



FEED MILL FACTORY

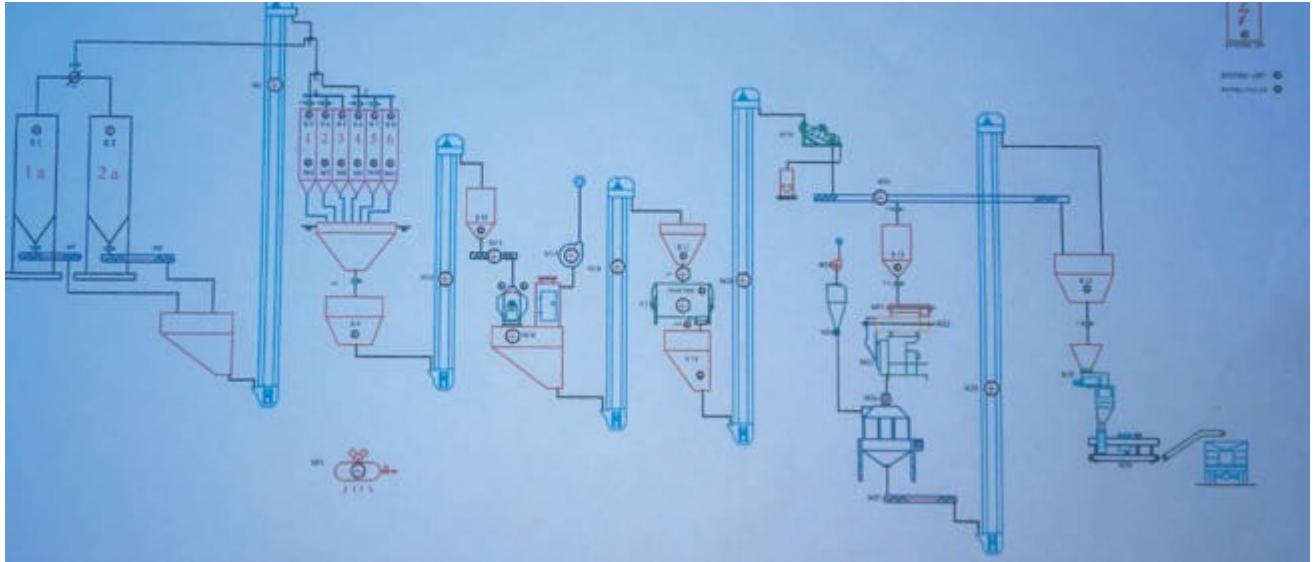


FEED MILL AUTOMATION

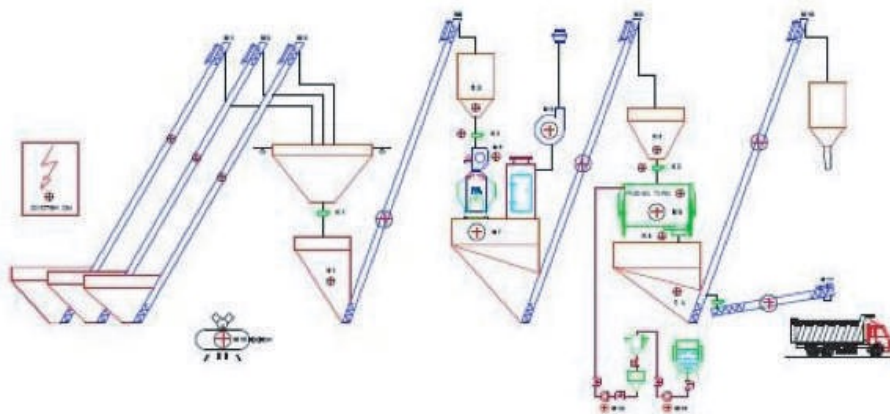
Starting from the raw material purchasing group, the mimic diagram of all parts of the feed factories such as dosing, crushing, mixing, molasses layer can be viewed on the computer screen, and the facilities are controlled at every point with the software made in accordance with the process and needs. In this way, full automatic operation of the factory is ensured.



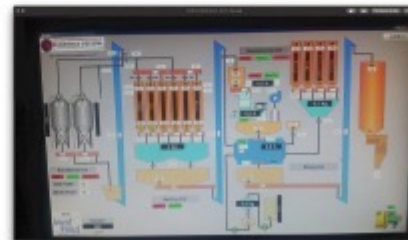
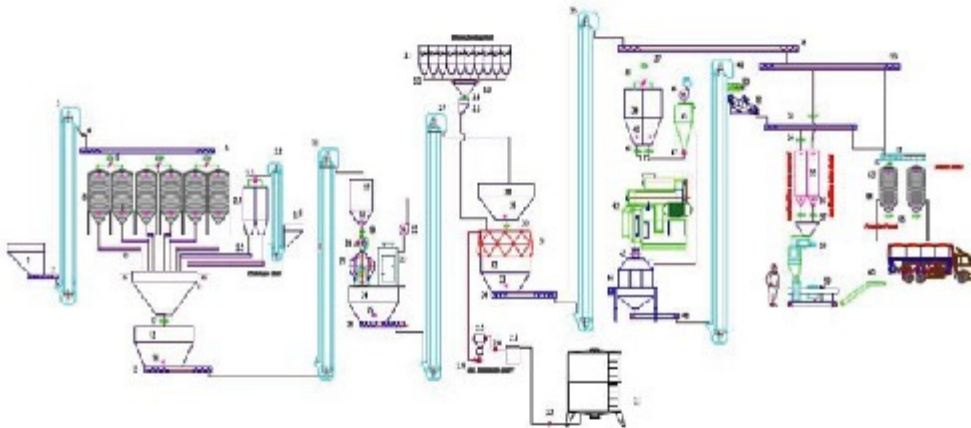
FEED MILL FLOW DIAGRAM



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FEED MILL MICRO DOSING FLOW DIAGRAM



MICRO DOSING UNIT

WHAT IS MICRO DOSING?

