



## **SERIES 2015 BASKET MILL**

### **MODEL DBM-200-55-TEFC/SS**

#### **Process (all in one):**

- Dispersing
- Milling
- Size reduction

#### **Results:**

- Time saving
- Quick cleaning
- Highest finished product uniformity

#### **Features:**

- Motor, 20 HP, 3/60/230V, EX
- Drive: belts/pulleys system, fixed center
- Controller, vector drive, for variable speed, in NEMA 1 enclosure (placed in safe area)
- Local controls, Dantco RCB, in NEMA 12 enclosure (industrial type) or NEMA 7&9 explosion proof enclosure (not shown)
- Lift, air-over-oil, 42" rise, with controls
- Mixing vessel, 55 gallon standard drum
- Vessel heating/cooling jacket, optional
- Basket with top turbine, pump, agitator with pins, screen (sieve) and high shear blade, (all SS304), and filled with Zirconium milling media. Patent applied.

This Basket Mill will disperse and fine milling all at same time various products, such as pigments, paints, inks, food etc.

The process is very efficient, the basket is very easy to clean, the drive is very versatile. Top mixing shaft speed of about 1000 rpm will result in visible vortex, as shown in bottom picture.

This unit will be used for in-house testing.



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