

MORSE 

305 SERIES

SPECIFICATIONS SHEET

PAILPRO™ CAN TUMBLERS

Mix / Blend in Small Batches

PAILPRO Can Tumblers Mix Inside Closed Cans

Rotate cans or pails “corner-over-corner” to thoroughly blend ingredients. Tumble parts with media to polish or deburr.

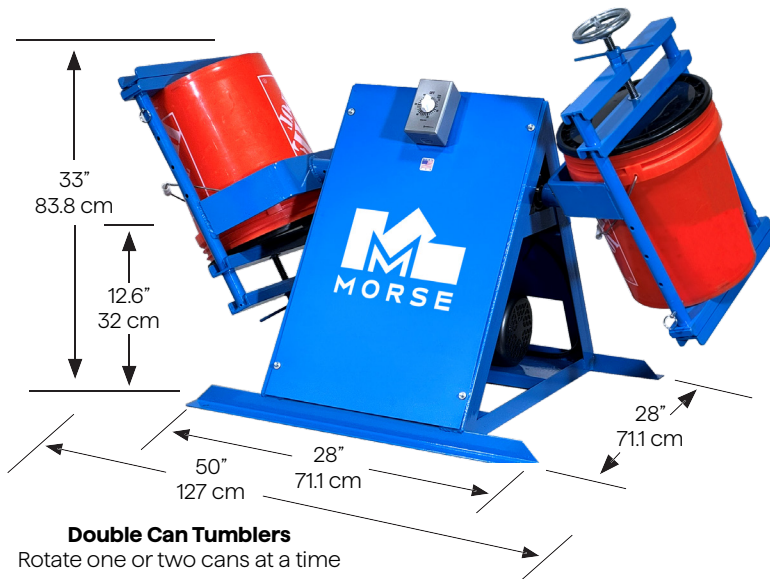
Save Time And Money

Mix right inside ordinary pails. No special containers or insertion mixers. No costly transfer and no messy clean-up. Reduce spills and hazards of worker exposure. Quickly secure can in holder with adjustable bottom cross bar and screw-down top bar with locking handle.



1-305-1
single can tumbler

Cans rotate at angle to horizontal shaft for thorough “corner-over-corner” mixing action. Rotate pails at constant 23 RPM (19 RPM on 50Hz models) in one direction. Does NOT shake or oscillate cans.



1/4 HP motor provides plenty of power for long service.

- Efficient “corner-over-corner” tumbling action
- Mix common 1 to 5 (4 to 20L) gallon pails
- No container to purge between batches

Handle Can:

- 4.5” to 16.5” (11.4 to 42 cm) tall
- Up to 12.5” (31.75 cm) in diameter

Rotation 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



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Single phase, 115V models (1-305-1 and 2-305-1) have timer. Select running time from 1 to 60 minutes with automatic shut-off.

All other models do NOT have timer, cord or plug, and must be wired according to your local codes by a qualified electrician.

