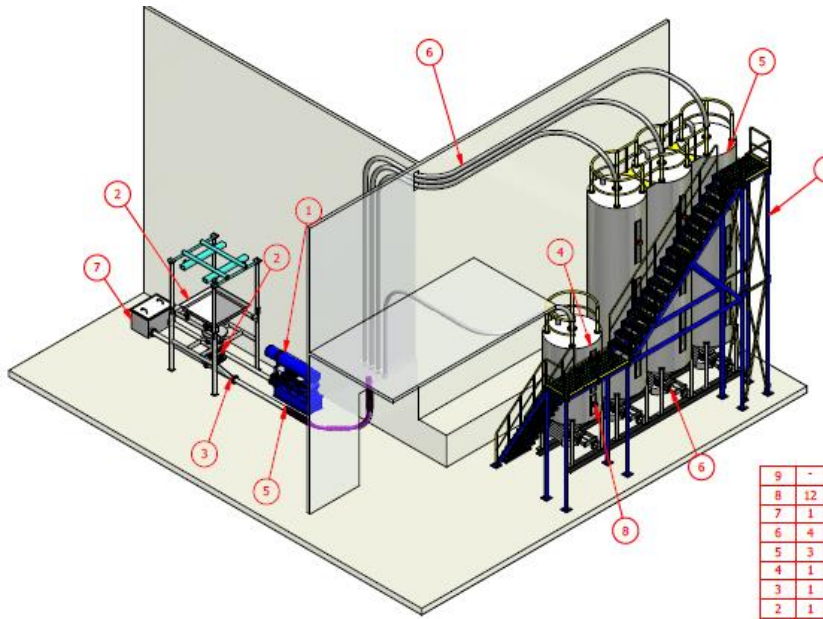
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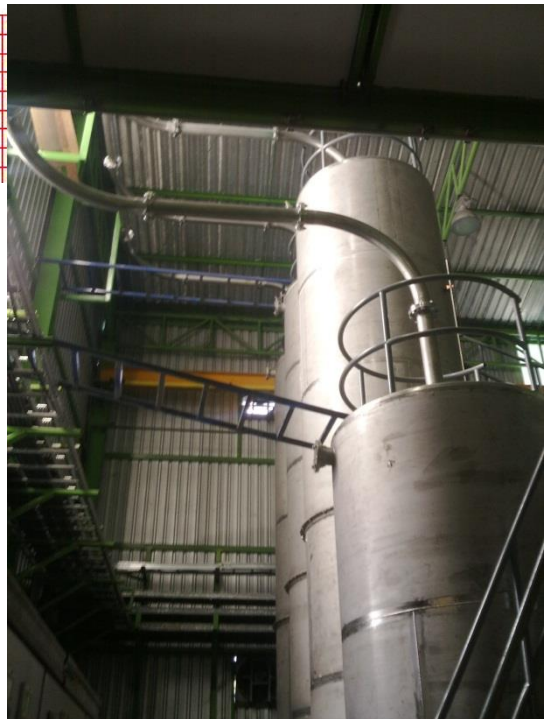
Silos loading system (PE Pellet) CNC International (CPPC group)

The total system consisting of :

- 1 of 5.0 tons Pneumatic conveying systems
- 1 of 1.0 tons Pneumatic conveying systems
- 1 of Big bag unloading stations, 1 rail, 1 hoist operated, 2,000 litre hopper
- 5 of Big bag unloading stations, 1 Overhead Crane operated, 6,000 litre hopper
- 1 of High pressure ring blower 7.5kw / 10.0 hp
- 1 of High pressure roots blower 37.0kw / 50.0 hp
- 1 of Heavy duty air lock rotary valves , Stainless steel 304 , 10.0 inches
- 4 of Medium duty air lock rotary valves , Stainless steel 304 , 6.0 inches
- 4 of 200 m³ (100 tons) J&D Aluminium knock down silos
- 4 of 200 tons load cell set
- 1 of Electrical control box, with SEMENS LOGO PLC



