



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.
- Safety switches on doors, to be wired in series with on/off motor switch
- Motor/Reducer, Inverter Duty, 50 HP @ 30 RPM (motor not shown)
- 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 & 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.

The air jets (atomizers) for self cleaning are useful for rapid batch color change when processing powders.



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