



Cemented Rock Fill - Slurry Mixer Plant

Technical Data Sheet

Description

The Cemented Rock Fill Slurry Mixer is a PLC controlled single drum; high-speed, high-shear unit designed for the efficient production of cement-based slurries. The produced material exhibits colloidal properties and is homogenous in water.

The machine can handle cement/aggregate ratios up to 1:3 by weight and produce pumpable mixtures. It will mix a wide range of materials such as cement: supplementary cementitious materials (SCM's), pre-blends, bentonite, lime or chemicals.

Advantages

- Portable
- Completely unbolts to suit caging requirements
- Cement bags, bulk bags or silo feed capable
- PLC controlled for fully automatic operation
- Incorporates proven colloidal mixer features and works as a scale, mixer and pump
- Rapid underground assembly
- Ideal for backfilling in remote areas
- Variable batch sizes

Features

- One cubic yard PLC controlled colloidal mill
- 1600L agitation tank
- Bulk bag infeed auger
- Bulk bag breaker and adapter attachments available
- Diaphragm and progressive cavity pump options
- Optional 2,000 L water station

Equipment Information

Power Unit	Electric, 2 x 20 HP motors (575 Volt)
Output	Up to 16m ³ /hour
Pressure	Up to 30 PSI
Batch Capacity	1 m ³
Weight (lbs.)	Colloidal Mixer – 2,463 lbs. Feed Auger - 1,323 lbs. Agitation Tank – 1,159 lbs.
Dimensions (L x W x H)	231" x 238" x 140"



Safety

The Multicrete CRF plant uses high pressure systems during operations. Please follow all safe operating and site safety procedures while operating and maintaining the unit. Personal Protective Equipment (PPE) including protective goggles, safety boots, ear protection, and protective gloves are required.



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