9	-
8	12
7	1
6	4
5	3
4	1
3	1
2	1
1	1

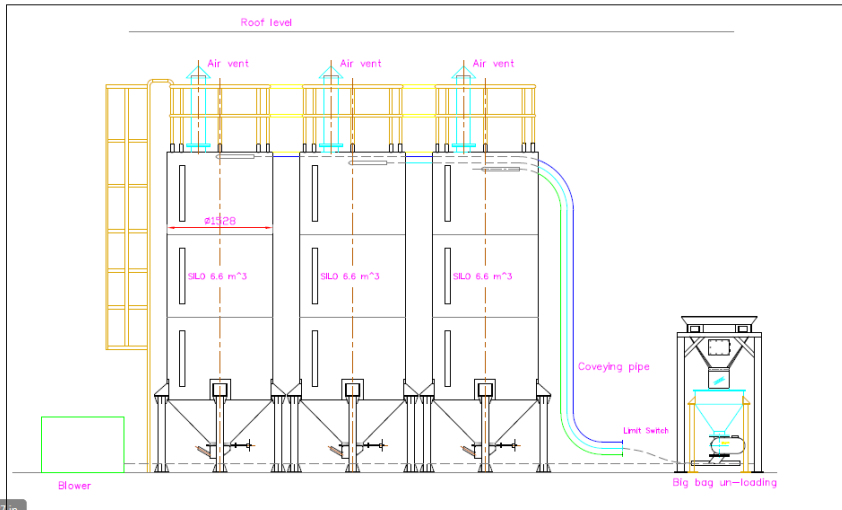


Sea Bulk loading system (PE Pellet) SCG Chem (TPC) Warehouse

The total system consisting of :

- 1 of 7.0 tons Pneumatic conveying systems
- 1 of Big bag unloading stations, fork lift operated, 50 litre hopper
- 1 of High pressure Roots blower 18.5 kw / 25.0 hp
- 1 of Bag filters for dust controlling system, with 1,300 m³ centrifugal fan
- 1 of 4.0 m³ Stainless steel silos
- 3 of 8.0 m³ Stainless steel silos
- 1 of Heavy duty air lock rotary valves (powder valve), Stainless steel 304
- 1 of Electrical control box, with SEMENS LOGO PLC

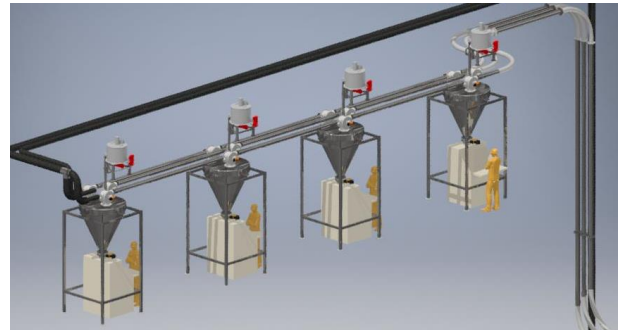
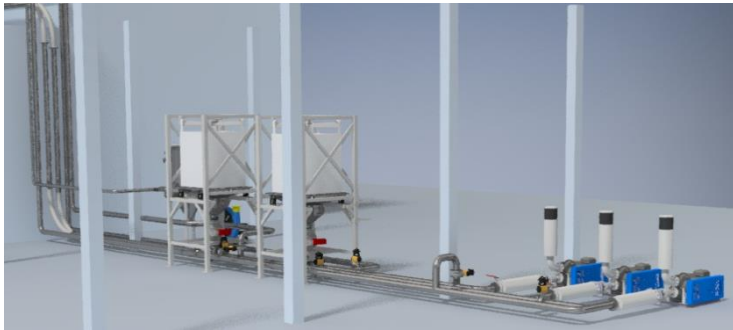
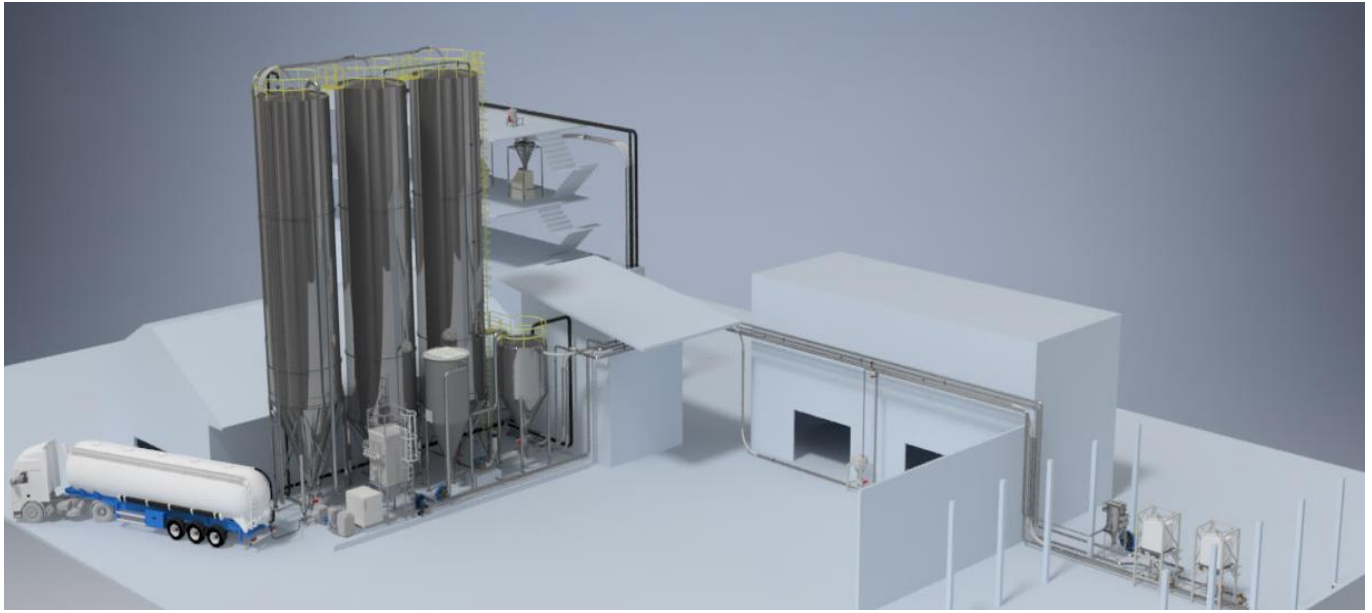
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Sea Bulk loading system (PE Pellet) SCG Chem (TPC) Warehouse

