



Bulk-A-Matic

**There is a difference in mixing and Pumping Equipment.
"WE PROVE IT EVERYDAY"**

A Completely Automated Design Concept in Equipment to Mix and Pump in Place Gypsum & Other Cementitious Products. Automatically Mixes and Pumps Gypsum Based Slurries with Sand Aggregate Requiring Only One Operator on Ground Level



Power

Hydraulically Driven Motors Powered by the Truck's PTO.

Mixer

Patented 10cubic foot Double-Drum Mixer, Hydraulically Operated via Mechanical Drive, Counter Rotating Ribbon Paddles. Hydraulically Operated Mixer Door

Options include, Rubber Liner, Adjustable Packing Chambers and Outboard Bearings, Pneumatic or Hydraulic Latex System

Material Pump

#100 Progressive Cavity Design Pump, Chrome Rotor, Natural Rubber Stator, Tilting 12 Cubic Foot Wet Material Holding Hopper with Optional UHMW Lining, Variable Output 0-120gpm @0 psi.

Options include, Carbide Rotor, 12 cubic ft. Material Blender, Material Hose, Pressure Gauge, Manual & Hydraulic Hose Reel

Material Storage

Two 70 Cubic Foot Capacity Hoppers with Independent Hydraulic Powered Transfer Augers. Hoppers are Mounted on Load Cells for Loss of Weight Operation. Includes Hopper Lids and Bulk Bag Breakers.

Sand Storage

120 Cubic Foot Hopper with Hydraulic Powered Feed Conveyor and Transfer Conveyor with a Cleated Belt. Hopper is Mounted on Load Cells for Loss of Weight Operations.

Water System

200 Gallon Water Tank with Sight Gauge, Float Valve on Water Inlet, Hydraulic Powered Water Pump and Automatic Water System.

Options include, Hydraulic HP Washer

Loading System

Auto Crane 8406H Telescopic Crane, 5000lbs Capacity at 10' & 2500 Capacity at 20', 370° Power Rotation and Automatic Overload Protection Standard.

Truck Bed (Truck Not Included)

All Components are Mounted to an 8' X 24' Bolt on Truck Bed*; Bed is Constructed of Structural Steel with Steel Decking, Four Manually Operated Outriggers and Jacks.

Options include, Hydraulic Outriggers with Jacks*Note: Sand Hopper and Transfer Conveyor are Separate Pieces but can be Transported on the Truck Bed or Placed on a Trailer and Pulled by the Truck.

Mobile Batch Control System

System will Control and Monitor the Following Equipment: Water Tank/Pump and Valves, Sand Hopper/Feed Conveyor and Transfer Conveyor, Gypsum Hopper/Delivery Auger, Material Mixer, Discharge Door and Material Pump. Operates on 12VDC. Storage for 20 User Defined Mix/Batch Recipes for Ease of Use. Batch/Mix Manual Override Capability. Full Manual Operation Capability with Control for Each Station. Report Printing Capability Showing Daily Use by Material.

Continuous Batching Process

Predetermined Quantities are Loaded into Mixer When Previous Batch is Moved to Holding Hopper. Loading of Sand, Material & Water are done Simultaneously.

Reduction in Labor Cost

Automation allows one person to operate the equipment on the Ground

Patented double drum contra-blend mixing action provides fast, efficient yet gentle mixing action. No more need to tilt mixer to empty, special spiral paddle design forces slurry out of mixer door in just a matter of seconds.

Special design progressive cavity pump has gentle pumping action



"minimizing aggregate breakdown" produces high pumping pressures and output rates at low pump rpm's, resulting in longer component life and less maintenance cost.

STRONG MFG. CO. FOLLOWS THE POLICY OF CONTINUOUS ADVANCEMENT IN PRODUCT DEVELOPMENT. FOR THIS REASON SPECIFICATIONS AND DIMENSIONS ARE FOR REFERENCE ONLY AND MAY BE CHANGED WITHOUT NOTICE

**P.O.BOX 8068 □ PINE BLUFF, AR 71611
PHONE 1-800-238-5042 □ (870) 535-4753**

**FAX (870) 535-4843
www.strongmfg.com**

E-MAIL sales@strongmfg.com