



PD1011H

HIGH SHEAR COLLOIDAL GROUT PLANT

PENNDRILL MANUFACTURING
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FOR MORE INFORMATION:
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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 PD1011H with an incorporated Colcrete mixer produces 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.

FAST, EASY CLEANING AND MINIMAL MAINTENANCE:

This unique design allows the operator to easily clean the unit in very short order with easy access cleaning ports at critical locations and other features to reduce the likelihood of maintenance issues.



SPECIFICATIONS:

- **ENGINE:** TIER 4 50 STATES COMPLIANT DIESEL
- **MIXER CAPACITY:** 74 GAL
- **HOLDING TANK CAPACITY:** 198 GAL
- **PUMP OUTPUT FLOW:** 38 GPM
- **PUMP OUTPUT PRESSURE:** 240 PSI
- **COLCRETE MIXER:** ADMK1 SERIES
- **OVERALL DIMENSIONS:** 103" X 89" X 94"
- **WEIGHT:** 6,500 LBS

PENNDRILL MAINTAINS ALL COMMON WEAR
ITEM REPLACEMENT PARTS IN STOCK

