

Mix Contents of Closed Steel Drum



- Use common steel drum for mixing
- No permanent container to purge between batches
- Use separate drum for each batch

Agitate your drum's contents without even opening the drum! Incorporate important stratified ingredients and eliminate sediment in the bottom of your drum. Mixing in closed drums eliminates the hazards, worker exposure, and messy cleanup associated with insertion mixers.

This compact, portable mixer and drum cradle rolls a closed drum to agitate the contents. You may also dispense directly from your drum through a faucet. The built-in tipping bar provides leverage to ease loading and unloading. The sides and back are enclosed to protect the drive.

Drum Sizes

- Roll a 6" to 28" (15.2 to 71 cm) diameter drum
- Up to 38" (97 cm) tall. Relocate wheels to accommodate various steel drum sizes.
- The tipping lever will ONLY engage a drum 30" (76.2 cm) or taller

Drum RPM

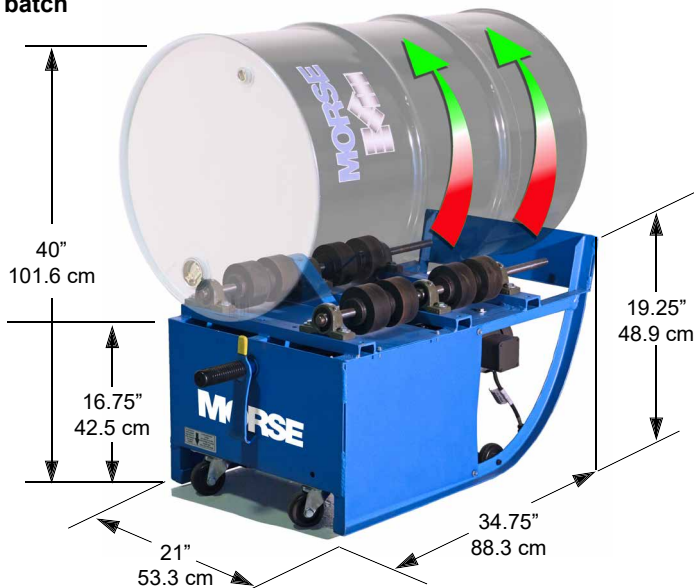
- Fixed speed models roll a 22.5" (57.2 cm) diameter drum at 20 RPM (16 RPM on 50Hz models)
- Variable speed models roll a drum from 15 to 24 RPM (13 to 20 RPM on 50Hz models)

Capacity of Wheeled Models

- Liquid load: 500 Lb. (227 kg)
- Dry load 300 Lb. (136 kg)

Maximum ambient operating temperature

- 140° F (60° C)



Kick Stand

Deploy Kick Stand to support drum roller in upright position.

Dispense Directly from Drum



Drain the contents of a drum directly into a smaller container for use as needed. A closed faucet can be in place while the drum is rotated.



Top Rim Hook

Engage Top Rim Hook to help in tipping it over into rolling position.



Simple Rock-Over Loading

Built-in tipping lever facilitates loading. Frame shape and height make loading easier. Note: Tipping lever only engages drum 30" (76.2 cm) or taller.

Internal Components

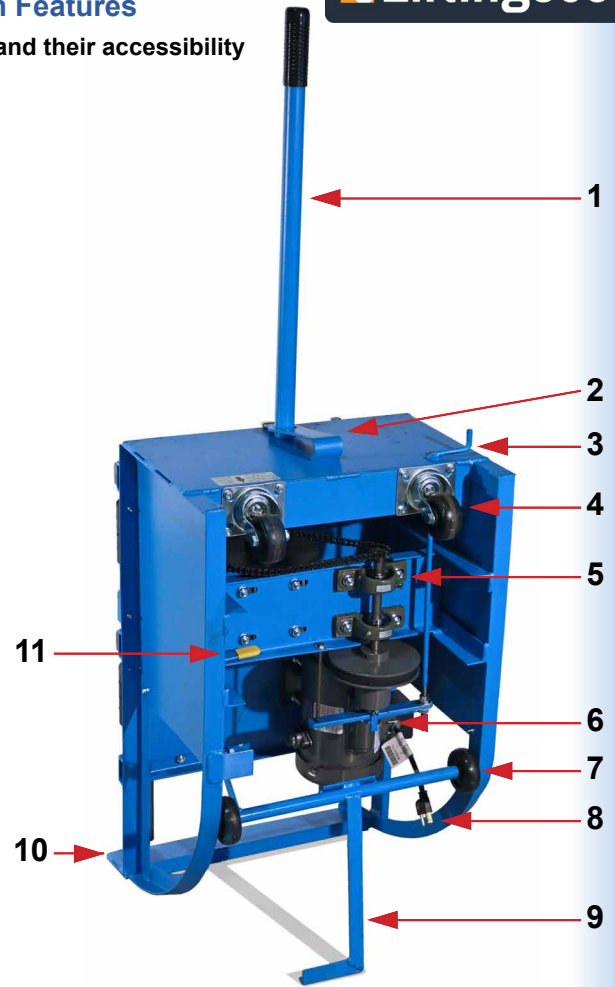
Large sprockets and roller chain for years of reliable drum rolling.

