

5-Gallon Pail Mixers

OWNERSMANUAL

Warranty

Our products are guaranteed against defective materials and workmanship, we will repair or replace such items as may prove defective at our option. Warranty period is one year on items manufactured by INDSCO, except for the MixMaster Series Shakers which carries a two year warranty. On items not manufactured by INDSCO, the manufactures warranty applies. All component parts of our products are covered by this warranty, except for normal wear items such as belts or impellers. We cannot be responsible for damage or abuse to equipment caused by improper installation or operation. Warranties can also be voided by unauthorized disassembly of equipment. For warranty repairs, equipment is returned to INDSCO at the customer's expense; we will repair and return to customer at our expense. Under no circumstances will we allow labor charges or other expense to repair defective merchandise. This warranty is exclusive and is in lieu of all other warranties, whether express or implied. INDSCO shall not be liable for any other damages, whether consequential, indirect, or incidental, arising from the sale or use of its products.



Quic-Mixers

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4040 Earnings Way • NEW ALBANY, IN 47150 •
P: 812-941-5954 F: 812-944-9742 •
INDSCO.COM • INFO@INDSCO.COM

Safety:

Please read this complete manual before trying to operate your mixer. Failure to follow these instructions could result in serious bodily injury or death.

- Do not touch moving parts while mixer is operating.
- Do not wear loose-fitting clothes or jewelry around an operating mixer. Keep all hands, feet, clothes, neckties, necklaces and other objects clear of moving parts.
- Never run the unit in open air.

ELECTRIC MOTOR SAFETY:

Not all rotating parts are guarded. Keep hands and clothing away from moving parts. Trained, qualified personnel should make electrical repairs and non-standard connections. If environment has hazardous combustible fumes present, use only explosion-proof electric motors.

AIR MOTOR SAFETY:

The air motor is designed to be driven by compressed air and under no circumstances be driven with any other gases. Fluids, particles, solids or any substance mixed with air, particularly combustible substances likely to cause explosions, must not drive air motor.

- Do not drive with flammable or explosive gases or operate unit in an atmosphere containing them.
- Air motor is designed for air only. Do not allow corrosive gases or particulate material to enter motor. Water vapor, oil-based contaminants, or other liquids must be filtered out.
- Do not use a hammer or force coupling or drive pulley onto shaft when installing drive onto air motor. This causes end thrust that could damage air motor.
- Ambient temperature should not exceed 250°F.
- Beware of any exposed and/or movable parts. Proper guards should be in place to prevent personal and/or property damage.
- Solid or liquid material exiting unit can cause eye or skin damage. Keep away from air stream.
- Always disconnect air supply before servicing.
- Do not allow air motor to "run free" at high speeds with no loads. Excessive internal heat build-up, loss of internal clearances and rapid motor damage will result.
- Some models may exceed 85dB(A) sound level. Hearing protection should be worn when in close proximity to these models.

General

INDCO Quic-Mixers series work through the lid of 5-gallon pails, and are portable. The ring mount provides a low center of gravity for steady, worry-free mixing. Works equally well on OPEN or CLOSED 5-gallon pails. The stainless steel folding impellers will fit through any opening as small as 1.5" diameter. Ideal for mixing colorants into paint, remixing settled material or blending powders into liquids. All models are supplied with 5/8" diameter stainless steel shafts equipped with Quic-Change Couplers, which eliminate the bother of fumbling with set-screws when changing or cleaning mixing shafts. Shafts twist on and off without tools. Shipped complete and ready to use right out of the box, no assembly required. Fits 5-gallon pails with lids up to 12.25" outside diameter.

ELECTRIC MODELS:

- 1/2 HP motors operate on 115-volts, 60Hz service.
- Model MDS-Q has single-speed, 1750 rpm motor.
- Model MVF-Q has variable speed, 240 to 2400 rpm motor.
- Model MEP-2Q is explosion-proof and has no cord or plug.
- All models have a 4.5" diameter folding impeller.