MODEL	MOTOR STYLE	HZ	PHASE	VOLTAGE / AMP DRAW	CAN RPM	MOTOR	CONTROL PACKAGE	GUARD ENCLOSURE KIT
1-305-1	TEFC with 1 to 60 minute timer	60	1	115V / 5.0	23 RPM	1/4 HP	-	GEK-1-305-1
1-305-1-230	TEFC	60	1	208V / 3.0 230V / 2.5	23 RPM	1/4 HP	CP-305-1-230	GEK-1-305-1-230
1-305-1-50	TEFC	50	1	110V / 7.2	19 RPM	1/2 HP	CP-305-1-220-50	GEK-1-305-1-50
1-305-1-50-CE	TEFC	50	1	220V / 3.6	19 RPM		INCLUDED	INCLUDED
1-305-3	TEFC	60	3	208V / 1.7 230V / 1.3 460V / 0.7	23 RPM	1/4 HP	CP-305-3-230 CP-305-3-460	GEK-1-305-3
1-305-3-50	TENV	50	3	380V / 0.5	19 RPM	1/4 HP	CP-305-3-400-50	GEK-1-305-3-50
1-305-3-50-CE	TENV	50	3	400V / 0.6	19 RPM		INCLUDED	INCLUDED
1-305-575	TEFC	60	3	575V / 0.8	23 RPM	1/2 HP	CP-305-3-575	GEK-1-305-575
1-305-A	Air motor **	-	-	-	23 RPM	1/4 HP	90010-P (FRL & Valve)	GEK-1-305-A
1-305-E1	Explosion proof *	60	1	115V / 5.0 208V / 2.6 230V / 2.5	23 RPM	1/4 HP	CP-305-E1-115 CP-305-E1-230	GEK-1-305-E1
1-305-E1-50	Explosion proof *	50	1	110V / 5.6 220V / 2.8	19 RPM	1/4 HP	CP-305-E1-220-50	GEK-1-305-E1-50
1-305-E3	Explosion proof *	60	3	208V / 1.4 230V / 1.3 460V / 0.7	23 RPM	1/4 HP	CP-305-E3-208 CP-305-E3-230 CP-305-E3-460	GEK-1-305-E3
1-305-E3-50	Explosion proof *	50	3	230V / 1.7 400V / 1.0	19 RPM	1/2 HP	CP-305-E3-230-50 CP-305-E3-400-50	GEK-1-305-E3-50
1-305-E575	Explosion proof *	60	3	575V / 0.7	23 RPM	1/2 HP	CP-305-E3-575	GEK-1-305-E575
2-305-1	TEFC with 1 to 60 minute timer	60	1	115V / 5.0	23 RPM	1/4 HP	-	GEK-2-305-1
2-305-1-230	TEFC	60	1	208V / 3.0 230V / 2.5	23 RPM	1/4 HP	CP-305-1-230	GEK-2-305-1-230
2-305-1-50	TEFC	50	1	110V / 7.2 220V / 3.6	19 RPM	1/2 HP	CP-305-1-220-50	GEK-2-305-1-50
2-305-1-50-CE	TEFC	50	1	220V / 3.6	19 RPM		INCLUDED	INCLUDED
2-305-3	TEFC	60	3	208V / 1.7 230V / 1.3 460V / 0.7	23 RPM	1/4 HP	CP-305-3-230 CP-305-3-460	GEK-2-305-3
2-305-3-50	TENV	50	3	380V / 0.5	19 RPM	1/4 HP	CP-305-3-400-50	GEK-2-305-3-50
2-305-3-50-CE	TENV	50	3	400V / 0.6	19 RPM		INCLUDED	INCLUDED
2-305-575	TEFC	60	3	575V / 0.8	23 RPM	1/2 HP	CP-305-3-575	GEK-2-305-575
2-305-A	Air motor **	-	-	-	23 RPM	1/4 HP	90010-P (FRL & Valve)	GEK-2-305-A
2-305-E1	Explosion proof *	60	1	115V / 5.0 208V / 2.6 230V / 2.5	23 RPM	1/4 HP	CP-305-E1-115 CP-305-E1-230	GEK-2-305-E1
2-305-E1-50	Explosion proof *	50	1	110V / 5.6 220V / 2.8	19 RPM	1/4 HP	CP-305-E1-220-50	GEK-2-305-E1-50
2-305-E3	Explosion proof *	60	3	208V / 1.4 230V / 1.3 460V / 0.7	23 RPM	1/4 HP	CP-305-E3-208 CP-305-E3-230 CP-305-E3-460	GEK-2-305-E3
2-305-E3-50	Explosion proof *	50	3	230V / 1.7 400V / 1.0	19 RPM	1/2 HP	CP-305-E3-230-50 CP-305-E3-400-50	GEK-2-305-E3-50
2-305-E575	Explosion proof *	60	3	575V / 0.7	23 RPM	1/2 HP	CP-305-E3-575	GEK-2-305-E575

