



**Missouri Filter & Process Equipment Co**  
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## Specialty Mixers

From pipe and pail to hand-held and handlebar, Neptune offers a complete line of specialty mixers for a wide variety of critical blending and mixing operations. Ideal for mixing small batches from 1-55 gal. (19-208 L), Neptune specialty mixers incorporate industry-leading design features that provide an operation that is easy, economical and efficient. All Neptune specialty mixers have been engineered and built to provide long life and trouble-free service.

# Specialty Mixers: Pipe and Pail-Mount

## Pail Mixers – Pipe Clamp

Ideal for mixing materials in 5-gal. (18.9 L) containers and other open containers. Mixer clamps to a vertical 1-1/2" (38.1 mm) pipe that allows it to be lowered into container and raised to change containers.

### FEATURES AND BENEFITS

- Air control valve for speed adjustment
- Folding propeller optional



MODEL	STANDARD MOTOR DESCRIPTION	DIMENSIONS INCHES (MM)		
		SHAFT LENGTH	PROPELLER DIAMETER	SHAFT DIAMETER
B-4.0P	1/4 HP - 1/2 HP AIR REQUIREMENTS: 10-17 CFM (0.3-0.5 CMM) AT 50-80 PSI (3.4-5.5 BAR)	24 (609.6)	4 (101.6) FIXED	5/8 (15.9)
B-4.0P-D	SAME AS ABOVE EXCEPT WITH DUAL PROPELLERS			

## Pail Mixers – Rim Clamp

Convenient mixer for mixing materials in 5-gal. (18.9 L) closed pails. The handle/motor assembly adjusts along the center line of the pail to align with the opening in pail lid.

### FEATURES AND BENEFITS

- Air control valve for speed adjustment on air motor model



MODEL	STANDARD MOTOR DESCRIPTION	DIMENSIONS INCHES (MM)		
		SHAFT LENGTH	PROPELLER DIAMETER	SHAFT DIAMETER
PAM-6.0	1/2 HP - 1 HP AIR REQUIREMENTS: 22-40 CFM (0.6-1.1 CMM) AT 40-80 PSI (2.8-5.5 BAR)	12 (304.8)	3-3/4 (95.3) FIXED	5/8 (15.9)

## HandleBar Pail and Drum Mixers

Popular for mixing open and closed head containers from 5 - 55 gal. (18.9 - 208.2 L). Can also be used to mix mortar, drywall compound and similar materials in 5-gal. (18.9 L) containers.

- Air control valve allows easy speed adjustment.
- Low speed mixing and stalling will not overheat as with an electric motor.
- Optional "deadman" trigger on right handle allows mixer to be started and stopped conveniently while maintaining grip with two hands. Specify Part Number 004646



MODEL	RECOMMENDED CONTAINER SIZE/TYPE	DIMENSIONS INCHES (MM)		
		SHAFT DIAMETER AND LENGTH	PROPELLER TYPE	PROPELLER SIZE
HAI-3.0	TO 10 GAL. (67.9 L) OPEN HEAD	1/2 X 21 (12.7 X 533.4)	CAGED IMPELLER	5 (127.0)
HAI-3.1	TO 55 GAL. (208.2 L) OPEN HEAD	1/2 X 40 (12.7 X 1016.0)	CAGED IMPELLER	5 (127.0)

All mixers above use air motor rated from 1/2 - 1 HP using 22 - 40 cfm (0.62 - 1.13 cmm) at 40 - 80 psi (2.6 - 5.5 bar).

# Specialty Mixers: Hand-Held

Air-driven mixers that feature a cast aluminum pistol grip to comfortably fit the hand.

Used to mix small batches of thin or heavy liquids. Air control valve allows easy speed adjustment. Low speed mixing and stalling in heavy liquids will not cause overheating as with an electric mixer.

316SS multi-blade cage impeller will not damage container and is ideal for rapid, thorough mixing of paints, adhesives, drywall compounds, etc. Two impeller sizes and three shaft lengths fit most open top containers from 1 - 55 gal. (3.8 - 208.2 L).



MODEL  
HH10

MODEL	RECOMMENDED CONTAINER SIZE	DIMENSIONS INCHES (MM)	
		SHAFT DIAMETER AND LENGTH	MIXING HEAD DIAMETER
HH12	1 - 2 GAL. (3.8 - 7.6 L)	1/4 X 15 (6.4 X 381.0)	2-5/8 (66.7)
HH10	5 - 10 GAL. (18.9 - 37.9 L)	1/2 X 21 (12.7 X 533.4)	5 (127.0)
HH55	50/55 GAL. (189.3/208.2 L)	1/2 X 40 (12.7 X 1,016.0)	5 (127.0)