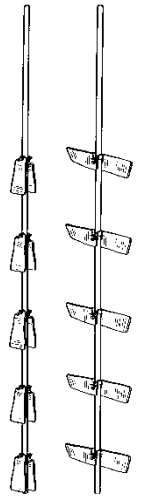


DRUM-MATES® Tote/Tank Mixers

High efficiency, multi-stage tote mixers for mixing most liquids

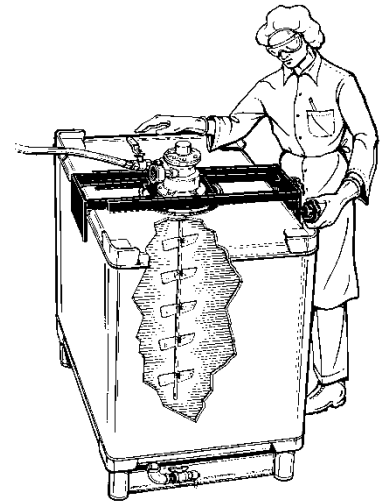
Benefits & Features of Intermediate Bulk Container mixers

- **Much Safer** 2" bung entry mixing minimizes operator exposure & environmental contamination
- **Quality** Better product uniformity with simultaneous mixing in IBC top, middle and bottom
- **Economical** Increase operation productivity, lower mixing operation and handling costs
- **Sensitive** Multiple turbine blade design can provide gentle, low impact, eddy current stirring
- **Efficiency** Significant mixing time-savings. Blend a full IBC in the shortest possible time
- **Versatility** Mix thin to thick materials in square or round IBC's or tanks from 250-1000 gallons
- **Adjustable** Multiple blade tiers & sizes adjust for a very wide range of mixing applications
- **Easy to Use** SwingWing™ turbine impellers automatically open and close on shaft rotation



General Specifications

- Minimum bunghole size: 2.0 in. (50 mm) (all mixer models)
- Mixer shaft, metal alloy: 300 Series stainless steel
- Mixer shaft dimensions: 0.625 in. dia., 33 to 45 in. length*
- Mixer shaft dimensions: 0.75 in. dia., 42 to 72 in. length*
- Closed impeller diameter: 1.90 in. (48.4 mm) (all impellers)
- 6" impeller dimensions: 5.8 in. dia., 9.7 sq. in. surface area
- 10" impeller dimensions: 10 in. dia., 15.7 sq. in. surface area
- Mixing volume range: 250-1000 gal. based on thickness
- Tank mount dimensions: 37-50 in., square, rec. & round tanks
- Electric drive specs: 350 Rpm, 115AC/1PH, geared 5:1



Warning! - Always ground all mixing components before mixing flammable liquids!

Mixer Selection Guidelines (Mixer shaft recommendation may vary due to application requirements)

Liquid Thickness Viscosity Range	Mixer Air Drives Product Codes	Air Drives Compressed Air Usage	IBC Mixer Shafts Product Codes	Mixer Blades* No. of Tiers & Sizes
Thin to Light	DM-200TAS, .75 Hp.	5-30 Cfm, 20-100 Psi	DM-600SSM	2 to 5 x 6" (open)
Thin to Medium Heavy	DM-400TAS, 1.5 Hp.	5-75 Cfm, 20-100 Psi	DM-600SSM/HV	2 to 4 x 6" + 1 x 10"
Medium to Heavy	DM-600TAS, 4.0 Hp.	10-130 Cfm, 20-100 Psi	DM-600SSM/2HV	1 to 3 x 6" + 2 x 10"

***NOTE:** Type of mixer impellers, number of tiers and shaft length are directly related to container depth and application requirements. When ordering, specify the container depth in inches from the man-way or bung opening to the inside container bottom.

Part No.

Optional Accessories

- DM-600FRL Filter, regulator, lubricator for best air drive function
- DM-600ADA/SK Maintenance kits for .75, 1.5, 4.0 Hp mixer air drives
- DM-600EEA Flexible exhaust extension, prevents contamination
- DM-600WIB Clamping block for secure wire or tube frame clamping
- DM-600BBK BarrierBlanket™ kit, for equipment protection, Teflon
- DM-166GWK Flammable environment grounding wire assembly
- DM-600RTA Round tank or IBC clamping assembly, with fasteners
- DM-55SCC 2" NPT bung mount splash/fume containment cap

Maintenance Awareness



Use the DM-600FRL air treatment assembly for drive warranty compliance.

Cleans, de-waters, sets pressure & oil fogs air for best motor longevity



Ask for the TQMixing™ Guidelines and literature on drum and IBC mixers, pumps and hand dispensing nozzles. DRUM-MATES® Inc., Liquid Process Equip. Div., Tel: 800-621-3786, Tel: 609-261-1033, Fax: 609-261-1034