



## **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 req'd
- Motor/Reducer, Inverter Duty, 50 HP @ 30 RPM
- Air jets for self cleaning, 2 sets, 3 each
- Fill & Vent Collars
- Drain spout: 10" wafer gate & air operated/controlled actuator

#### **Materials:**

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

#### **Applications:**

- Dry Powder, pastes, dough

#### **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 gives good mixing results and complete discharge. The air jets (atomizers) for self cleaning are useful for rapid batch color change when processing powders.



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