

LMA30 Container type automatic cement grout mixer with cement silo

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 grout mixer 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



HCS17B CEMENT SILO

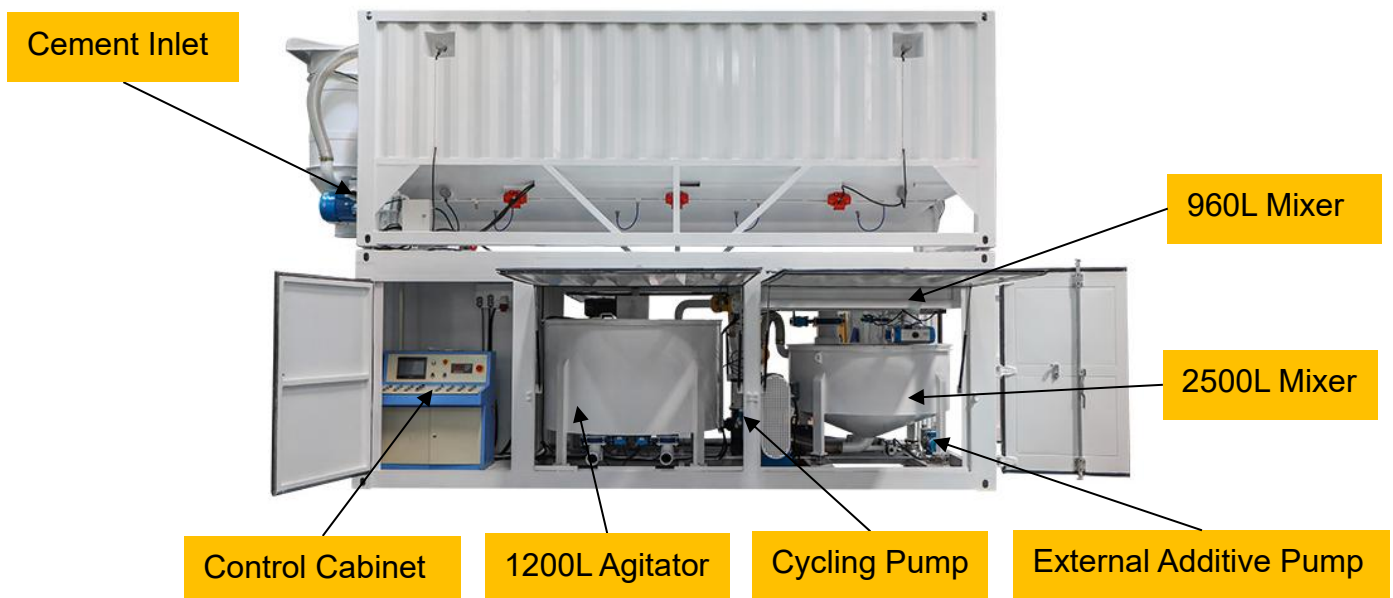
- ◆ Dust removal (1)
- ◆ Pressure relief valve (2)
- ◆ OLI-WOLONG Vibrator-1.3Kw (6)
- ◆ Upper recalling dipstick-damped rotation controller (2) and lower recalling

dipstick-damped rotation controller (2)

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

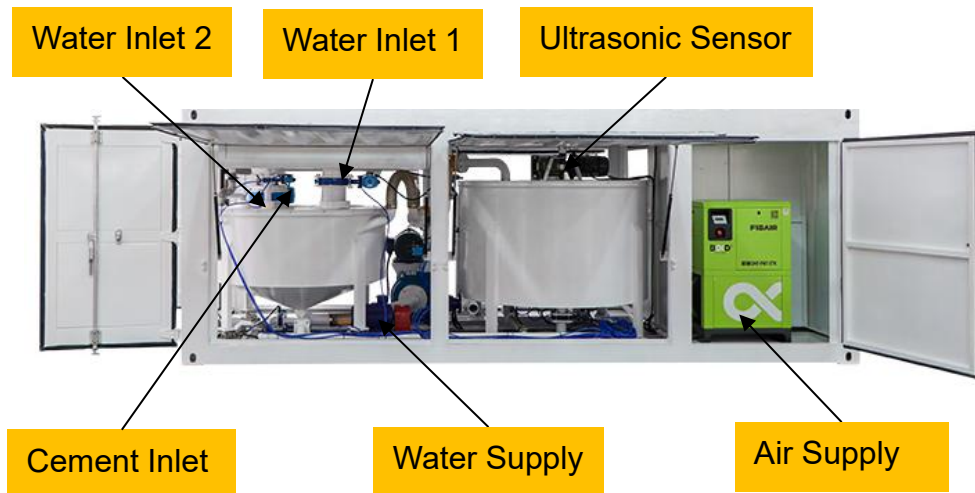


LMA30 Container type automatic cement grout mixer



- ◆ 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 Container type automatic cement grout mixer | | | |
| 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





Zhengzhou Lead Equipment Co., Ltd.

Add : Xisihuan Ring-Road East, Tielu,Xiliu lake sub-district, Zhongyuan District,
Zhengzhou,Henan

P.C.: 450042

Web: www.leadcrete.net

Email: sales1@leadcrete.com