

### Mix Contents of Closed FIBER Drum

- Mix right inside a closed FIBER drum
- Broad belts support weight of drum
- No permanent container to purge between batches
- Use separate drum for each batch

#### Drum RPM

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

**Capacity:** 300 Lb. (136.2 kg)

#### Maximum ambient operating temperature

- 140° F (60° C)

Agitate drum contents without even opening the drum!

- Incorporate important stratified ingredients
- Eliminate sediment in bottom of drum
- Reduce hazards, worker exposure and messy cleanup associated with insertion mixers

Compact, portable drum mixer and rolls a closed drum to agitate the contents. 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 16" to 23" (40.6 to 58.4 cm) diameter drum
- Up to 35" (88.9 cm) tall
- The tipping lever will ONLY engage a drum 30" (76.2 cm) or taller



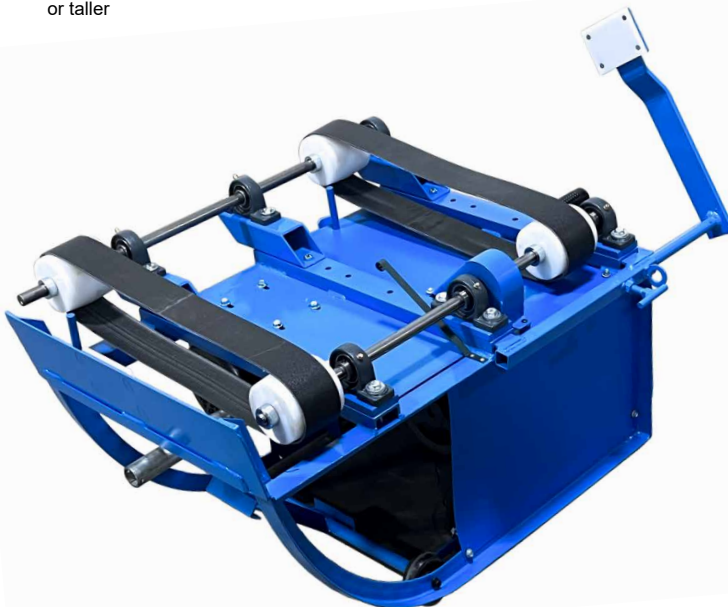
#### Kick Stand

Deploy Kick Stand to support drum roller in upright position for loading drum



#### Top Rim Hook

Engage Hook on top rim of drum to help in tipping it over into rolling position

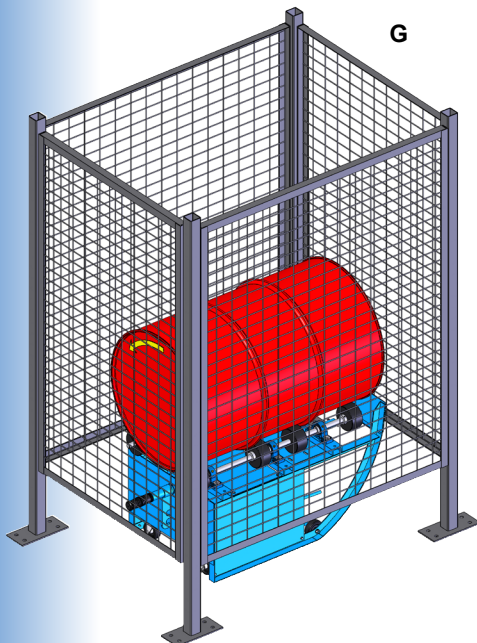


#### Simple Rock-Over Loading

Built-in tipping lever facilitates loading. The tipping lever will only engage a drum that is 30" (76.2 cm) or taller.