AIR MODEL:

- Speed range of 300 to 3000 rpm.
- Complete with speed control valve and exhaust muffler.
- Model MAT-Q will deliver up to 3/4 HP.
 - with single 4.5" diameter folding impeller.
- Model MAM-Q outputs up to 1.5 HP.
 - with dual folding impellers.

Receiving

Before removing any packing, visually inspect the exterior of the shipment for any sign of damage. Should there be any damage, bring it to the attention of the delivering UPS or truck line and note the same on the receiving ticket. Should there be damage you must place a claim with the truck line. They are the only ones who will pay for the damage done and you are the only one who can place that claim.

Operation

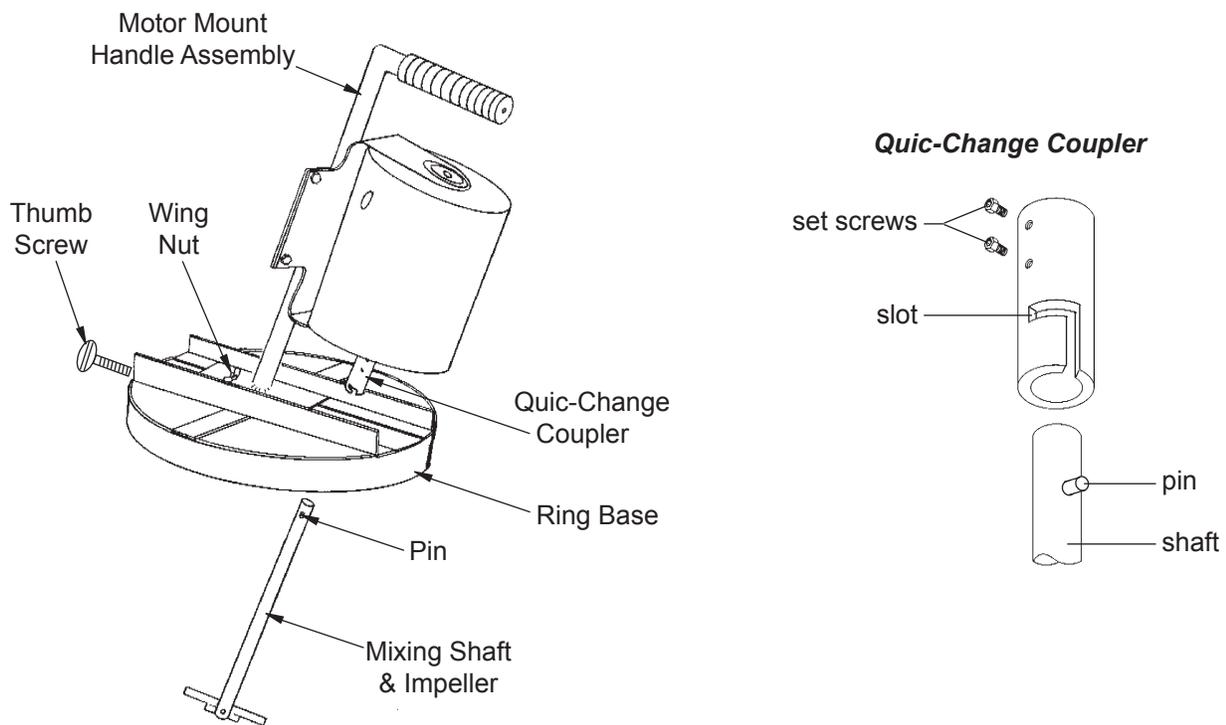
CAUTION:

- ✓ Never run the shaft~impeller in open air.
- ✓ Never run shaft~impeller outside the pail.

SHAFT & COUPLER

Quic-Mixers have a Quic-Change Coupler that allows easy installation and removal of the Mixing Shaft & Impeller.

A Pin is installed in the Mixing Shaft, which fits into a slot in the Quic-Change Coupler.