The total system consisting of :

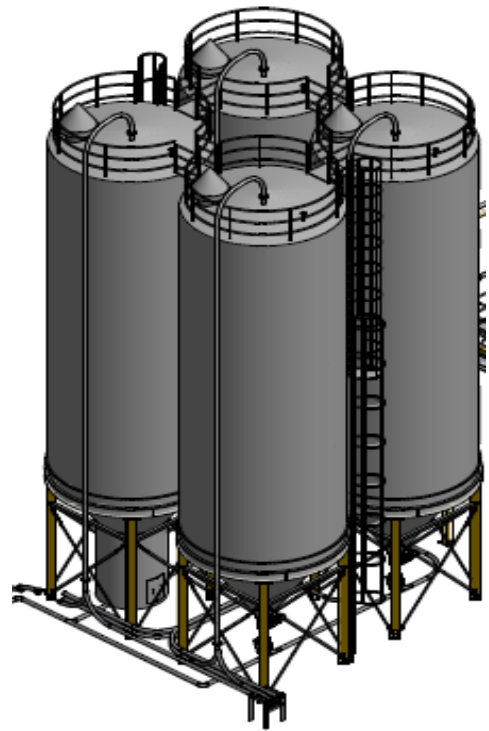
- 1 of 6.0 tons Pneumatic conveying systems
- 1 of Big bag unloading stations, Swing arm hoist operated, 50 litre hopper
- 1 of High pressure Roots blower 15.0 kw / 20.0 hp
- 4 of 7.0 m³ Stainless steel silos
- 1 of Heavy duty air lock rotary valves (powder valve), Stainless steel 304
- 1 of Electrical control box, with SEMENS LOGO PLC



PVC pipe (PVC resin, PVC scrap and CaCa_3) processing system

The total system consisting of :