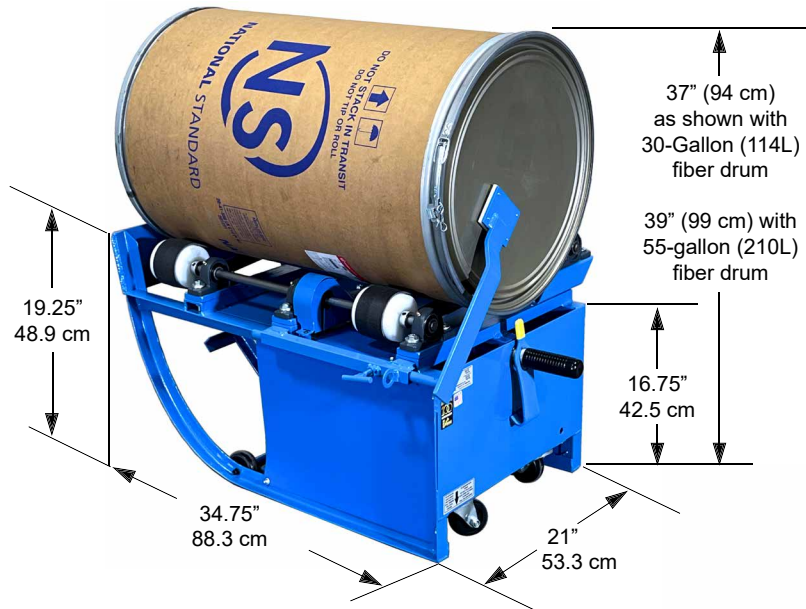
**Steps To Use Portable Drum Roller**

- A. Extend Tipping Lever and tilt drum roller to upright
- B. Activate Kick Stand by pulling with foot toward you until locked so drum roller stands by itself
- C. Load drum onto base plate with drum truck (model 160 shown) or below-hook drum lifter
- D. Secure chain around drum. Set End Stop to drum height. Extend Tipping Lever and engage Top Rim Hook on top rim of drum
- E. Raise Kick Stand by pushing Tipping Lever away from yourself to allow Kick Stand to clear floor. Then pull yellow release handle.
- F. Use Tipping Lever to tilt drum roller over to horizontal rolling position
- G. Move drum roller into enclosure (not shown) with interlock, close gate of enclosure and connect power and turn on
- H. Once drum mixing is complete, turn off, disconnect power and remove drum roller from enclosure
- I. Extend Tipping Lever and engage Top Rim Hook on top rim of drum
- J. Tilt drum roller back to upright and pull Kick Stand 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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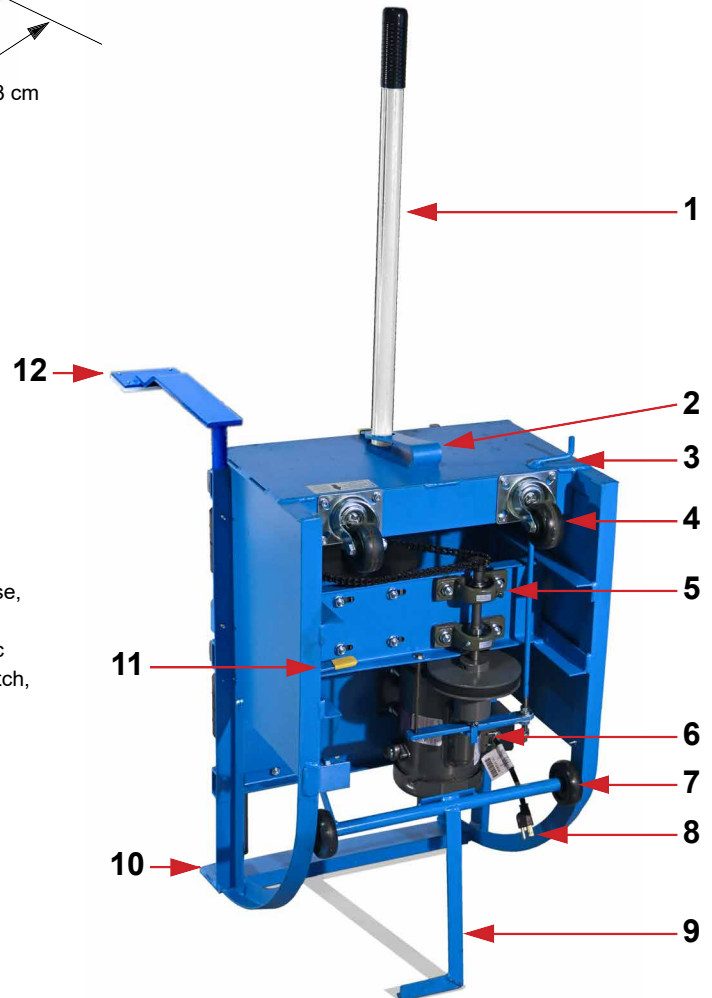
**Dimensions**



