

*Serving the Aggregate, Asphalt, Concrete, and Mining Industries*



## **AGGREGATE DESIGNS CORPORATION**

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### **PUGMILL PLANT**

The following three used items are available for purchase:

- MODEL 52 Portable Pugmill (Electric)
- Belgrade 550 Bbl (2,200 cubic feet) Silo with all standard equipment
- KOLBERG Series 13-30100 Stacking Conveyor to include

The equipment was purchased new in 2009 and has been operating since August of 2009. The operation is used to treat soils with either Portland cement or dry magnesium hydroxide.

**Item 1: Kolberg Model 52 Portable Pugmill (Electric)**

The pugmill has the following basic specifications:

Hopper/feeder, 9 cu. yd., 5.5' x 11'

Belt Feeder for hopper - 36" x 11.5', 5 HP TEFC electric variable speed drive, head pulley, tail pulley, idlers, belt, belt cleaner

Conveyor to feed mixing box - 30" x 27 1/2' channel frame, head pulley, tail pulley, idlers, 7.5 HP TEFC electric motor drive, belt, belt cleaner

Pugmill, 48" x 6' mixing box with twin shaft mixing paddles, timing gear box, dam gate, 60 HP TEFC electric drive with reversing feature, water feed system for adding moisture, walkway, transport frame with axles and tires, air brakes, control center with 460 three phase power connection.

**Item 2: Belgrade 550 Bbl Silo and Silo Equipment**

Steel constructed silo, 24' straight side wall, 10-8" diameter, bottom cone, 2,200 cubic feet, support legs 19'-9" in height, work platform with ladder and railing, 9" diameter x 15 feet screw conveyor with 10hp 3ph motor and gear box drive with motor starter, 8" x 8" rotary vein feeder with cast iron housing and 1/2 hp motor and variable speed controller ( 1.8 – 6.3 cu/ft/min), jam gate attached to bottom of cone, 150 sq ft dust house with electric air vibrator, and pop off valve. A regenerative blower is included for to help fluidize the media.

**Item 3: Kolberg Series 13-30100 Stacking Conveyor**

This item is a 100 foot long stacking conveyor with a 30" wide belt. The item includes, wheel axle, dual tires, swivel wheel boxes, 25 HP drive assembly capable of 500 tons per hour, 7 1/2 HP hydraulic power pack, and 4' long hopper.



Pugmill, Silo and Conveyor



Pugmill Feed Hopper



Pugmill Control Panel and Pugmill Mixing Box





Pugmill Gear Box and Mixing Box Doors



Silo, Silo Auger and Silo Vane Feeder



100' Long Conveyor and Hydraulic Drive for Raising and Lowering



Hours as of April 2011, 1509.8hrs