

**Tumble to Mix and Blend in Closed Shipping Cans**



Model  
1-305-1

**Single Can Tumblers**  
Rotate one can "corner-over-corner"

**PailPRO Can Tumblers**

Rotate your cans or pails to thoroughly blend ingredients with an efficient "corner-over-corner" mixing action. Morse Can Tumblers are perfect to mix or blend small batches... or you can tumble parts with media to polish or deburr.

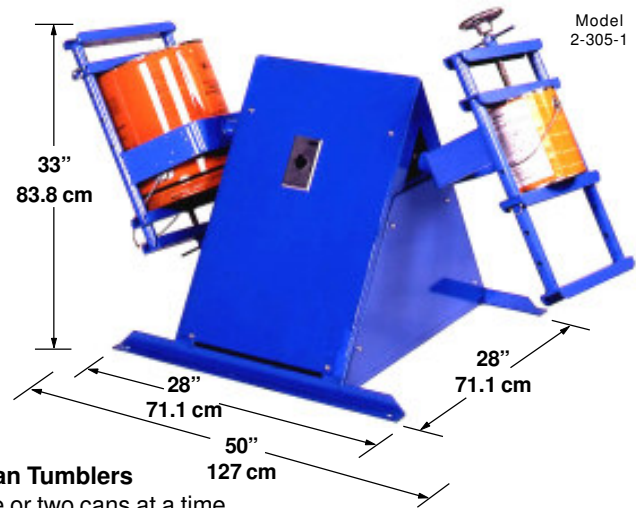
Mixing in ordinary pails, instead of using special containers or insertion mixers, saves time and money! There is no costly transfer and no messy clean-up. It reduces the possibility of spills and the hazards of worker exposure to the product.

The cans are held at an angle to the horizontal rotating shaft to provide a thorough "corner-over-corner" mixing action. Quickly secure a can in the holder with the adjustable bottom cross bar and screw-down top bar with locking handle. A 1/4 HP motor provides plenty of power for long service. It rotates the pail at a constant 23 RPM in one direction – the unit does not shake or oscillate cans. The heavy-duty steel frame stands steady while tumbling.

- Can Dimensions: 4.5" to 16.5" tall  
Up to 12.5" in diameter
- Can Speed: 23 RPM
- Capacity: 100 Lb. per can
- 1/4 HP Motor: AC Single phase or 3 phase  
Explosion proof available  
60 or 50 Hz  
Air powered
- Ship Dimensions: 40" x 29" x 24", Ship Class: 70

The single phase, 115V models (models 1-305-1 and 2-305-1) are equipped with an adjustable timer. This allows the operator to select a running time up to 60 minutes with automatic shut-off. Other motor types do not include timer, cord or plug, and require an electrician to be wired according to your local codes.

- Efficient "corner-over-corner" mixing action
- Use common pails for mixing
- No container to purge between batches
- Use separate can for each batch



Model  
2-305-1

**Double Can Tumblers**  
Rotate one or two cans at a time

Description			Power Supply			Weight
Model #	Rotates	Motor Style	Voltz AC	Hz	Phase	
2-305-1	1 or 2 Cans	TEFC with Timer	115	60	1	205 Lb.
2-305-1-230	1 or 2 Cans	TEFC	230	60	1	205 Lb.
2-305-3	1 or 2 Cans	TEFC	230/460	60	3	205 Lb.
2-305-A	1 or 2 Cans	Air Motor	-	-	-	190 Lb.
2-305-E1	1 or 2 Cans	Explosion Proof	115/230	60	1	210 Lb.
2-305-E3	1 or 2 Cans	Explosion Proof	230/460	60	3	231 Lb.
1-305-1	1 Can	TEFC with Timer	115	60	1	175 Lb.
1-305-1-230	1 Can	TEFC	230	60	1	175 Lb.
1-305-3	1 Can	TEFC	230/460	60	3	155 Lb.
1-305-A	1 Can	Air Motor	-	-	-	155 Lb.
1-305-E1	1 Can	Explosion Proof	115/230	60	1	180 Lb.
1-305-E3	1 Can	Explosion Proof	230/460	60	3	180 Lb.

Explosion proof motors are rated for class I group D and class II groups F and G. AC Models are available with 50 Hz motors, however, expect a 20% reduction in RPM of cans. For 50Hz version, add "-50" to end of model number. Air powered models require plant air at 40 psi and flowing at a rate of 22 scfm. Filter, Regulator, Lubricator and valve (part # 90010-P) should be installed in the air line ahead of the motor.

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.

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