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**

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

*NOTE:* Type of mixer impellers, number of tiers and shaft length are directly related to container depth and application requirements.

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