

Teflon Drum & Tote Mixers

Teflon Turbine Mixers for Mixing Purity & pH Extremes



Teflon Tank Mixer

Benefits & Features of the Teflon Mixer

- **Compatibility** These All-Teflon mixers handle widest range of corrosive chemicals
- **Quality** Better product uniformity with simultaneous mixing at all levels
- **Economical** Increase operation productivity and lower operation costs
- **Efficiency** Blend a full drum or IBC in the shortest time, depending on viscosity
- **Versatility** Mix thin to thick liquids in 50 - 1000 gallon IBC's or tanks
- **Sensitive** Multiple turbine blades can provide gentle, eddy current stirring

General Specifications

Drum/Tote/Tank dims: 22" to 50" width, Inside Depth varies with container.
 Mixing volume range: 40-1000 gal.
 Minimum bunghole size: 2" - 12" > (applies to most container models)
 Mixer shaft materials: PTFE (Teflon) wrapped 316 stainless shaft
 Mixer shaft dimensions: 0.750 in. OD (19 mm) x 28" up to 48 in. (1.22 m)
 Impeller dimensions: Vary based on bung or manway opening size
 Electric drive specs: Direct or geared drive, 115/220VAC/1PH/50-60 Hz
 Air drive specifications: See air drive and mixer shaft usage table below



Drum Bung Mount Mixer

Applications - Suggested Guidelines Ask for a copy of DRUM-MATES® TQMixing™ Guidelines

Liquid Thickness Viscosity Range	Mixer Air Drives Product Codes	Air Drives Compressed Air Usage	Mixer Shafts Product Codes	Mixer Blades* No. of Tiers & Size
Variable Viscosity	DM-55BAS, 1.5 Hp.	5-45 Cfm, 10-100 Psi	Drum, DM-55TTMD4	3-4 tiers, 1.75" OD
Thin Viscosity	DM-200TAS, .75 Hp.	5-45 Cfm, 10-100 Psi	IBC, DM-600TTMT2	2-4 tiers, < 6.0" OD
Thin to Medium	DM-400TAS, 1.5 Hp.	5-75 Cfm, 20-100 Psi	IBC, DM-600TTMT3	3-4 tiers, < 6.0" OD
Medium to Heavy	DM-600TAS, 4.0 Hp.	10-130 Cfm, 20-100 Psi	IBC, DM-600TTMT4	4 + tiers, < 6.0" OD

*NOTE: Number of mixer impeller tiers and shaft length will vary according to container type, depth and application requirements.

Maintenance Awareness • DM-600FRL

Used for proper air treatment to save maintenance costs.
 Cleans, de-waters, sets pressure & oil fogs air for best motor longevity

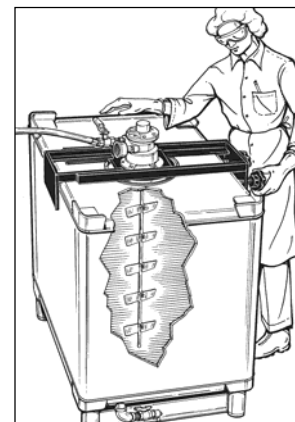


Optional Accessories & Components

Filter, regulator, lubricator for best air drive function
 Maintenance kits for .75, 1.5, 4.0 Hp mixer air drives
 Flexible exhaust extension, prevents contamination
 Clamping block for mesh or tubular frame clamping
 Flammable environment grounding wire assembly
 Round tank or IBC clamping assembly, with fasteners
 2" NPT bung mount splash/fume containment cap
 Mixer shaft coupler, 1/2" x 5/8" with Allen wrench
 Mixer shaft coupler, 5/8" x 5/8" with Allen wrench

Part No.