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Construction and Design Features

Bottom shows working parts and their accessibility

1. Built-in tipping lever extends to assist in loading drum
2. Chine hook
3. Variable speed control
4. Two 3" (7.6 cm) swivel casters for mobility.
5. Bearings support two jack shafts.
6. Standard motor is 1/2 HP, 60Hz, 115V, 1800 RPM, single phase, ball-bearing, totally enclosed type with manual reset overload protection, switch, cord and plug. Air motors and other electric motor voltages and types are available without protection, switch, cord or plug.
7. Two 3" (7.6 cm) polyolefin wheels
8. Single-phase AC models have 8" (20.3 cm) long cord and 3-prong plug
9. Kick stand supports unit when standing on end
10. Base plate
11. Kick stand release handle



Model # 201VS-1 shown

Steps To Use Portable Drum Roller

A. Extend tipping lever (1) and tilt drum roller to upright

B. Activate kickstand (9) by pulling with foot toward you until locked so drum roller stands by itself

C. Load drum onto base plate (10) with drum truck (model # 160 shown) or below-hook drum lifter

...continued on page 3



Steps To Use Morse Portable Drum Rollers (continued from page 2)

D. Extend tipping lever (1) fully and push toward drum. Engage chine hook (2) on top rim of drum



E. To raise kickstand (9), push tipping lever (1) toward drum to allow kick stand to clear the floor. Then pull yellow release handle (11)



F. Pull fully extended tipping lever (1) to tilt drum roller over to horizontal rolling position



G. Move drum roller into enclosure with interlock, connect power (8) and turn on

H. Once rolling is complete, turn off drum roller, disconnect power (8) and remove drum roller from enclosure



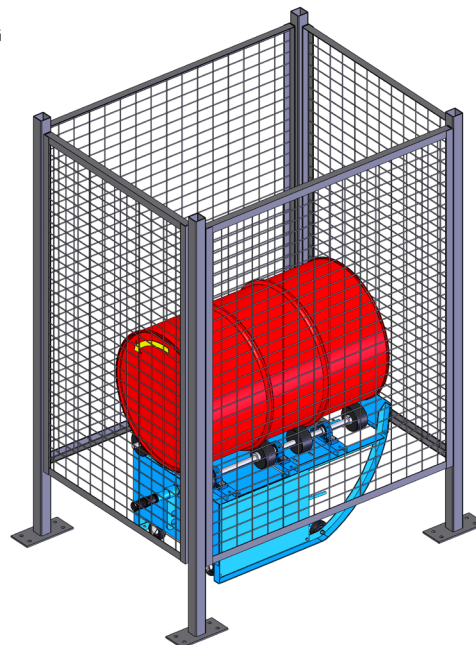
I. Extend tipping lever (1) and engage chine hook (2) on top rim of drum



J. Tilt drum roller back to upright and pull kickstand (9) with foot to support drum roller in upright position

K. Remove upright drum with drum truck or below-hook drum lifter

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Fixed Speed Wheeled Portable Drum Rollers

Model #	Motor	Volts	Full Load Amp Draw	Drum RPM *	Drum Roller Capacity		Handle Drum Diameter	Maximum Drum Length	Guard Enclosure Kit #	Control Package OUTSIDE Enclosure Model #
					Liquid Contents	Dry Contents **				
201/20-1	1/2 HP, 1-phase, 60Hz	115	7.4	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-1	N/A
201/20-1-50	1/2 HP, 1-phase, 50Hz	110 / 220	7.2 / 3.6	16	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-1	CP-201-1-220-50
201/20-3	1/2 HP, 3-phase, 60Hz	208-230 / 460	2.5-2.0 / 1.0	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-3	CP-201-3-230 CP-201-3-460
201/20-3-50	1/2 HP, 3-phase, 50Hz	230 / 400	1.7 / 1.0	16	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-3	CP-201-3-230-50 CP-201-3-400-50
201/20-575	1/2 HP, 3-phase, 60Hz	575	0.8	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-3	CP-201-3-575
201/20-E1	Explosion-proof, 1/2 HP, 1-phase, 60Hz	115 / 208-230	7.4 / 3.9-3.7	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-E1	CP-201-E1-115 CP-201-E1-230
201/20-E1-50	Explosion-proof, 1/2 HP, 1-phase, 50Hz	110 / 220	7.2 / 3.6	16	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-E1	CP-201-E1-220-50
201/20-E3	Explosion-proof, 1/2 HP, 3-phase, 60Hz	208-230 / 460	2.1-2.0 / 1.0	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-E3	CP-201-E3-208 CP-201-E3-230 CP-201-E3-460
201/20-E3-50	Explosion-proof, 1/2 HP, 3-phase, 50Hz	230 / 400	1.7 / 1.0	16	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-E3	CP-201-E3-230-50 CP-201-E3-400-50
201/20-E575	Explosion-proof, 1/2 HP, 3-phase, 60Hz	575	0.7	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-E3	CP-201-E3-575
201/20-A ***	Air Motor	-	-	20	500 Lb. (227 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	GEK-201-A	N/A

* RPM is based on standard 22.5" (57.15 cm) diameter 55-gallon (210 liter) drum.

** A shifting dry load exerts greater stress on the drum roller than the fluid motion of a liquid load.

*** Noise Level: 92 dB at distance of 6 feet (1.8 m)