

PailPRO^{Series} 305 Series Can Tumblers

Mix Inside Closed Shipping Cans

- Efficient “corner-over-corner” tumbling action
- Use common 1 to 5 gallon pails for mixing

Model 1-305-1 shown



Single Can Tumblers rotate one can “corner-over-corner”

PailPROTM 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 (19 RPM on 50Hz models) 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” (11.4 to 42 cm) tall
Up to 12.5” (31.75 cm) in diameter

Can Speed: 23 RPM on 60Hz models
19 RPM on 50Hz models

Capacity: 100 Lb. (45 kg) per can

Motor: AC Single or 3 phase, 60 or 50 Hz
Explosion proof available
Air powered models available

Domestic ship dimensions: L48” W40” H29” (122 x 102 x 74 cm)

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 must be wired according to your local codes by a qualified electrician.

- Use separate can for each batch
- No container to purge between batches

Model 2-305-1 shown



Double Can Tumblers rotate one or two cans at a time

Enclosures with Safety Interlock



Guard Enclosure shown installed with Double Can Tumbler
(Can Tumbler sold separately).

Install all Morse Can Tumblers and drum rotators in accordance with OSHA requirements for enclosure with interlock, etc. For OSHA compliance, see OSHA subpart O.1910.212(a)(4) “Barrels, containers, and drums. Revolving drums, barrels, and containers shall be guarded by an enclosure which is interlocked with the drive mechanism, so that the barrel, drum, or container cannot revolve unless the guard enclosure is in place.”

Power connections and motor controls must comply with applicable codes.

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305 Series Can Tumblers

Can Tumbler Model Numbers

Model #	Rotates	Motor		Volts AC	Hz	Phase	Full Load Amp Draw	Domestic Ship Weight
2-305-1	1 or 2 cans at 23 RPM	1/4 HP	TEFC with 1 to 60 minute timer	115V	60	1	5.0	205 Lb. (93 kg)
2-305-1-50	1 or 2 cans at 19 RPM	1/2 HP	TEFC	110 / 220V	50	1	7.2 / 3.6	205 Lb. (93 kg)
2-305-1-230	1 or 2 cans at 23 RPM	1/4 HP	TEFC	208 / 230V	60	1	3.0 / 2.5	205 Lb. (93 kg)
2-305-3	1 or 2 cans at 23 RPM	1/4 HP	TEFC	208-230 / 460V	60	3	1.7 / 1.3 / .7	205 Lb. (93 kg)
2-305-3-50	1 or 2 cans at 19 RPM	1/4 HP	TENV	190 / 380V	50	3	1.2 / .6	205 Lb. (93 kg)
2-305-575	1 or 2 cans at 23 RPM	1/2 HP	TEFC	575V	60	3	.8	205 Lb. (93 kg)
2-305-A	1 or 2 cans at 23 RPM	1/4 HP	Air motor **	-	-	-	-	190 Lb. (86 kg)
2-305-E1	1 or 2 cans at 23 RPM	1/4 HP	Explosion proof *	115 / 208-230V	60	1	5.0 / 2.6-2.5	210 Lb. (95 kg)
2-305-E1-50	1 or 2 cans at 19 RPM	1/4 HP	Explosion proof *	110 / 220V	50	1	5.6 / 2.8	210Lb. (95 kg)
2-305-E3	1 or 2 cans at 23 RPM	1/4 HP	Explosion proof *	208-230 / 460V	60	3	1.4-1.3 / .7	231 Lb. (105 kg)
2-305-E3-50	1 or 2 cans at 19 RPM	1/2 HP	Explosion proof *	230 / 400V	50	3	1.7 / 1.0	231 Lb. (105 kg)
2-305-E575	1 or 2 cans at 23 RPM	1/2 HP	Explosion proof *	575V	60	3	.7	231 Lb. (105 kg)
1-305-1	1 can at 23 RPM	1/4 HP	TEFC with 1 to 60 minute timer	115V	60	1	5.0	175 Lb. (80 kg)
1-305-1-50	1 can at 19 RPM	1/2 HP	TEFC	110 / 220V	50	1	7.2 / 3.6	175 Lb. (80 kg)
1-305-1-230	1 can at 23 RPM	1/4 HP	TEFC	208 / 230V	60	1	3.0 / 2.5	175 Lb. (80 kg)
1-305-3	1 can at 23 RPM	1/4 HP	TEFC	208-230 / 460V	60	3	1.7 / 1.3 / .7	155 Lb. (70 kg)
1-305-3-50	1 can at 19 RPM	1/4 HP	TENV	190 / 380V	50	3	1.2 / .6	155 Lb. (70 kg)
1-305-575	1 can at 23 RPM	1/2 HP	TEFC	575V	60	3	.8	155 Lb. (70 kg)
1-305-A	1 can at 23 RPM	1/4 HP	Air motor **	-	-	-	-	155 Lb. (70 kg)
1-305-E1	1 can at 23 RPM	1/4 HP	Explosion proof *	115 / 208-230V	60	1	5.0 / 2.6-2.5	180 Lb. (82 kg)
1-305-E1-50	1 can at 19 RPM	1/4 HP	Explosion proof *	110 / 220V	50	1	5.6 / 2.8	180 Lb. (82 kg)
1-305-E3	1 can at 23 RPM	1/4 HP	Explosion proof *	208-230 / 460V	60	3	1.4-1.3 / .7	180 Lb. (82 kg)
1-305-E3-50	1 can at 19 RPM	1/2 HP	Explosion proof *	230 / 400V	50	3	1.7 / 1.0	180 Lb. (82 kg)
1-305-E575	1 can at 23 RPM	1/2 HP	Explosion proof *	575V	60	3	.7	180 Lb. (82 kg)

* Explosion proof motors are rated for class I group D and class II groups F and G.

** 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.

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Power connections and motor controls must comply with applicable codes.

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