



PDSD2000

HIGH SHEAR COLLOIDAL GROUT BATCH PLANT

PENNDRILL MANUFACTURING
321 ARBOR COURT
WINCHESTER, VA 22602

FOR MORE INFORMATION:
TOLL FREE: (866) 459-5309
OFFICE: (540) 771-5882
FAX: (540) 665-5206

WHY USE A HIGH SHEAR COLLOIDAL MIXER?

Designed with quality, productivity and ease of operation in mind. Each grout plant is inspected and tested for the highest level of quality. The PSDS2000 with four incorporated Colcrete mixers produce a superior colloidal mix and is the current industry leader. Many well known and respected geotechnical contractors rely on this machine to produce the highest quality grout possible. Let us build you this turn-key solution for your grout needs.

HIGH STRENGTHS AND HIGH SHEAR MIXING:

Colloidal mixing actions obtained allows the use of lower water/cement ratios, resulting in grouts with higher strengths than those mixed by conventional methods. With a discar tip speed of 26.5 meter/sec at 2,100 rpm results in a mix that can be pumped and remain stable without separation to permeate voids uniformly. Slurry is repeatedly re-circulated through the zone of high shear within the mixer to breakdown any clusters of dry particles and ensures maximum dispersion of fluids and solids, including hard to mix materials such as bentonite.



SPECIFICATIONS:

- Batch Capacity: 2000 Liter (2.62 yd)
- Powered by 4 Colloidal Mills
- Discharge: 700 L/min per Mill (185 gal/min)
- Output: 32 - 40 m³/hr (42 - 52 yd³/hr)
- Water Tank Capacity: 1000 Liter (264 gal)
- Available in Manual and Automatic Models
- Weight Batching Controls for Water & 3 Dry Products
- Custom Units and Programs Available
- Size: 12'-2"L x 8'-1"W x 15'-1"H (w/ Water Tank)
- Transportation Size: 12'-2"L x 8'-1"W x 8'-4"H
- Weight: 15,000 lb
- High speed and shear design ensures maximum wetting of materials

PENNDRILL MAINTAINS ALL COMMON WEAR
ITEM REPLACEMENT PARTS IN STOCK

