

High-Capacity Grout Batching Plant

Rembco's high-capacity grout batching plant is capable of producing and pumping cementitious grouts with cement contents of up to 12,000 pounds per hour. This equates to a rate of more than 250 cu.ft. per hour at a water/cement ratio of 1.00.

Major components of the plant are:

A. Portable Cement Silo

- 350 BBL (66 ton) capacity.
- 9" diameter discharge auger.
- 150 sq.ft. dust collector and bag house.
- Two material level indicators.
- Eight externally mounted aeration pads.
- Safety pop-off valve.
- Caged safety ladder with handrail and toeboard on roof.

B. Computerized Weigh Batcher

- Automatically starts/stops material feed from silo
- Up to 600 pounds cementitious material per batch.
- Three piezoelectric load cells for accurate weighing.
- Fully programmable controller.
- Indicates exact batch weight and saves batch records.

C. Colloidal Mixer

- High-shear design provides maximum particle dispersion
- 10 cu.ft. mixing tank with 65 HP shear mixer.
- 30 cu.ft. agitated holding tank allows continuous grout delivery.

D. Progressive-Cavity Grout Pump

- Up to 38 gpm at 240 psi.
- Re-circulates excess flow back to holding tank.
- Doppler flowmeter indicates flow rate and cumulative volume.

