

HCS17B Cement Silo and LMA30 Automatic cement mortar grout mixing plant

1. Description

HCS17B Horizontal Cement Silo is designed based on 20ft container size. It can be stored directly in a standard container. Save shipping costs. More container silos can be stacked together to work.

LMA30 Automatic cement mortar grout mixing plant is mainly conceived to obtain, through a high turbulence mixing of water and cement powder, a cement mixture (cement grout), or, by using water and bentonite powder, a bentonite slurry for plastic mud. Also the preparing of ternary or quaternary compound mixing is possible, with either one or two liquid components and one solid components (for every screw conveyor).

The cement mixture or the bentonite slurry is then transferred to the other units, according to the type of foreseen geotechnical machines.

Mixing Plant can be work under Container Silo. 20ft and 40ft container silo both are provided.

2. Features



CEMENT SILO

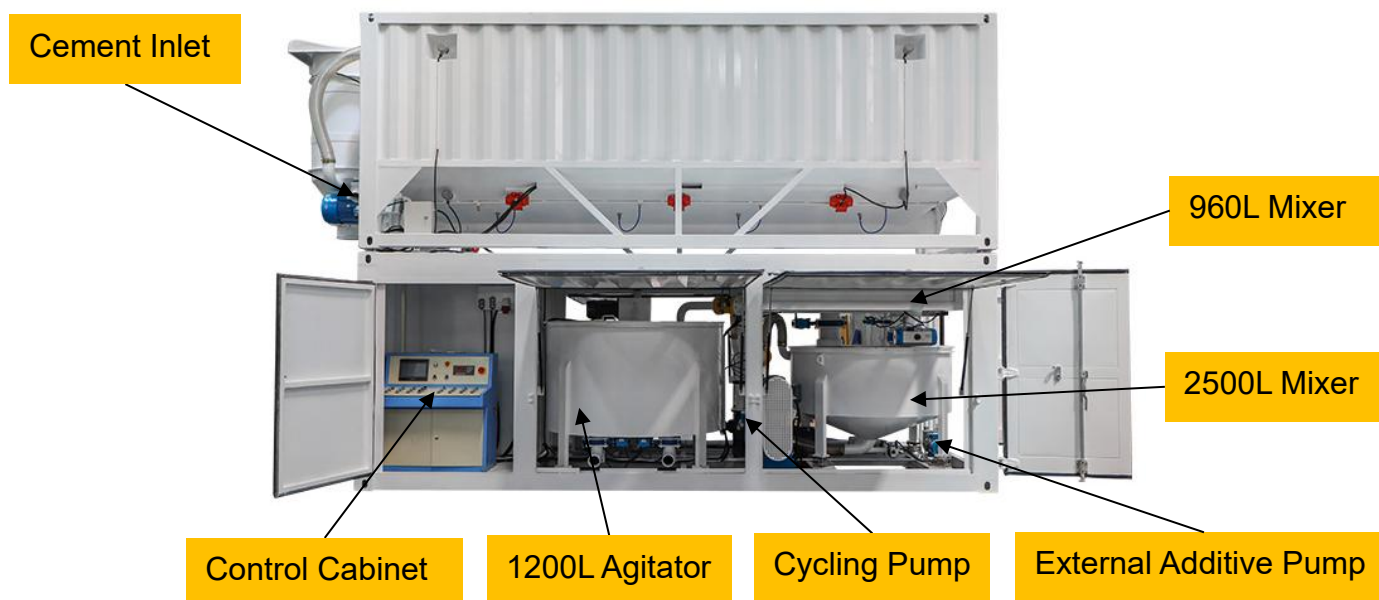
- ◆ Dust removal (1)
- ◆ Pressure relief valve (2)
- ◆ OLI-WOLONG Vibrator-1.3Kw (6)
- ◆ Upper recalling dipstick-damped rotation controller (2) and lower recalling

dipstick-damped rotation controller (2)

- ◆ Screw Conveyor-11Kw (1)
- ◆ Air disc-vibrational fluidization and jet fluidization(10)

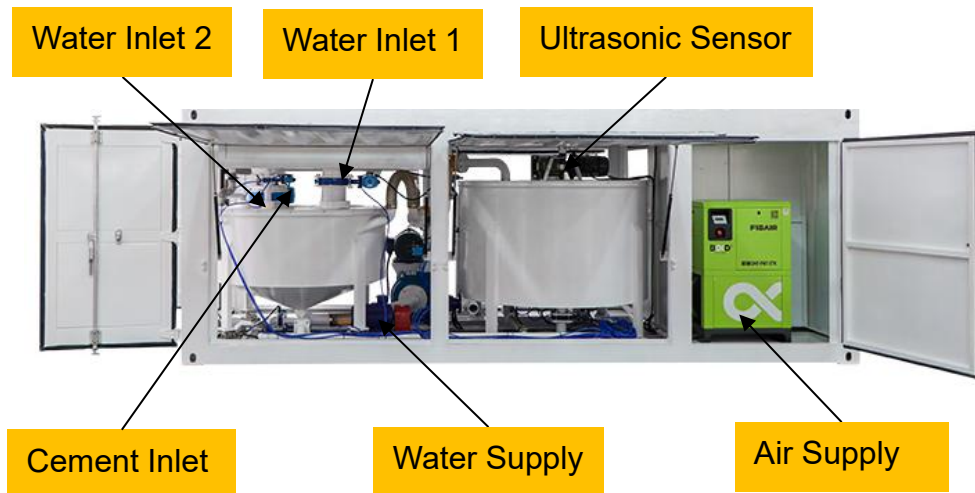


Automatic cement mortar grout mixing plant



- ◆ High-speed colloidal grout mixer
- ◆ Main pipeline valves are all pneumatic valves

- ◆ Mixture, cycling pump and agitator have an automatic cleaning function



- ◆ Cement can be added by cement silo or screw feeder automatically
- ◆ The preparation of ternary or quaternary compound mixing is possible, with either one or two liquid components and one solid component
- ◆ Two modes of operation: fully automatic mode and manual mode
- ◆ Easy to operate and maintain
- ◆ Up to 5mm particle size
- ◆ Equipped with some ceiling lamp, for illuminating the different working areas
- ◆ Can be placed directly in the 20ft cabinet

3. Technology Sheet

Specification:			
1. Two modes of operation: fully automatic mode and manual mode.			
2. Automatic cleaning system.			
3. The preparation of ternary or quaternary compound mixing is possible, with either one or two liquid components and one solid component.			
4. Can be placed directly in the 40ft cabinet.			
HCS17B Cement Silo			
Volume	17m³	Conveying	60t/h
Inlet Dia.	100mm	Outlet Dia.	325mm
Main power	11Kw	Power supply	380V, 50Hz
LMA30 Automatic cement mortar grout mixing plant			
Mixer		Agitator	
Capacity	1200L	Capacity	2500L
Flow	50L/s	Speed	25r/min
Max. output	30m³ /h	Level sensor	Ultrasonic sensor
Power	15Kw	Power	3.0Kw
Air supply system		Water supply system	
Flow	540-1350L/min	Water tank volume	960L
Pressure	0.8MPa	Flow@lift	11.11L/s@20m
Power	7.5Kw	Power	5.5Kw
External additive supply system		Flow@lift	2.8L/s@18m
		Power	1.5Kw
Power supply		380V, 50Hz	
Note: 1. All data are tested by water.			
2. We can customize products according to your requirements.			

4. Machine Pictures Gallery





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