

CHONGSIEN - - -

DRY MORTAR PLANT SOLUTIONS PROVIDER

Professional · Experienced · Innovative · We Do Better

Introduction

CHONGSIEN Machinery Tech is a comprehensive company, integrating Dry Mix Mortar Plant Design, Manufacturing, Guiding Installation, Commissioning and Training into one whole.

THROUGH keeping a perennial close cooperation with world Famous company on technology; has equipped **CHONGSIEN** with professional manufacturing practical experience and extensive know-how, built a solid foundation for scientific research power; With years of successful supplies of multiple Turn-key projects with different requirements for customers in domestic and abroad, **CHONGSIEN** have gained a good reputation from them due to good customer-satisfactory lines and services.

SOLUTIONS provided by **CHONGSIEN** are characterized by High Technical Contents, reasonable outfit, Compact structure, Easy-to-Operate and Maintenance as well as Low Cost investment; **CHONGSIEN** can also meet your requirements for tailor-made designs.

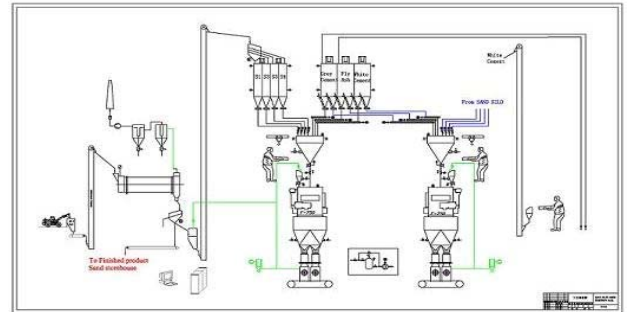
We are specializing in:

- Dry-Mixed Mortar Plant
- Special Type Mortar Plant
- New Type Thermal-Insulating Mortar Plant

What we offer:

Plant & Process Design
Machinery and Fitting
Turnkey Project
Old Plant Renovation
Plant Building Guiding and Training
Recipe Formulation
Bulk Packing
Operating Equipment

Your Ideal Partner for Turnkey Solutions . . .



Xuzhou **Chongsien Machinery Technology Co., Ltd** situated in Xuzhou which is famous for its substantial foundation on machinery technology in china; our tech and expertise ensure us to design and install turnkey dry mortar plant; our service team is on hand after the cooperation with your esteemed corp.

Our Expertise is applied to our clients' precise needs to enhance their competitive strength. Our abundant know-how tailor-made to meet our clients, provide a complete solution.

Whether it is silos for storage or mixing, mechanical or pneumatic conveying systems, mixers, packers or loading systems.



Fluidization System and Dosing System with Double Flap Valve



The Up-to-Date Tech Fluidization System

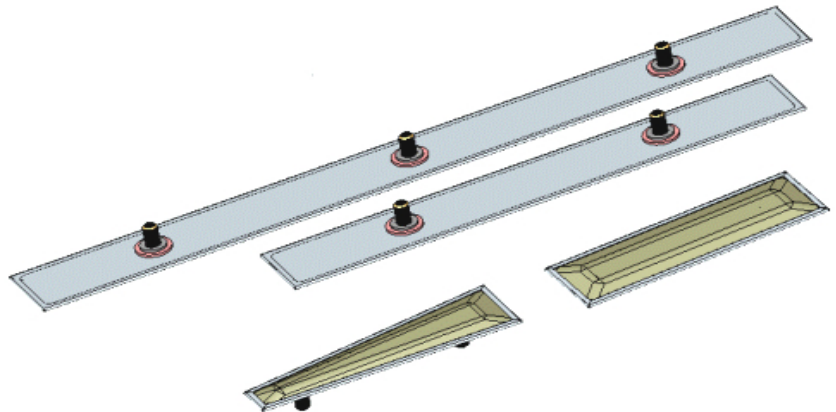
Of the discharging material fluidization system, efficient fluidization is achieved by using compressed air in small quantities, evenly distributed, through specially designed fluid elements in the conical section of the silo. This design improves the fluidity of the material, creates the pipelines transport of the material, makes the system compact, easy to install, good pressure and no material remains pollution.