* 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 (Morse Kit # 90010-P) should be installed in the air line ahead of the motor. TEFC = Totally Enclosed Fan Cooled TENV = Totally Enclosed Non-Ventilated



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Pail Tumblers

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LARGER ENCLOSURE KITS FOR TUMBLER WITH XLC OPTION

ENCLOSURE KIT	FITS TUMBLER # WITH XLC OPTION	DESCRIPTION
GEK-XLC-1-305-1	1-305-1	Larger Enclosure for 1-305-1 with XLC Option
GEK-XLC-1-305-3	1-305-3	Larger Enclosure for 1-305-3 with XLC Option
GEK-XLC-1-305-A	1-305-A	Larger Enclosure for 1-305-A with XLC Option
GEK-XLC-1-305-E1	1-305-E1	Larger Enclosure for 1-305-E1 with XLC Option
GEK-XLC-1-305-E3	1-305-E3	Larger Enclosure for 1-305-E3 with XLC Option
GEK-XLC-2-305-1	2-305-1	Larger Enclosure for 2-305-1 with XLC Option
GEK-XLC-2-305-3	2-305-3	Larger Enclosure for 2-305-3 with XLC Option
GEK-XLC-2-305-A	2-305-A	Larger Enclosure for 2-305-A with XLC Option
GEK-XLC-2-305-E1	2-305-E1	Larger Enclosure for 2-305-E1 with XLC Option
GEK-XLC-2-305-E3	2-305-E3	Larger Enclosure for 2-305-E3 with XLC Option

IMPORTANT NOTE: Larger Can Holder Options REQUIRE larger enclosures than standard can tumblers, and larger crates when being exported.

Enclosures with Safety Interlock



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

Install all Morse Can Tumblers in accordance with OSHA, CE and CE requirements for enclosure with interlock, etc.

For OSHA compliance, see OSHA subpart O.1910.212(a)@ "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.

OPTIONS TO MIX LARGER CANS

OPTION #	INSTALL ON	DESCRIPTION	MAXIMUM CAN DIAMETER	CAN HEIGHTS ACCOMMODATED	MAXIMUM CAN WEIGHT
XLC-1-305	1-305 Series	Option for larger can on Single Can Tumbler	16" (40.64 cm)	11" to 22" (28 to 55.9 cm)	100 Lb. (45.4 kg)
XLC-2-305	2-305 Series	Option for larger cans on Double Can Tumbler	16" (40.64 cm)	11" to 22" (28 to 55.9 cm)	100 Lb. (45.4 kg)

Options to Mix Larger Cans

Accommodate a can:

- Up to 16" (40.6 cm) diameter
- 11" to 22" (28 to 55.9 cm) tall
- Capacity: 100 Lb. (45.5 kg) per can

These options include raised base and larger can holder(s).

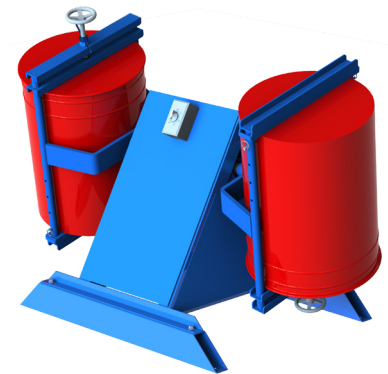
Extra Large Can Holder 6030CPT-P



Option XLC-1-305

Single Can Tumbler shown with option to mix a larger can installed.

- Option XLC-1-305 includes
- 1 Extra-Large Can Holder
 - 2 Risers for Can Tumbler base



Option XLC-2-305

Double Can Tumbler shown with option to mix two larger cans installed.

- Option XLC-2-305 includes
- 2 Extra-Large Can Holders
 - 2 Risers for Can Tumbler base