DM-55FRL or 600FRL
 DM-200, 400 or 600 ADA/SK
 DM-55 or 600EEA
 DM-600WIB
 DM-166GWK
 DM-600RTA
 DM-55SCC
 DM-500MSC
 DM-600MSC



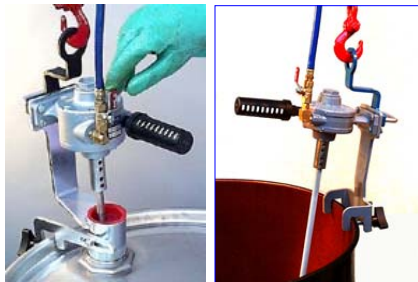
Multi-tier high efficiency tote mixer



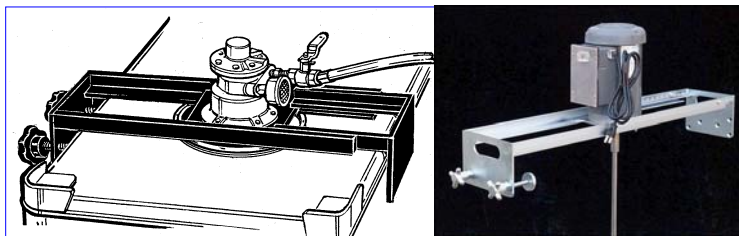
DRUM-MATES® equipment assemblies are provided as separate components each sold on a separate basis.
 Ask for literature on DRUM-MATES® drum & IBC mixers, drum tumblers, drum/IBC pumps & hand nozzles.
 DRUM-MATES® Inc., Mixer & Pump Div., Tel: 1-800-621-3786 and 609-261-1033, Fax: 609-261-1034

Drum and Tote Mixer Drives

for Better Safety, QC Control, Versatility, & Speedy Mixing!



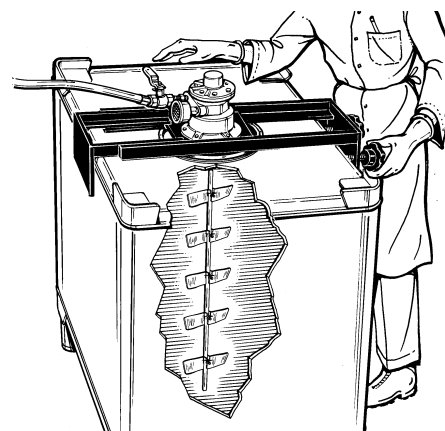
Bung & Rim Mounting Drum Mixer Drives



DM-600 Series Heavy Duty Pneumatic or Electric Drives

DRUM-MATES® high efficiency mixers will thoroughly blend thin to thick liquids in 40 to 1000 gallon drums or totes. The 8" wide drive stand assembly is engineered to be comfortable and safe to move and use. It is versatile over a wide range of applications and adjustable to fit most tote types and sizes, square, rectangular or round (with the DM-600RTA round tank bracket).

Pneumatic or electric drum or tote drives are offered with a choice of horsepower and gearing. If maintained properly, treated with due care, properly protected and cleaned after use, this equipment can provide a long service life. The stand has extra large clamp foot pads for better grip and less potential damage to the tote. Handgrips at each end of the assembly offer a safe, ergonomic grip or strapping point for movement into and out of the tote. Coarse and fine adjustments permit mounting from 37 to 50". Stand width is 8.375". Optional 2" splash and fume containment, shaft mounting bung-caps help prevent airborne moisture or particulate contamination and fume venting or liquid splash-out while mixing.



2" Bung Entry High Efficiency Tote Mixing

Air Drive Selection Guidelines (Recommended drive 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	4 or 5 x 6" (open)
Thin to Medium Heavy	DM-400TAS, 1.5 Hp.	5-75 Cfm, 20-100 Psi	DM-600SSM/HV	3 or 4 x 6" + 1 x 10"
Medium to Heavy	DM-600TAS, 4.0 Hp.	10-130 Cfm, 20-100 Psi	DM-600SSM/2HV	2 or 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.

Each pneumatic assembly includes: double rail clamping stand, pneumatic drive mount base, fasteners, variable-speed Rpm control, heavy duty shaft coupler and Allen wrench, exhaust muffler and assembly instructions.

Warning: Always remove air supply prior to motor maintenance. Never operate the mixer outside a container.
IMPORTANT: When ordering, specify container depth in inches from the manway opening to inside container bottom.

RECOMMENDED
 For the very best, consistent, batch Quality Control,
 Ask for and follow DRUM-MATES® TQMixing™ Guidelines



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