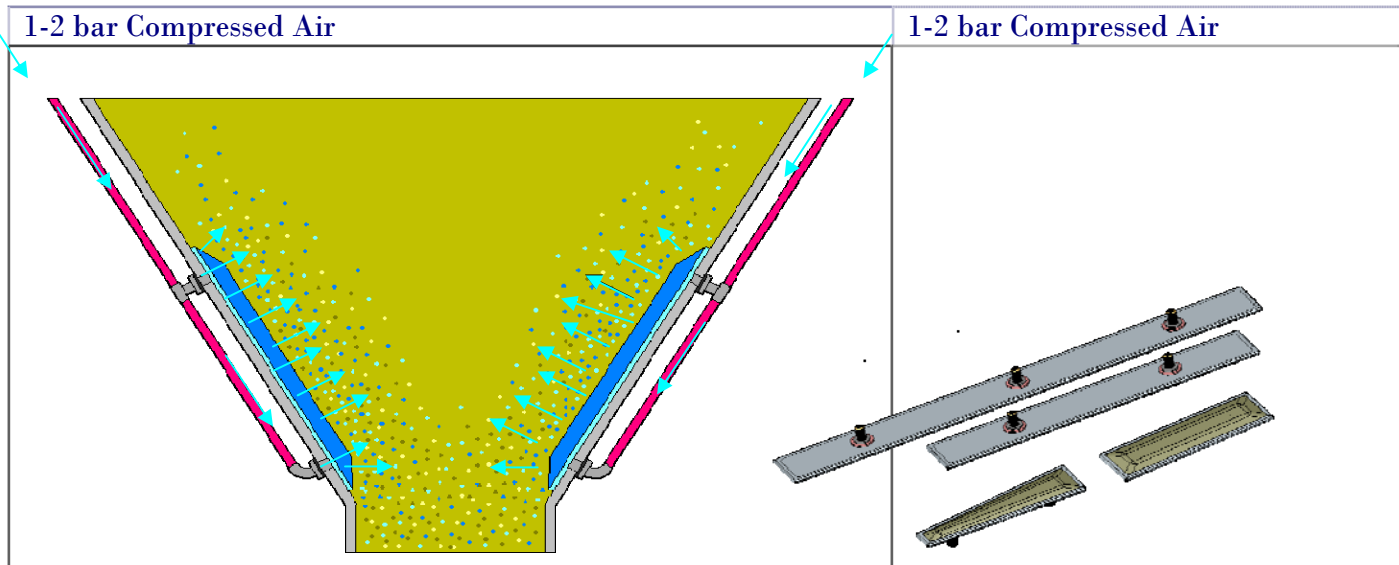
Fluidization Principle

This design is to lead the air into the silo via fluidization plates which are divided into modules. Each module air supply is controlled by an orifice (a fixed tiny hole) that will restrict the air consumption below a certain level also if there is no power preventing the air flow. The even power discharge will enable us to dose the fluidized power almost in the same way as a liquid, using a valve.

Of course the powder will never behave exactly like a liquid and therefore we have developed a special double flap valve to give better outlet geometry during fine dosing.

- 1、 Lower the friction between the silo wall and the powder.
- 2、 Lower the friction between the particles in the powder, in the specific region where the material flow is desired.
- 3、 Keep the fluidization process under control.