- 3 of 200.0 m³ Stainless steel AISI304 Silos
- 1 of 20.0 m³ Stainless steel silos
- 4 of 1.0 m³ Carbon steel weighting hoppers
- 1 of 300 kg Weighting system for 3 types of raw material to 4 ribbon mixers with 10 formulas of raw material mixing , automatic memories operation with adjustable page ,allow only the authorized person with pass word add and renew
- 5 of 5.0 tons Pneumatic conveying systems
- 2 of Big bag unloading stations
- 4 of High pressure Turbotron blowers 30 kw
- 1 of Truck blower for bulk truck to silos 50 kw
- 7 of Heavy duty air lock rotary valves , Carbon steel body with hard chromed
- 12 of Scale valves for Weighting system
- 4 of Volumetric dosing machine/ with dosing rotary valves
- 2 of Bag filters for dust controlling system, with 3,500 m³ centrifugal fan
- 1 of Electrical control box, with SEMENS S7 1200 PLC with PROFACE touch screen , suitable for full automatic operation and SCADA system requirement



Silos Weighting system (PE Pellet) CNC International (CPPC group)

The total system consisting of :

- 4 of 200 m³ (100 tons) J&D Aluminium knock down silos
- 4 of 200 tons load cell sets, Thames Sides Sensor , Smart Indicator , Junction box and Low profile mounting load cell assemble set
- 1 of Electrical control box, with SEMENS LOGO PLC