**Construction and Design Features**

**Bottom shows working parts and their accessibility**

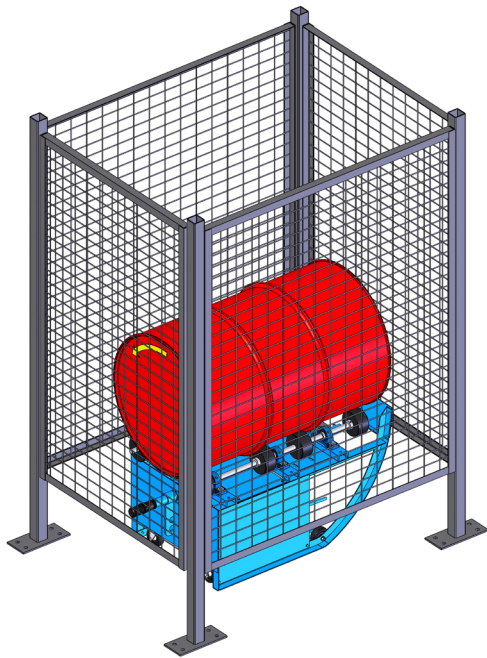
1. Built-in tipping lever extends to assist in loading drum
2. Top Rim Hook
3. Variable speed control
4. Two 3" (7.6 cm) swivel casters for mobility.
5. Bearings support two jack shafts.
6. Standard motor is 1/2 HP, 60Hz, 115V, 1800 RPM, single phase, ball-bearing, totally enclosed type with manual reset 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
12. End Stop



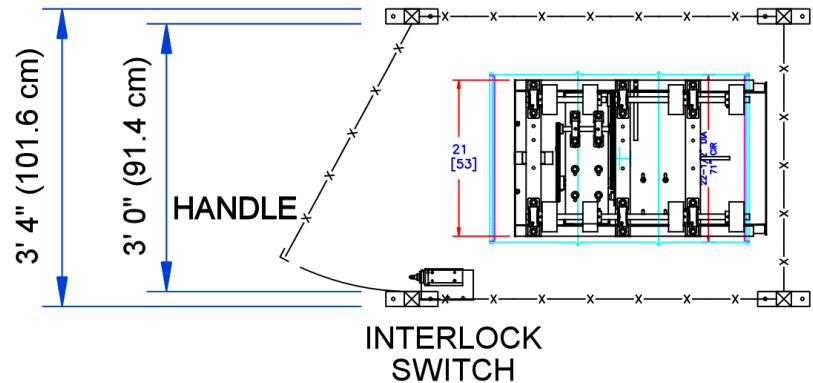
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### Guard Enclosure Kits with Safety Interlock