Operation (continued)

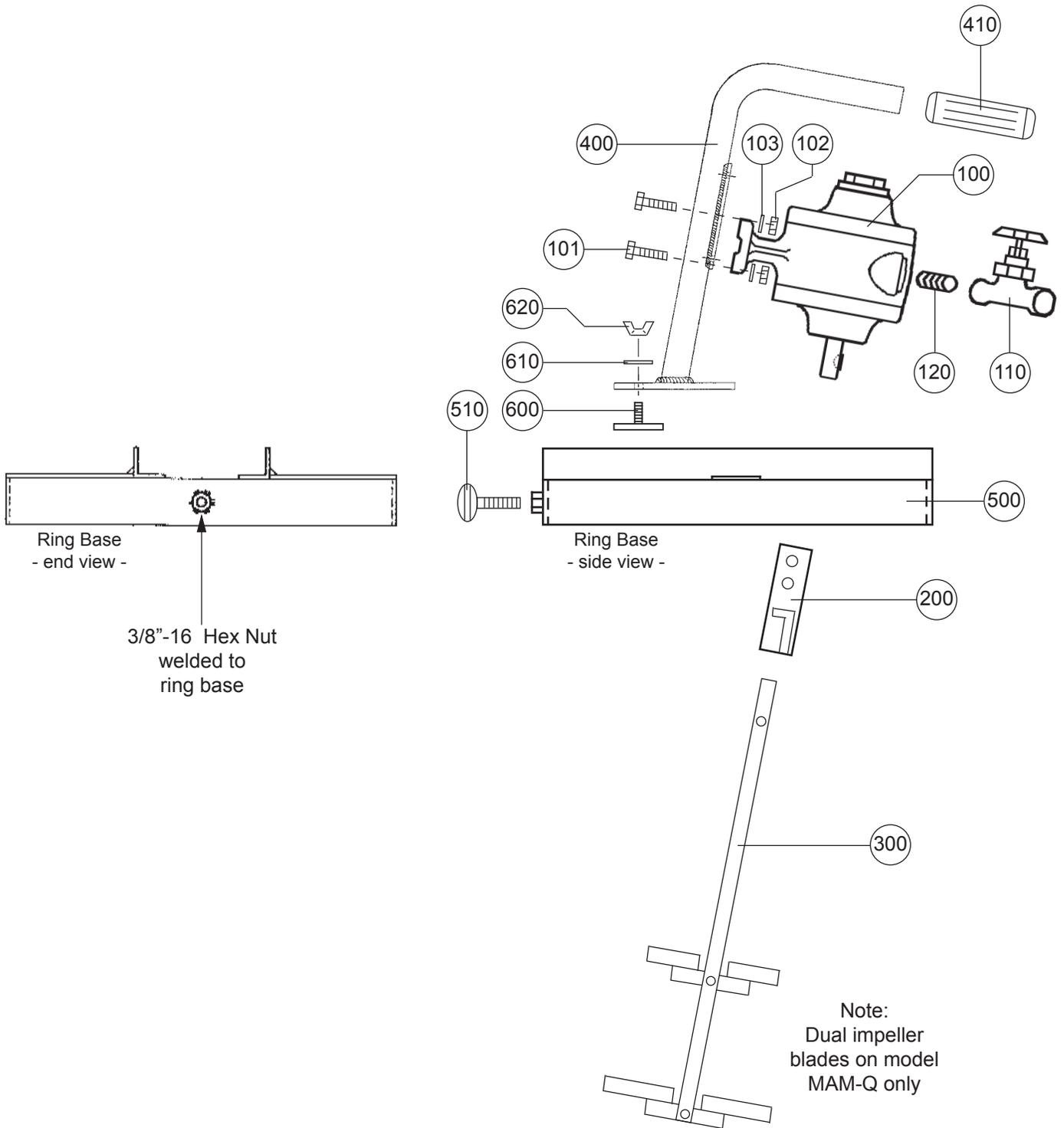
MOUNTING & ADJUSTING

Quic-Mixers work with both open or closed 5-gallon pails. The mixer will mount to pails with the lid in place. For open or closed pails, follow instructions below:

1. Remove Mixing Shaft & Impeller, loosen Thumb Screw and place the unit on top of the pail.
2. Loosen the Wing Nut and adjust the Motor Mount Handle Assembly by sliding it across the top of frame rails so that the Quic-Change Coupler aligns with the lid's cap opening or hole. Also, make additional adjustments to the position by rotating the Ring Base on the pail. Tighten Wing Nut.
3. Now remove the mixer from the pail and install the Mixing Shaft & Impeller. Insert the Mixing Shaft & Impeller Pin into the slot of the Quic-Change Coupler and rotate counter clock-wise to secure in place.
4. Insert the Mixing Shaft & Impeller through the lid's cap opening or hole and set the mixer back on top of the pail. Tighten Thumb Screw.
5. Check shaft rotation:
 - Electric Power: Check rotation to be sure the mixer shaft is rotating in a counter clock-wise direction, looking downward into the container.
 - Air Power: Ensure the air valve is in the closed position, then connect air supply. Check rotation to be sure the mixer shaft is rotating in a counter clock-wise direction, looking downward into the container.
6. Mixer is ready to operate.

Parts List - Quic Mixer

AIR MOTOR MODEL SHOWN



Note:
Dual impeller
blades on model
MAM-Q only

Parts List - Quic Mixer (continued)

Item	Description	Part No.	Qty.
MDS-Q			
100.	Electric Motor, 1/2-HP, 115-volt, 1-phase, ODP	MTR-1/2-56F-1-OPEN	1
101.	Bolt, 1/4"-20 x 3/4"	N-HARDWARE	4
102.	Nut, 1/4"-20	N-HARDWARE	4
103.	Lock-washer, 1/4"	N-HARDWARE	4
106.	Power cord, plug & in-line switch	CPG-INLINE-18/3	1
200.	Coupler, quick-change, 5/8" x 5/8"	C-DEV-C	1
300.	Shaft ~ Impeller ass'y, 4.5" diameter, 2-folding blades	C-MSF-Q	1
400.	Handle with motor mount base, electric motor	MNT-MEP-M	1
410.	Handle bar "grip"	HDW-AH875	1
500.	Ring base	HDW-RTM	1
510.	Thumb screw, 3/8"-16 x 1-1/4"	N-HARDWARE	1
600.	Fastener, Handle ass'y	N-RING-ADAPTER	1
610.	Flat-washer, 3/8"	N-HARDWARE	1
620.	Wing-nut, 3/8"-16	N-HARDWARE	1
MTS-Q			
100.	Electric Motor, 2-Speed, 1/2-HP, 115-volt, 1-phase, ODP	MTR-1/2-56F-2SP-OPEN	1
101.	Bolt, 1/4"-20 x 3/4"	N-HARDWARE	4
102.	Nut, 1/4"-20	N-HARDWARE	4
103.	Lock-washer, 1/4"	N-HARDWARE	4
104.	Switch box	SWT-BOX	1
105.	Switch, 2-Speed (on-off-on)	SWT-2SP-TOGGLE	1
106.	Power cord with plug	CPG-14/3	1
200.	Coupler, quick-change, 5/8" x 5/8"	C-DEV-C	1
300.	Shaft ~ Impeller ass'y, 4.5" diameter, 2-folding blades	C-MSF-Q	1
400.	Handle with motor mount base, electric motor	MNT-MEP-M	1
410.	Handle bar "grip"	HDW-AH875	1
500.	Ring base	HDW-RTM	1
510.	Thumb screw, 3/8"-16 x 1-1/4"	N-HARDWARE	1
600.	Fastener, Handle ass'y	N-RING-ADAPTER	1
610.	Flat-washer, 3/8"	N-HARDWARE	1
620.	Wing-nut, 3/8"-16	N-HARDWARE	1
MJF-Q			
100.	Electric Motor, 2-Speed, 1/2-HP, 115-volt, 1-phase, TEFC	MTR-1/2-56F-2SP-TEFC	1
101.	Bolt, 1/4"-20 x 3/4"	N-HARDWARE	4
102.	Nut, 1/4"-20	N-HARDWARE	4
103.	Lock-washer, 1/4"	N-HARDWARE	4
104.	Switch guard	SWT-GUARD	1
105.	Switch, 2-Speed (on-off-on)	SWT-2SP-TOGGLE	1
106.	Power cord with plug	CPG-18/3	1
200.	Coupler, quick-change, 5/8" x 5/8"	C-DEV-C	1
300.	Shaft ~ Impeller ass'y, 4.5" diameter, 2-folding blades	C-MSF-Q	1
400.	Handle with motor mount base, electric motor	MNT-MEP-M	1
410.	Handle bar "grip"	HDW-AH875	1
500.	Ring base	HDW-RTM	1
510.	Thumb screw, 3/8"-16 x 1-1/4"	N-HARDWARE	1
600.	Fastener, Handle ass'y	N-RING-ADAPTER	1