Micro dosing system is a solution method that helps to analyze whether the mixture is compatible with each other in a mixer. In addition, one of the most important features of micro dosing is that it is a 'recipe-based' system. Micro dosing system is different from solid liquid and dosing systems. The sensitivity, on the other hand, changes in direct proportion to the granule structure and operation time of the materials to be micro dosed.

WHERE IS MICRO DOSING USED AND WHAT KIND OF METHOD IS IT?

Micro dosing is frequently used in many fields such as medicine, food, mining and chemical industry. With the developing production technology, companies are constantly reviewing their production quality and cost situations in order to gain an advantage in the competitive environment. This consists of mixing different products from each other and brings with it research and development to determine the mixing ratios. Among the tasks of automation is to ensure the production at the determined rate. Some of the quality and cost elements are realized by "modernization". As a result, the micro dosing system is one of the solutions offered by many companies today.

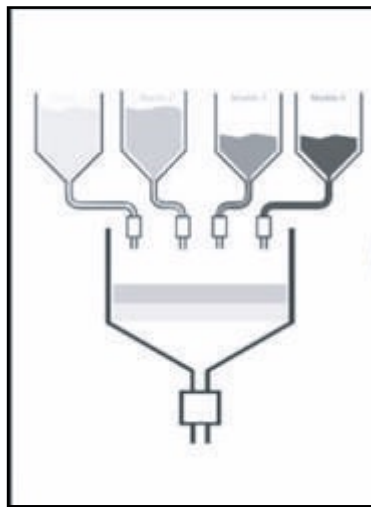
MICRO DOSING UNIT



DOSING

The food sector, like other fields of the FMCG sector, is undoubtedly one of the sectors where competition is the fastest and will continue to be. The most intense applications related to our topic to increase competitiveness:

- Product transfers
- 1. Feeding the products to the next stage of the process,
- 2. To position and change products according to process requirements,
- 3. Managing product flow, changing speed, flow and direction
- Packaging stages, packaging, boxing and pallet operations
- Preparing multiple product groups for various promotional campaigns (handling)
- Operations that should not be in human contact due to hygiene
- Extreme cold/hot zone operations



The dosing system is the system used to mix a certain amount of additive with the main raw material.

WHAT SERVICES DOES RAW MATERIAL DOSING AND FEEDING SYSTEMS COVER?

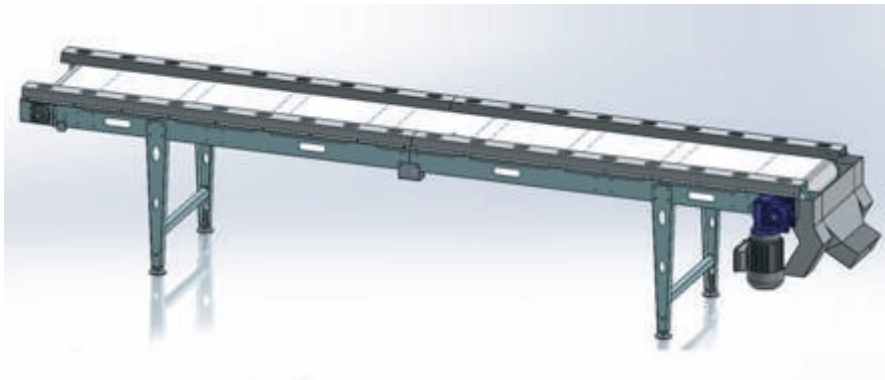
1. Provides production line feeding and applications services.
2. Provides reactor tank feeding systems service.
3. Provides chemical injection systems to liquid and gas processes.
4. It provides the services of feeding the materials in the big bag to the process.

FOOD CONVEYOR

Conveyors suitable for food are composed of 2 main headings: PVC belt conveyors and modular belt conveyors. In food conveyors, it is diversified as straight conveyor line, 45 degree turn conveyor line, 90 degree turn conveyor line and 1800 degree turn conveyor line.

Food conveyors should be preferred with stainless steel chassis and should have adjustable speed.

Since food products such as chocolate, biscuits and dough come into direct contact with the belt, a belt system suitable for food should be chosen.



Modern food technology deals with the production processes, systems and structures of foodstuffs. The target is often; making the best use of raw materials consisting of agricultural products and transforming these raw materials into foodstuffs of high quality and safety standards in industrial processes. The modern food technology and high automation used meanwhile ensure that foodstuffs can be delivered to the society in an efficient, safe and uninterrupted manner. Technologies used in almost every phase of the process, from production to processing, from transportation to storage and receipt by the end consumer, are advancing day by day.



FEED SILO'S

Feed silos; They are the most ergonomic feed storage tools you need. By protecting the feed against all kinds of dangers; It helps you get maximum efficiency.







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