

Propeller Mixers

Dayton

Use in drums, tanks, or pails to blend contents and create uniform consistency, combine liquids, and suspend or dissolve solids. Long shafts extend into containers and turn propellers to efficiently mix materials.

Corded mixers have an electric motor that drives the shaft and delivers strong mixing torque. For use in long-term installations that won't require repositioning. Should not be used to blend flammable materials.

Air-powered mixers do not create electric sparks, and can safely blend flammable materials like paints, cleaning products, and pharmaceuticals. They use compressed air to drive the shaft and are lightweight, easy to reposition, and run cooler for a long lifespan. Adjusting the air supply controls the mixing speed.

For Container Capacity	Shaft Length	Propeller Type	Maximum Motor Horsepower	Operating Voltage	No. of Blades	Maximum Mixing Speed	Compatible Viscosity Level	Pitch Type	Mounting Type	Item No.
Corded Propeller Mixers										
Side Mounting										
55 gal	32 in	Folding	½ hp	115/230V AC	2	1,725 RPM	Low	Machine Pitch	Clamp	32V135
100 gal	30 in	Fixed	1/20 hp	115V AC	3	1,700 RPM	Medium	Machine Pitch	Clamp	32V142
100 gal	32 in	Fixed	¼ hp	115/230V AC	3	1,750 RPM	Medium	Machine Pitch	Clamp	32V133
100 gal	32 in	Fixed	½ hp	115/230V AC	3	1,750 RPM	Medium	Machine Pitch	Clamp	32V134
Top Mounting										
55 gal	29 in	Folding	½ hp	115/230V AC	2	1,725 RPM	Low	Machine Pitch	Thread into Bung	32V136
550 gal	40 in	Folding	½ hp	115/230V AC	2	450 RPM	Medium	Machine Pitch	Thread into Bung	32V137
550 gal	40 in	Folding	¾ hp	115/230V AC	2	450 RPM	Medium	Machine Pitch	Thread into Bung	32V138
3000 gal	48 in	Fixed	½ hp	115/230V AC	3	350 RPM	High	Machine Pitch	Clamp	32V140
3000 gal	48 in	Fixed	½ hp	115/230V AC	3	350 RPM	High	Machine Pitch	Clamp	32V139
3000 gal	60 in	Fixed	¾ hp	115/230V AC	3	350 RPM	High	Machine Pitch	Clamp	32V141
Shaft Length		Propeller Type	Maximum Motor Horsepower	Air Inlet Connection		Maximum Mixing Speed	Compatible Viscosity Level	Item No.		
Air-Powered Propeller Mixers										
Handheld										
20 ½ in		Fixed	½ hp	¼ in Female NPT		1,000 RPM	All	32V130		
Side Mounting										
32 in		Folding	½ hp	¼ in Female NPT		2,000 RPM	Low	32V124		
35 in		Fixed	½ hp	¼ in Female NPT		2,000 RPM	All	32V122		
36 in		Fixed	2 hp	½ in Female NPT		2,000 RPM	All	32V128		
36 in		Fixed	1 hp	¼ in Female NPT		2,000 RPM	All	32V127		
Top Mounting										
12 in		Fixed	5/16 hp	¼ in Female NPT		2,000 RPM	All	32V131		
12 in, 16 in, 20 in, 24 in		Fixed	½ hp	¼ in Female NPT		2,000 RPM	All	32V129		
32 in		Folding	½ hp	¼ in Female NPT		2,000 RPM	Low	32V123		
32 in		Fixed	½ hp	¼ in Female NPT		2,000 RPM	All	32V132		
40 in		Folding	½ hp	¼ in Female NPT		430 RPM	Low	32V125		



**Corded
32V142**



**Air-Powered
32V132**

MORSE

Roller and Tumbler Mixers

- Automated operation

Agitate contents within closed containers without contact, preventing worker exposure to liquids or hazardous substances, and eliminating risk of contamination. Ensure uniform consistency for mixing wet or dry substances. Used in factories and manufacturing facilities to thoroughly blend materials such as powders, paints, oils, chemicals, and syrups.

Drum roller mixers hold drums and barrels horizontally and roll them in a single direction to gently mix contents.

Drum tumbler mixers rotate barrels and drums end-over-end to aggressively blend contents. Ideal for dry and wet substances that are very dense or granular.

Pail tumbler mixer rotates pails and cans end-over-end to blend contents.

Safety enclosures are gated enclosures with a safety interlock, required to comply with OSHA regulations. Order separately.



**Roller Mixer
9KEK8**



**Tumbler Mixer
45PC69**

**Safety
Enclosure
45PC71**



Overall WxDxH	Drum Loading	Full Container Weight Capacity	Enclosure	Operating Voltage @ Current	For Drum Capacity	Maximum Motor Horsepower	For Number of Drums	For Max. Drum HxDia.	MIXER Item No.	SAFETY ENCLOSURE Item No.
Drum Roller Mixers										
Single Phase - Variable Speed										
21 in x 34.75 in x 19.25 in	Lift to Load, Tilt to Load	300 lb Dry Load, 500 lb Liquid Load	Explosion Proof TEFC	115V @ 7.4A, 208V @ 3.9A, 230V @ 3.7A	55 gal	½ hp	1	38 in x 28 in	29XU28	29XU29
21 in x 34.75 in x 19.25 in	Lift to Load, Tilt to Load	300 lb Dry Load, 500 lb Liquid Load	TEFC	115V @ 7.4A	55 gal	½ hp	1	38 in x 28 in	9KEK8	29XU27
Single Phase - Fixed Speed										
21 in x 34.75 in x 19.25 in	Lift to Load, Tilt to Load	300 lb Dry Load, 500 lb Liquid Load	TEFC	115V @ 7.4A	55 gal	½ hp	1	38 in x 28 in	29XU26	29XU27
Three Phase - Variable Speed										
27.25 in x 73.63 in x 59.94 in	Hydraulic Lift	1,000 lb Liquid Load, 400 lb Dry Load	Explosion Proof	208V @ 3.1A, 230V @ 3A, 460V @ 1.5A	55 gal	1 hp	1	40 in x 26 in	45PC73	45PC75
Drum Tumbler Mixers										
Single Phase - Variable Speed										
39 in x 74.44 in x 53.13 in	Tilt to Load	800 lb	TEFC	115V @ 23A, 208V @ 12A, 230V @ 11.5A	30 to 55 gal	2 hp	1	37 in x 23 ½ in	45PC69	45PC71
Three Phase - Variable Speed										
39 in x 74.44 in x 53.13 in	Tilt to Load	800 lb	TEFC	208V @ 5.3A, 230V @ 5A, 460V @ 2.5A	30 to 55 gal	2 hp	1	37 in x 23 ½ in	45PC70	45PC71
Pail Tumbler Mixers										
Single Phase - Fixed Speed										
50 in x 28 in x 33 in	Not Applicable	100 lb	TEFC	115V @ 5A	1 to 5 gal	¼ hp	2	16 ½ in x 12 ½ in	29XU30	29XU31