



# Bulk-A-Matic II

**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**

Cummins diesel engine, hydrostatic transmission, tachometer, hour meter, safety switches and 12 V D.C. start

## **Mixer**

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

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

## **Material Pump**

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

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

## **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**

100 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

## **Trailer**

All Components are Mounted to an 8' X 24' trailer; Trailer is Constructed of Structural Steel with Steel Decking, Four Manually Operated Jacks, Electric Brakes, Pintle Hitch. Trailer Rating is 30,000 lbs. G.V.R.W.

Options include, Hydraulic Outriggers with Jacks

## **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



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