Parts List - Quic Mixer (continued)

Item	Description	Part No.	Qty.
MEP-1Q			
100.	Electric Motor, 2-Speed, 1/2-HP, 115-volt, 1-phase, Explosion-Proof	MTR-1/2-56C-FOOT-1-EP	1
101.	Bolt, 1/4"-20 x 3/4"	N-HARDWARE	4
102.	Nut, 1/4"-20	N-HARDWARE	4
103.	Lock-washer, 1/4"	N-HARDWARE	4
200.	Coupler, quick-change, 5/8" x 5/8"	C-DEV-C	1
300.	Shaft ~ Impeller ass'y, 4.5" diameter, 2-folding blades	C-MSF-Q	1
400.	Handle with motor mount base, electric motor	MNT-MEP-M	1
410.	Handle bar "grip"	HDW-AH875	1
500.	Ring base	HDW-RTM	1
510.	Thumb screw, 3/8"-16 x 1-1/4"	N-HARDWARE	1
600.	Fastener, Handle ass'y	N-RING-ADAPTER	1
610.	Flat-washer, 3/8"	N-HARDWARE	1
620.	Wing-nut, 3/8"-16	N-HARDWARE	1
MAT-Q			
100.	Air Motor, 3/4-HP, foot mount, clock-wise rotation	MTR-3/4-FOOT-AIR-CW	1
101.	Bolt, 1/4"-20 x 3/4"	N-HARDWARE	4
102.	Nut, 1/4"-20	N-HARDWARE	4
103.	Lock-washer, 1/4"	N-HARDWARE	4
110.	Needle valve, brass, 1/4"	HDW-1/4-VALVE	1
120.	Pipe nipple, steel - 1/4" x 7/8"	HDW-25-CNG	1
200.	Coupler, quick-change, 1/2" x 5/8"	C-DEV-C5	1
300.	Shaft ~ Impeller ass'y, 4.5" diameter, 2-folding blades	C-MSF-Q	
1			
400.	Handle with motor mount base, air motor	MNT-MAM-M	1
410.	Handle bar "grip"	HDW-AH875	1
500.	Ring base	HDW-RTM	1
510.	Thumb screw, 3/8"-16 x 1-1/4"	N-HARDWARE	1
600.	Fastener, Handle ass'y	N-RING-ADAPTER	1
610.	Flat-washer, 3/8"	N-HARDWARE	1
620.	Wing-nut, 3/8"-16	N-HARDWARE	1
MAM-Q			
100.	Air Motor, 1.5-HP, foot mount, bi-rotational	MTR-1.5-FOOT-AIR	1
101.	Bolt, 1/4"-20 x 3/4"	N-HARDWARE	4
102.	Nut, 1/4"-20	N-HARDWARE	4
610.	Flat-washer, 3/8"	N-HARDWARE	1
620.	Wing-nut, 3/8"-16	N-HARDWARE	1