Low profile mounting assembly
Atex & IECEx Certification



Install and Removal
without lifting tool



Silo mount

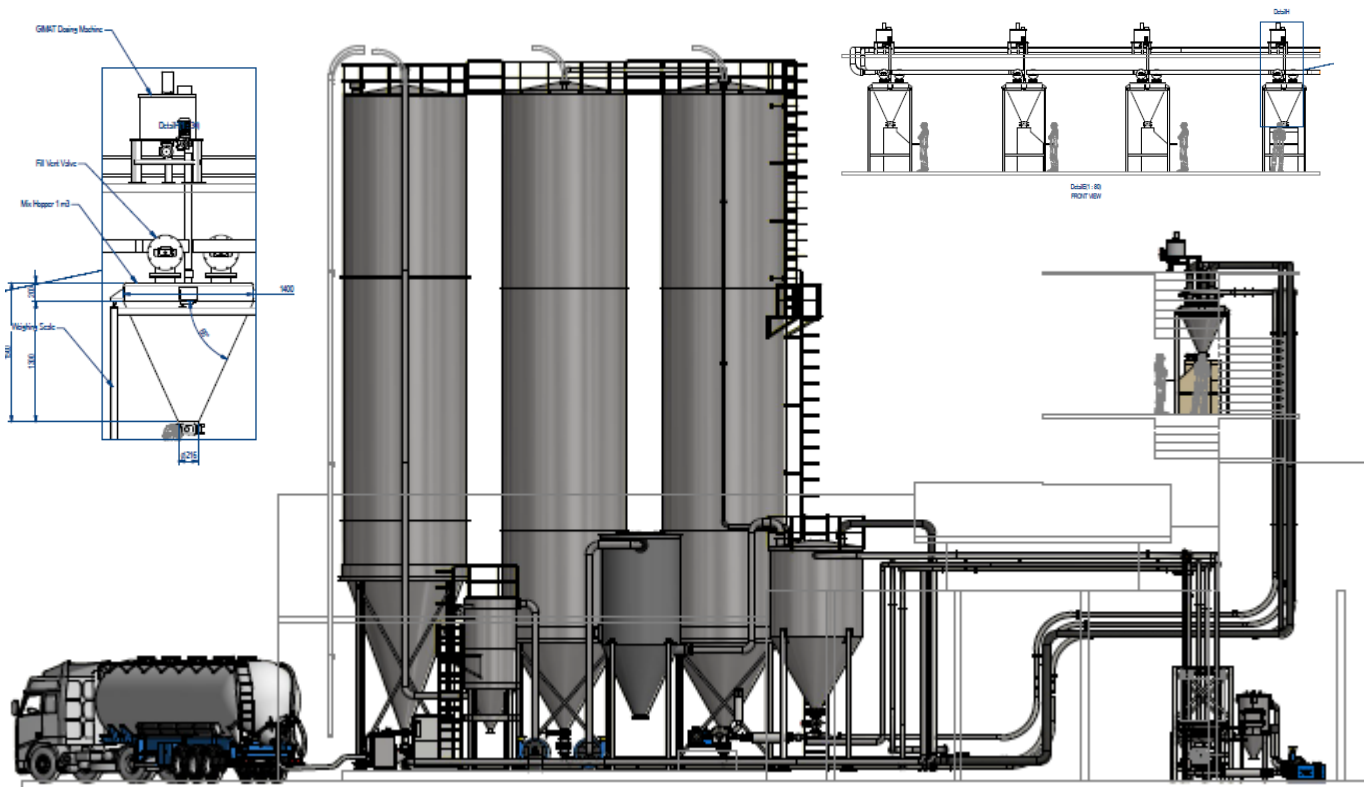


Smart Digital
Display



Junction box

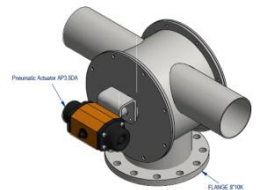
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Silos Weighting system (PVC powder & Calcium Carbonate Powder) Saha Area , Twin Lion brand PVC pipe factory

The total system consisting of :

- 3 of 200 m³ (100 tons) Stainless Steel 304 silos
- 1 of 20 m³ (12 tons) Stainless Steel 304 silos
- 4 of 200 tons load cell sets, Thames Sides Sensor , Smart Indicator , Junction box and Low profile mounting load cell assemble set
- 4 of 1.0 m³ (350 kg) Stainless Steel 304 silos
- 4 of 1200 kg load cell sets, Thames Sides Sensor , Smart Indicator , Junction box and Lever mount load cell weighting assembly
- 12 of Scale valves size 4.0"
- 1 of Electrical control box, with SEMENS S7 1200



Low profile mounting assembly
Atex & IECEx Certification



Install and Removal
without lifting tool



Silo mount



Smart Digital
Display



Junction box



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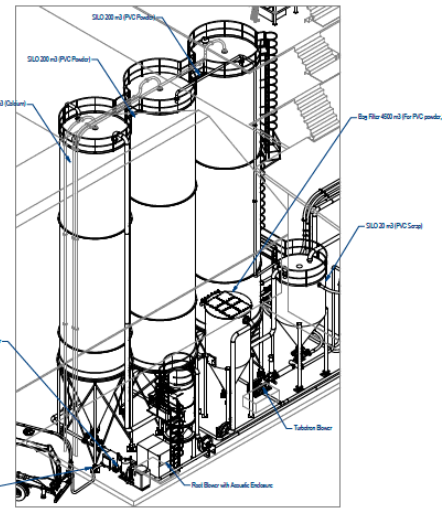
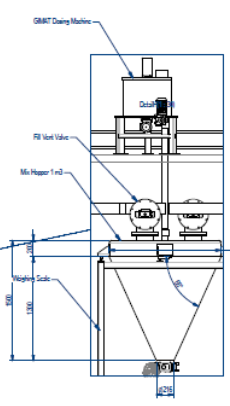
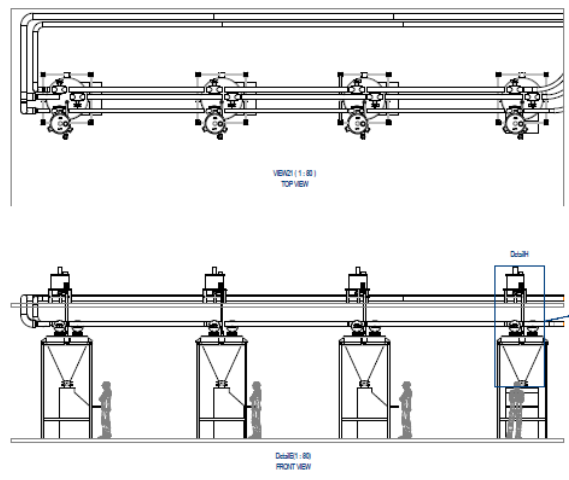
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- Big Bag Filling & Unloading Station
- Bulk Material Handling Machine & Accessories
- Small bag & Tote Bin Dumping Station
- Size reduction and classification machine

- High Pressure Blower
- Vacuum pump
- Material handling fan & blower
- Dust explosion control equipment

Weighting System



Picture from the existing line of Precision plastic



- Rotary & Diverter Valve
- Lump Breaker / Lump Crusher
- Food Grade Screw Conveyor

- Stainless Steel Hopper & Silo
- Stainless Steel Cyclone & Receiver
- Stainless Fabrication Work

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