

**CE Marked Hydra-Lift Drum Rollers
include Controls and
Enclosure with Safety Interlock**

- Gently mix contents inside a sealed drum
 - Easy to load upright drum at floor-level
 - Ergonomic powered hydraulics tilt drum from upright over to rolling position
 - Roll a drum on its side at 4 to 16 RPM
 - Set timer to roll drum for up to 16 hours
 - Roll a steel drum up to 102 cm (40") tall, 15.25 to 66 cm (6" to 26") in diameter
 - Add Option # POLY-456 to roll a plastic drum
- **Capacity:** 454 kg (1000 Lb.) Liquid Load in drum
182 kg (400 Lb.) Dry Load in drum
 - **Maximum ambient operating temperature: 54°C (130°F)**

Remix settled ingredients, and integrate new components right inside a sealed drum. Nothing to insert into the drum. . . Eliminates transfer and clean-up. Use a separate drum for each batch. . . So no container to purge between batches.

Morse CE Marked Hydra-Lift Drum Rollers with included Controls and Enclosure with Safety Interlock are fully tested and certified compliant with European machine directives.

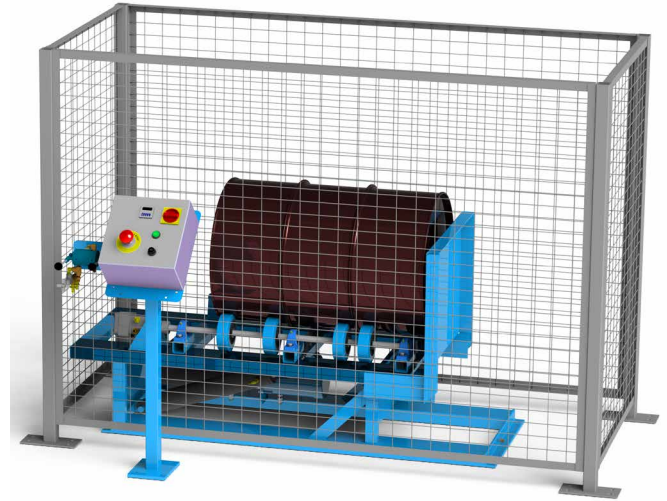
Load an upright drum at floor level. The drum roller is designed to roll your drum to thoroughly mix drum contents. Set the time of drum rotation anywhere from a few seconds to 16 hours. You adjust the rolling speed from 4 to 16 RPM.

Once mixing is complete, use the controls to return drum to upright position at floor-level for easy handling.

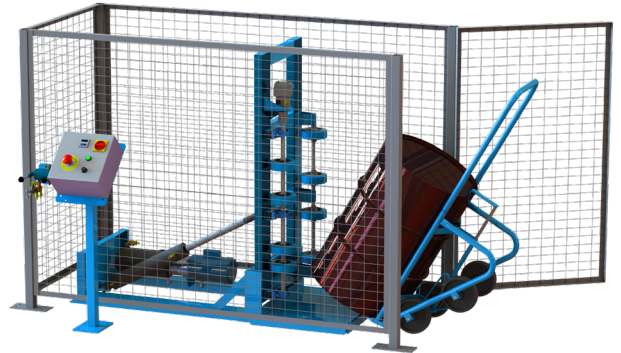
The enclosure has an integrated safety interlock, in accordance with European directives, so the machine automatically shuts off when the door is opened.

In case of any problem during operation, the Roller can be interrupted by pressing the red emergency stop.

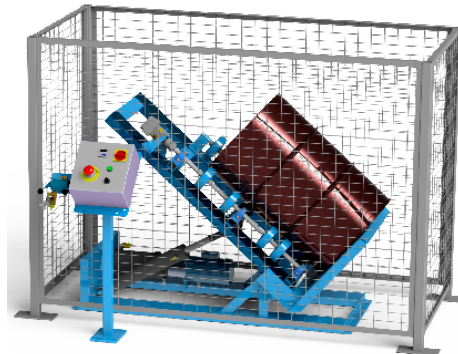
Power connections and motor controls must comply with applicable local codes.