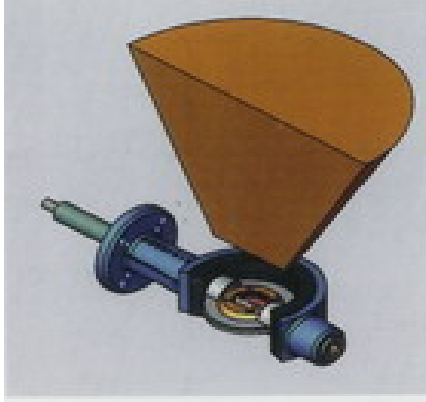
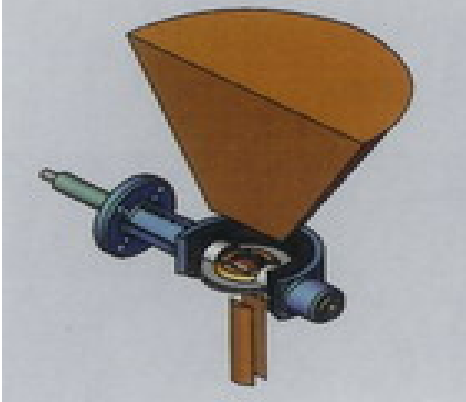
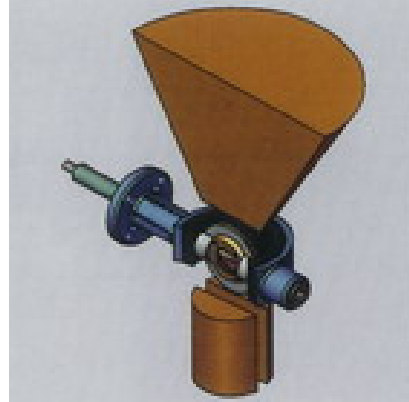


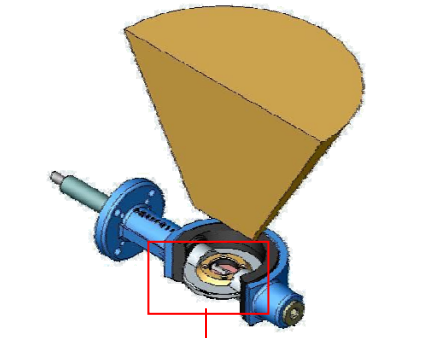

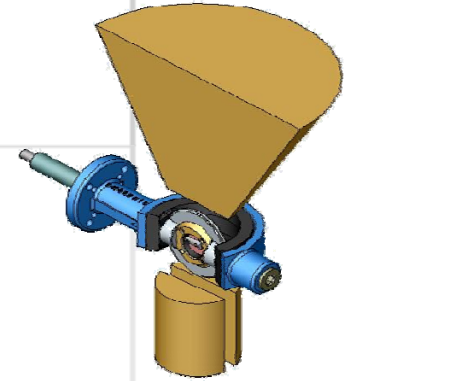
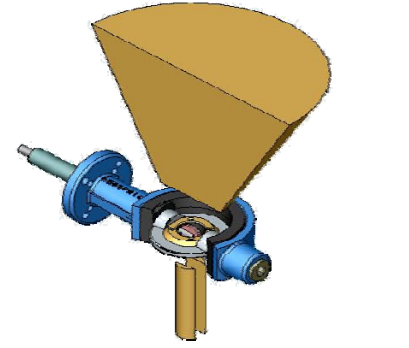


