



## **VERTICAL CONE MIXER/BLENDER (VERTICAL BATCH MIXER)**

### **MODEL VCM-700-50/30-ARS**

#### **Features:**

- Capacity: 700 gallon, max.
- Diameter: 60" OD
- Straight Sect. 60"
- Cone Sect. 33"
- Drain Flange: 10"
- Supports: 8WF
- Impeller: spiral ribbon, double flights
- Inspect. Doors: 24"x18" and 10" dia.
- Inspection doors safety switches (2), wired in series with ON/OFF switch
- Motor/Reducer, Inverter Duty, 50 HP @ 30 RPM
- Fill & Vent Collars
- Air jets for self cleaning, 3 req'd
- Drain spout: 10" wafer gate & air operated/controlled actuator

#### **Materials:**

- Abrasion Resistant Alloy Steel (Abrasalloy plate and Atloy Z bars)

#### **Applications:**

- Dry Powder, heavy liquids, pastes, dough, putty

#### **Operation:**

The Dantco vertical batch mixer provides a uniform mix while minimizing plant floor space.

The spiral mixing ribbon creates a 3-dimensional flow of the mixing product. The helical ribbon creates a spiral upward movement on the periphery and a downward flow in the middle.

The conical section produces good mixing results and complete discharge.



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