

High Efficiency Drum Mixers, Stainless Steel & Zinc Plated

For best quality control, lower mixing time and batch costs...



Benefits

This high efficiency mixer design ensures thorough blending of layered or sedimented solutions and virtually eliminates aeration or cavitation. These unique mixers are used for a greater range of viscosities and applications than other types of drum mixers. The multi-level, auto-open-close, SwingWing™ turbine blades are effective at any Rpm. The fully adjustable impellers can be locked down or removed, letting you set up the mixer just the way you want. A wide range of mixing patterns from low impact, eddy wave stirring up to a high shear, homogenizing effect can be easily selected.

Features

DRUM-MATES® drum mixers multi-tier fit through 2" NPT bungholes in all drum sizes and types with good container wall clearance. Mixer shaft styles come in stainless steel and zinc plated steel in 3 shaft sizes for mixing liquids in most drum and tote or tank sizes and types. Mixer blades are available in 6" and 10" open diameters to handle a wide range of applications and viscosities.

(See DRUM-MATES® Mixer Drives & Accessories Data Sheets)

Common Mixing Applications

- Fast reconditioning of separated or stratified liquids into a uniform compound
- Quick break up and dispersal of bottom sediments into a smooth mixture
- Slow eddy wave stirring of sensitive materials to prevent foaming & oxidation
- In-drum mixing for manufacturing of liquid-liquid or powder-liquid ingredients
- Continuous stirring to maintain suspensions while emptying a container
- Quick dilution of chemical concentrates or liquid base solutions

and other tasks too numerous to mention ...

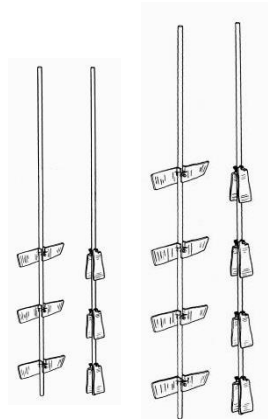


Fig. 1

Fig. 2

Drum & Pail Mixer Shaft Specifications* (For more information, see mixer drive & accessories data sheets)

Fig. No.	Drum & Pail Mixers Stainless Steel	Drum & Pail Mixers Zinc Plated Steel	Mix Capacity (Gallons)	Bung Capacity	Mixer Shaft Dimensions diameter x length x # tiers
#1	DM-05SSM	DM-05ZPM - Obsolete	1 – 25	1.5"	3/8" x 28" x 3 tiers
#2	DM-55SSM	DM-55ZPM	30 – 200	2.0"	1/2" x 36" x 4 tiers
#2	DM-55SSM-3	DM-55ZPM-3	30 – 200	2.0"	1/2" x 36" x 3 tiers
#2	DM-55SSM-2	DM-55ZPM-2	30 – 200	2.0"	1/2" x 36" x 2 tiers
#2	DM-55SSM-1	DM-55ZPM-1	30 – 200	2.0"	1/2" x 36" x 1 tier

NOTE: For Mixer Drive illustrations and information, see the "Drum Mixer Drive" data sheet.
For Tote mixing applications, ask for DRUM-MATES® tote and tank mixer data sheets.

5 Gal. Pail Mixing Kit • 3 Step, Mixing System

Part # **DM-05PMK** Kit – Includes drum lid perforator, **DM-05HCO**, 1 1/2" hole; mix through bung with **DM-05SSM** mixer; seal with **DM-05PSP** poly plug for storage or shipment. **Order Separately:** **DM-45ADH** air op. mixer drive.



#1 Cut Hole



#2 Mix drum



#3 Plug Hole



Ask for literature on DRUM-MATES® drum & IBC mixers, drum tumblers, drum/IBC pumps & hand nozzles.
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