High Viscosity Drum Mixers
DM-55GDA Series Air or Electric Drum Mixers

Benefits
- Rim mount drive with Hand Grips easily switches from drum to drum
- Blend most liquid types & thicknesses in 55 & 85 gallon drums & tanks
- Choose impellers with High Shear, Low Shear or High Pump mixing intensity
- Material of construction include stainless steel, PTFE (Teflon) & PVC coated

This high viscosity, very high power drum mixer, is geared 5:1 with an air or electric drive. It is capable of handling most material compounds with up to 100,000 centipoise. An adjustable bracket attaches to 55-85 gallon drum rims. It mixes with a center-mounted shaft permitting a wide variety of impeller style, material and size choices in stainless steel, Teflon or PVC coated blades, with sizes ranging from 8 to 14” diameter, with 1 or 2 impeller tiers, with High Shear, Low Shear, High Pump-action, Hydrofoil, Turbine or Mixer Prop designs.

Drives are geared or direct drive, providing high power and variable speed range of 30-3000 Rpm with non-flammable or explosion-proof motors with fixed speed or optional variable speed feature.

(Impeller size, type and number of tiers varies with application type.)

Assembly Instructions
1) Check to ensure all components are enclosed:
   - 1x mixer air or electric drive (and support components)
   - 1x mixer shaft coupler
   - 1x or 2x mixing impellers
   - 1x stainless steel mixer shaft

Options: DM-166GWK, explosion proof grounding kit for mixing flammable materials
         DM-600FRL, filter-regulator-lubricator, for air motor warranty compliance

2) Assemble shaft coupler on mixer shaft then connect shaft coupler to drive shaft. Tighten shaft coupler set screws with thread-lock adhesive if desired. Mount onto bracket. Check set screw tightness regularly.

3) Mount assembled mixer & bracket onto drum rim, adjusted to fit drum width. Secure hand clamps to drum walls.

4) Mixing a flammable liquids or in an volatile area is permitted if the motor is explosion proof and a grounding kit is properly mounted and checked by an electrician or Safety Engineer for correct and safe flammable operation.

5) WARNING! Always stop mixer completely before accessing drum contents or lid removal.

For better product Quality Control during batch mixing, ask for DRUM-MATES® TQMixing™ Guidelines.