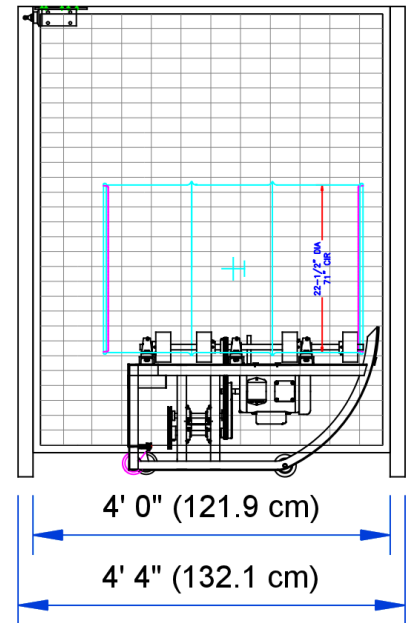
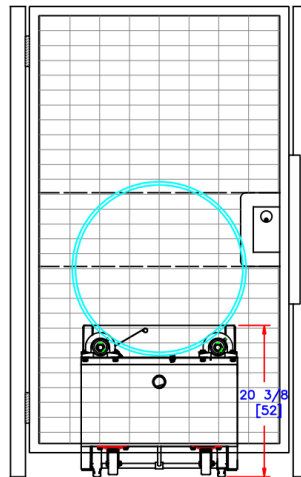
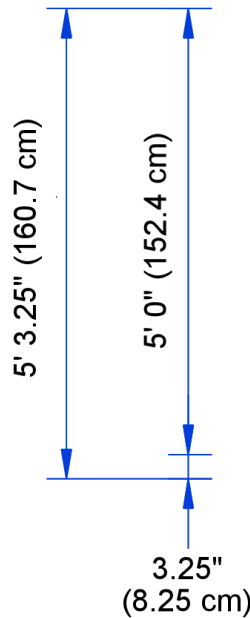
Comply with OSHA Requirements  
(Drum Roller Sold Separately)



Outside Post-To-Post Dimensions  
L52" x W40" x H63.25" (132 x 102 x 161 cm)  
3' (91.4 cm) WIDE DOOR OPENING



#### DOOR PANEL



Enclosures for Morse Portable Drum Rollers have a safety interlock to automatically shut off the drum roller when the gate is opened. Open the enclosure gate, place your drum onto the drum roller, then close the gate to allow operation. Connections are included for single-phase AC and for air powered models only. Customer to provide controls and connections for 3-phase AC and for explosion-proof AC models.

Install all Morse Drum Rotators in accordance with OSHA requirements for enclosure and safety interlock, etc. Drum roller automatically turns off when enclosure door is opened.

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.

Guard Enclosure Kit	Guard Enclosure Kit with Safety Interlock	Gate Switch
GEK-201-1	Fits Portable Drum Roller with 1-phase electric motor	AC
GEK-201-3	Fits Portable Drum Roller with 3-phase electric motor	AC
GEK-201-E1	Fits Portable Drum Roller with Explosion-proof 1-phase electric motor	AC
GEK-201-E3	Fits Portable Drum Roller with Explosion-proof 3-phase electric motor	AC
GEK-201-A	Fits Portable Drum Roller with Air motor	Air

\* Explosion Proof motors are rated for Class I Group D, and Class II Groups F and G

**Belted Fixed Speed Portable Drum Rollers for Fiber Drum**

Model #	Motor	Volts	Full Load Amp Draw	Drum RPM *	Capacity	Handle Drum Diameter	Maximum Drum Length	Guard Enclosure Kit #	Control Package OUTSIDE Enclosure Model #
<b>201B/20-1</b>	1/2 HP, 1-phase, 60Hz	115	7.4	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-1</b>	<b>N/A</b>
<b>201B/20-1-50</b>	1/2 HP, 1-phase, 50Hz	110 / 220	7.2 / 3.6	16	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-1</b>	<b>CP-201-1-220-50</b>
<b>201B/20-3</b>	1/2 HP, 3-phase, 60Hz	208-230 / 460	2.5-2.0 / 1.0	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-3</b>	<b>CP-201-3-230</b> <b>CP-201-3-460</b>
<b>201B/20-3-50</b>	1/2 HP, 3-phase, 50Hz	230 / 400	1.7 / 1.0	16	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-3</b>	<b>CP-201-3-230-50</b> <b>CP-201-3-400-50</b>
<b>201B/20-575</b>	1/2 HP, 3-phase, 60Hz	575	0.8	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-3</b>	<b>CP-201-3-575</b>
<b>201B/20-E1</b>	Explosion-proof, 1/2 HP, 1-phase, 60Hz	115 / 208-230	7.4 / 3.9-3.7	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E1</b>	<b>CP-201-E1-115</b> <b>CP-201-E1-230</b>
<b>201B/20-E1-50</b>	Explosion-proof, 1/2 HP, 1-phase, 50Hz	110 / 220	7.2 / 3.6	16	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E1</b>	<b>CP-201-E1-220-50</b>
<b>201B/20-E3</b>	Explosion-proof, 1/2 HP, 3-phase, 60Hz	208-230 / 460	2.1-2.0 / 1.0	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E3</b>	<b>CP-201-E3-208</b> <b>CP-201-E3-230</b> <b>CP-201-E3-460</b>
<b>201B/20-E3-50</b>	Explosion-proof, 1/2 HP, 3-phase, 50Hz	230 / 400	1.7 / 1.0	16	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E3</b>	<b>CP-201-E3-230-50</b> <b>CP-201-E3-400-50</b>
<b>201B/20-E575</b>	Explosion-proof, 1/2 HP, 3-phase, 60Hz	575	0.7	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E3</b>	<b>CP-201-E3-575</b>
<b>201B/20-A</b>	Air Motor **	-	-	20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-A</b>	<b>Controls included with GEK-201-A</b>

