

Solid Bulk Material Handling Solution in Bakery and Confectionery Industry



Raw Material Handling

Raw material like Wheat Flour and Sugar receives in Bags. Accordingly, unloading station provided for charging the Bags. Pneumatic Vibrator offers smooth discharge of material.

Silo Storage and Tanker Unloading System

Wheat Flour tanker will be discharged pneumatically. Storage Silos are designed to maximize space, efficiency, & sanitation, while minimizing cost and product contamination.

Sieving/Shifter

Gyro shifter will remove the foreign particles from the raw material and feed the specific particle size normally 30-40 Mesh for further processing.

Grinding

Grinder grind the crystal sugar in the fineness range of 80-200 MESH. Dehumidified air is used to avoid stickiness & lump formation.

Dilute Phase conveying system (Vacuum Conveying)

This system facilitates conveying of materials from Grinding machine and Vibro sifter to storage hopper. This closed loop conveying causes no material spillage and dust nuisance.

Storage Hopper with Dust separation unit

Wheat flour & fine sugar is stored in storage hoppers. Dust filters ensuring no dust emission.

Weighing and Batching

Precise quantity of material is discharged into dough mixers with automation & accuracy of 99.99%..

Mixing & Blending

We offer Dough Mixer/ Plough Shear Mixer to mix Wheat flour, Fine sugar, Vegetable Oil and other minor ingredients for Dough preparation.

Control & Monitoring

Various control systems based on SCADA, PLC, MCC etc. used for accurate field monitoring.

Safety and Hygiene

Safety achieved by devices like rupture disc, explosion protection valves, isolation valves etc.

Benefits:

- Safe and Hygienic
- Dust free work environment
- No product degradation & segregation
- Efficient & Effective Material handling
- Flexible to route piping as per the site suitability

Features:

- Safety compliance of GMP, HACCP, BRC
- Flexible design
- Complete Automation
- Advance control system

Application:

- Wheat flour
- Crystal & fine sugar
- Sugar Syrup
- Maida
- Fat & Butter
- Vegetable Oil



Contact Us

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