

Vigorous End-Over-End Mixing Action

- Tumble common 55-gallon steel drums for mixing
- Use a separate drum for each batch
- Put valuable ingredients back into suspension
- Leave drums cleaner for reconditioning

Save time, labor and money by mixing in closed shipping drums. Eliminate transfer, clean-up and special containers. End-over-end tumbling action does a thorough mixing job to insure homogeneity. Mix dry powders, wet grains, dyes and coloring liquids, fine and coarse granules, settled liquids and powders. Ideal for mixing highly viscous substances.

- Drum speed: 13 RPM
- Capacity per drum: 800 Lb.

The sturdy frame resists the stress and shock of tumbling. It has a heavy structural steel base, a 1.5" shaft, and ball bearings. Non-explosion proof AC models include a prewired control box with start, stop and jog functions. Explosion proof models also include a control box, but require an electrician to wire according to your local codes.



Single Drum Rotators

Rotate one 55-gallon steel drum end-over-end.

1 HP motor
Base dimensions: 30" x 54"

Double Drum Rotators

Rotate two 55-gallon steel drums simultaneously. Drum holders rotate on the same axis but are 90 degrees out of phase with each other.

1.5 HP motor
Base dimensions: 30" x 88"

Important Features

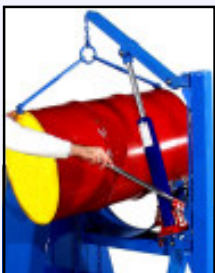


End-Over-End Rotators are made to handle a 55-gallon steel drum. To assist in loading a drum, a Morse Drum Lifting Hook is included. Attach the Lifting Hook to an overhead hoist, engage the hooks onto the top and bottom chimes of the drum, and lift the drum into the holder.



Place the chains of the drum holder around the drum and lock securely with two load binders. The ends of the chains are then placed around the load binder handles and fastened with a safety snap to prevent unintentional opening.

Optional Equipment



Where an hoist is not available to lift a drum into the drum holder, a hydraulic loading crane can be ordered. Pump the hydraulic jack to lift a horizontal drum and swing it into the drum holder.

- Use ONE load crane for 1-300 series single drum tumblers.
- Use TWO load cranes for 2-300 series double drum tumblers.

Model #	Description		Power Supply			Ship Weight
	Rotates	Motor Style	Phase	Volts	Hz	
2-300-1-115	2 Drums	TEFC	1	115	60	1050 Lb.
2-300-1-230	2 Drums	TEFC	1	230	60	1050 Lb.
2-300-3-230	2 Drums	TEFC	3	230	60	1050 Lb.
2-300-3-460	2 Drums	TEFC	3	460	60	1050 Lb.
2-300-A	2 Drums	Air Motor	-	-	-	965 Lb.
2-300-E1-115	2 Drums	Explosion Proof	1	115	60	1091 Lb.
2-300-E1-230	2 Drums	Explosion Proof	1	230	60	1091 Lb.
2-300-E3-230	2 Drums	Explosion Proof	3	230	60	1091 Lb.
2-300-E3-460	2 Drums	Explosion Proof	3	460	60	1091 Lb.
1-300-1-115	1 Drum	TEFC	1	115	60	634 Lb.
1-300-1-230	1 Drum	TEFC	1	230	60	634 Lb.
1-300-3-230	1 Drum	TEFC	3	230	60	634 Lb.
1-300-3-460	1 Drum	TEFC	3	460	60	634 Lb.
1-300-A	1 Drum	Air Motor	-	-	-	610 Lb.
1-300-E1-115	1 Drum	Explosion Proof	1	115	60	647 Lb.
1-300-E1-230	1 Drum	Explosion Proof	1	230	60	647 Lb.
1-300-E3-230	1 Drum	Explosion Proof	3	230	60	647 Lb.
1-300-E3-460	1 Drum	Explosion Proof	3	460	60	647 Lb.

Explosion proof motors are rated for class I group D and class II groups F and G. AC models are also available with 50 Hz motor.

Air powered models require plant air at 40 psi and flowing at a rate of 40 scfm. Filter, Regulator, Lubricator and valve are included.

Custom Drum Rotators - Single and double End-Over-End Rotators can be made to handle steel, fiber or plastic drums 29" to 37" tall and 18" to 23.5" diameter.

Install Morse Rotators in accordance with OSHA requirements for enclosure and interlock, etc. For OSHA compliance, see OSHA subpart O.1910.212 "General Requirements for all Machines." Power connections and motor controls must comply with applicable codes. Consult with Morse specialist for compliance advice.