Roll drum on its side to mix contents



Load upright drum onto base plate



Tilt drum over to rolling position



Magnet door closure

Model #	Description	Motor	Phase	Volts	Hz	Amp Draw	Drum RPM
456-1-50-CE	CE Marked Drum Roller, Controls, Enclosure with Safety Interlock and Export Crate	1HP TEFC	1	220	50	6.2	4 to 16
456-3-50-CE	CE Marked Drum Roller, Controls, Enclosure with Safety Interlock and Export Crate	1HP TEFC	3	400	50	1.8	4 to 16
Option #	Description						
POLY-456	Factory Installed Option to Roll a Plastic Drum						
POLY-456FI	Kit for customer to install to Roll Plastic Drum						

456 SPECIFICATION SHEET (CE Marked)	
Capacity: Liquid Load Dry Load	454 kg (100 Lb.) 182 kg (400 Lb.)
Drum Specs: Drum Diameter Drum Height	15.24 cm to 66.04 cm (6" to 26") up to 101.60 cm (40") tall
Drum RPM:	4 to 16 Variable Speed
Machine Height: Loading Position Rolling Position	152.40 cm (60") 88.90 cm (35")
Machine Floor Space: Loading Position Rolling Position	170.18 cm x 68.58 cm (67" Long x 27" Wide) 176.21 cm x 68.58 cm (69-3/8" Long x 27" Wide)
Enclosure Height:	160.66 cm (63.25")
Enclosure Floor Space:	223.52 cm x 101.60 cm (88" Long x 40" Wide)
Shipping Weight:	653.18 kg (1440 Lb.)
AC Motor Specs for Model 456-1-50-CE 1HP 1PH 1425 RPM 50HZ TEFC	VOLTS (AMP DRAW) 220V (6.2 Amps)
AC Motor Specs for Model 456-3-50-CE 1HP 3PH 1440 RPM 50HZ TEFC	VOLTS (AMP DRAW) 400V (1.8 Amps)
Max Hydraulic Pressure:	2100 PSI

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Shown without Enclosure for Clarity ONLY

Load and unload upright drum at floor level
 with a hand truck or crane

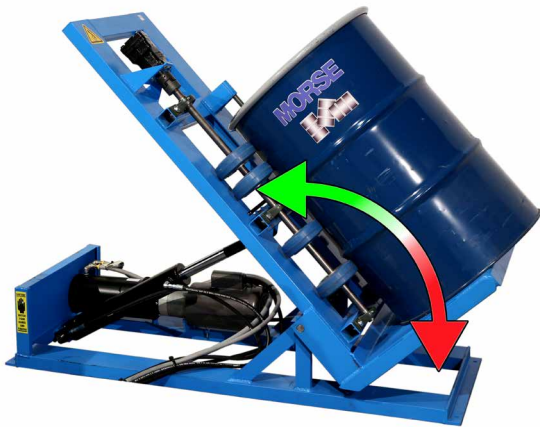


Load and unload drum with a drum truck such as [Morse model 160 4-wheel drum truck](#) shown here.

Load with your hoist or crane equipped with a [Below-the-Hook Drum Lifter](#). Morse model 92 shown.