High Accuracy and Speed in Dosing, Weighing and Mixing

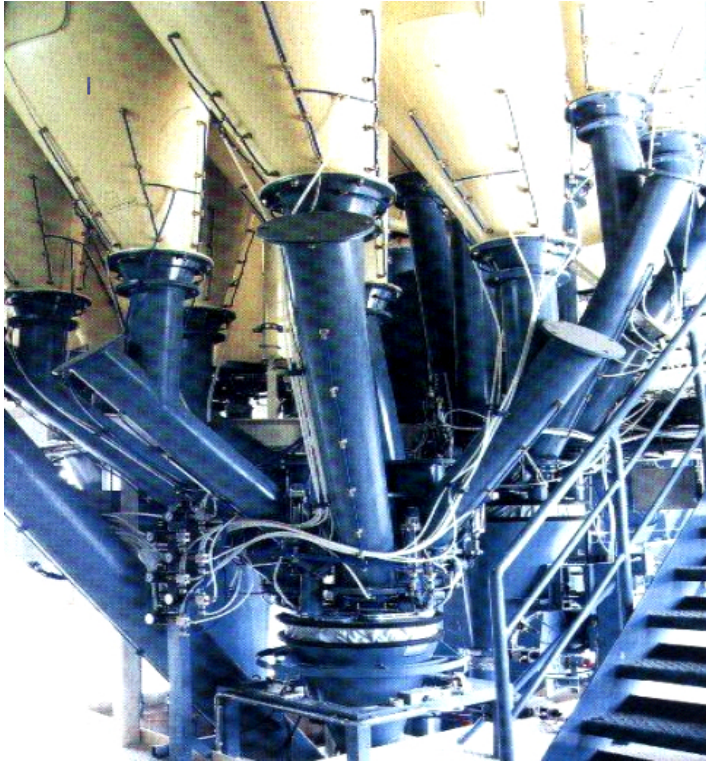


Double Flap System

		
<p>System Closed</p>	<p>Small Built-in Valve is Operated For Accurate Feeding</p>	<p>Double Valves are Opened For Coarse Feeding</p>

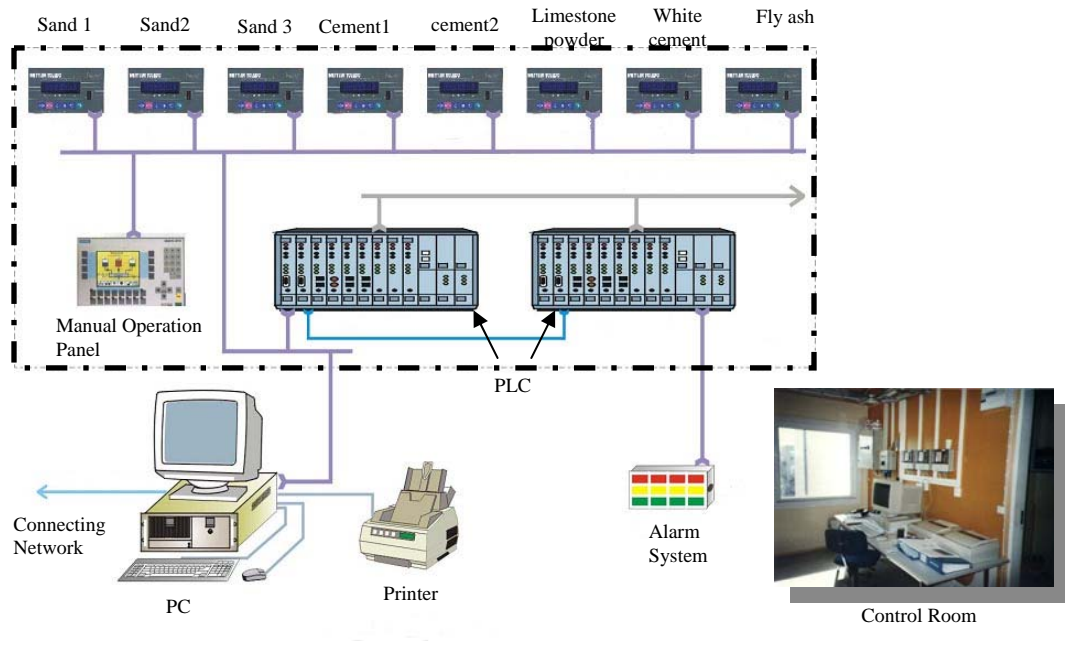
	<p>System Closed</p>	
 <p>Small Built-in Valve</p>	<p>Double Valves are opened</p>	<p>Small Built-in Valve is opened</p>
		

the Fluidization System Combined with the Double Flap as
Dosing Device Gives Several the Benefits :



- High accuracy combined with high dosing speed.
- Reliable and easy to clean
- Low maintenance need
- Fast and easy change of dosing device.
- Few spare parts needed.
- Non abrasive handling of raw materials.
- Compact layout of the production process.

Control System



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