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

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

**Belted Variable Speed Portable Drum Rollers for Fiber Drum**

Model #	Motor	Volts	Full Load Amp Draw	Drum RPM *	Capacity	Handle Drum Diameter	Max. Drum Length	Guard Enclosure Kit #	Control Package OUTSIDE Enclosure Model #
<b>201BVS-1</b>	1/2 HP, 1-phase, 60Hz	115	7.4	Variable 15 to 24	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-1</b>	<b>N/A</b>
<b>201BVS-1-50</b>	1/2 HP, 1-phase, 50Hz	110 / 220	7.2 / 3.6	Variable 13 to 20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-1</b>	<b>CP-201-1-220-50</b>
<b>201BVS-3</b>	1/2 HP, 3-phase, 60Hz	208-230 / 460	2.5-2.0 / 1.0	Variable 15 to 24	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-3</b>	<b>CP-201-3-230 CP-201-3-460</b>
<b>201BVS-3-50</b>	1/2 HP, 3-phase, 50Hz	230 / 400	1.7 / 1.0	Variable 13 to 20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-3</b>	<b>CP-201-3-230-50 CP-201-3-400-50</b>
<b>201BVS-575</b>	1/2 HP, 3-phase, 60Hz	575	0.8	Variable 15 to 24	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-3</b>	<b>CP-201-3-575</b>
<b>201BVS-E1</b>	Explosion-proof, 1/2 HP, 1-phase, 60Hz	115 / 208-230	7.4 / 3.9-3.7	Variable 15 to 24	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E1</b>	<b>CP-201-E1-115 CP-201-E1-230</b>
<b>201BVS-E1-50</b>	Explosion-proof, 1/2 HP, 1-phase, 50Hz	110 / 220	7.2 / 3.6	Variable 13 to 20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E1</b>	<b>CP-201-E1-220-50</b>
<b>201BVS-E3</b>	Explosion-proof, 1/2 HP, 3-phase, 60Hz	208-230 / 460	2.1-2.0 / 1.0	Variable 15 to 24	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E3</b>	<b>CP-201-E3-208 CP-201-E3-230 CP-201-E3-460</b>
<b>201BVS-E3-50</b>	Explosion-proof, 1/2 HP, 3-phase, 50Hz	230 / 400	1.7 / 1.0	Variable 13 to 20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E3</b>	<b>CP-201-E3-230-50 CP-201-E3-400-50</b>
<b>201BVS-E575</b>	Explosion-proof, 1/2 HP, 3-phase, 60Hz	575	0.7	Variable 15 to 24	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-E3</b>	<b>CP-201-E3-575</b>
<b>201BVS-A **</b>	Air Motor	-	-	Variable 13 to 20	300 Lb. (136 kg)	16" to 23" (41 to 58 cm)	35" (89 cm)	<b>GEK-201-A</b>	<b>Controls included with GEK-201-A</b>

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

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