

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.
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