



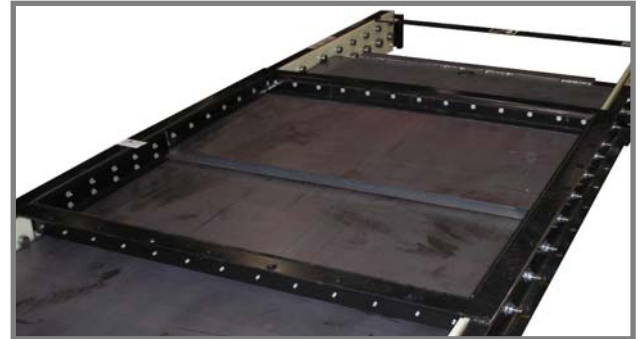
## VORTEX AGGREGATE GATE “MADE-TO-ORDER” FOR GYPSUM APPLICATION

**Valve:** Aggregate Gate

**Customer:** Gypsum Processor

**Material:** Gypsum

**Challenge:** To manufacture an Aggregate Gate to meet the customer’s exact design specifications.



**Dual, Heavy Gage Carbon Steel Blades**

### **Application:**

A prominent US-based gypsum processor required a heavy-duty gate to control and shut of the flow of gypsum rock. The customer had already engineered and designed the valve to meet its processing specifications; however, it needed a manufacturer to build it. Vortex accepted the challenge.

The customer required two rack and pinion, hand wheel actuators to move two 19” x 37” x 1” thick overlapping blades. Grease-able, hardened steel rollers were also included to facilitate easy actuation and durability.



**Hardened Steel Rollers**