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Power drum tilt



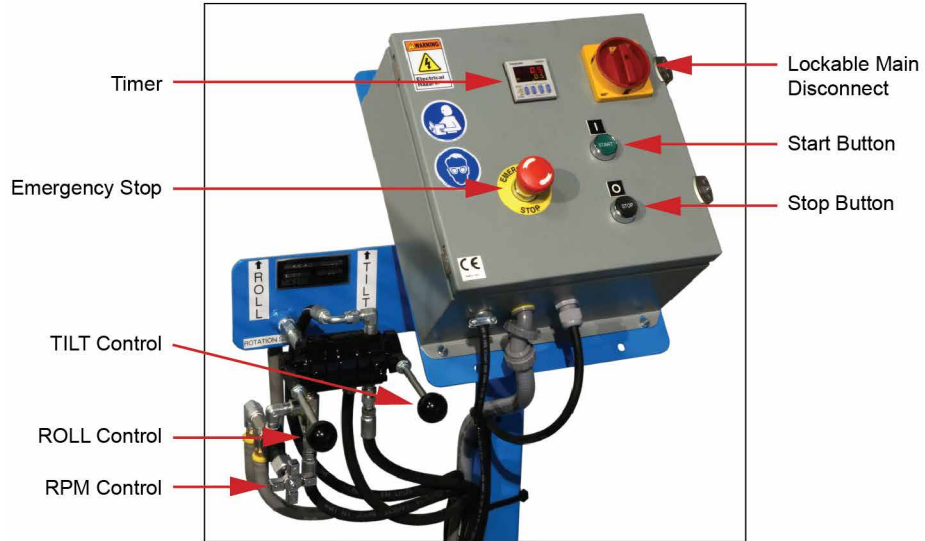
You control the built-in hydraulic system to take the upright drum to the horizontal position for rolling.

Control rolling speed of drum from 4 to 16 RPM



Roll your 200 liter (55-gallon) drum from 4 to 16 RPM with the variable speed hydraulic drive.

Control Station



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Push START button to activate power



Set timer to Roll drum for desired time, from just a few seconds... up to 16 hours



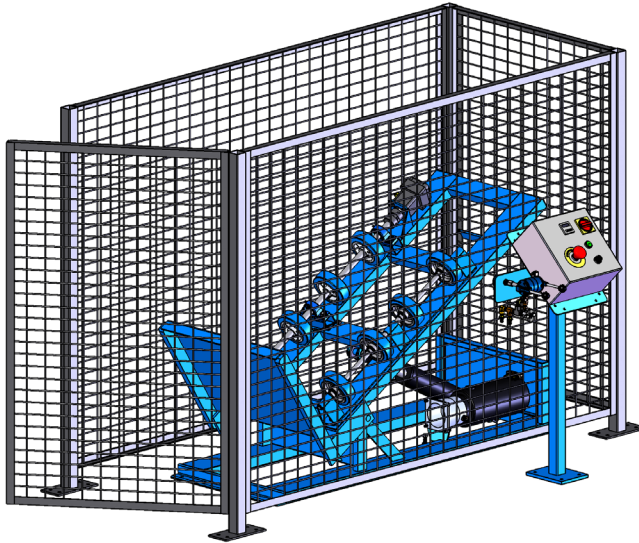
Use TILT handle to raise the drum into rotating position



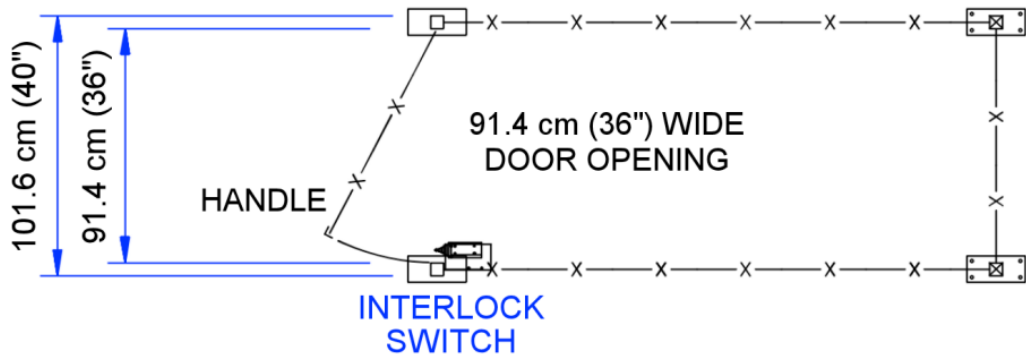
Use the ROLL handle to begin drum rotation



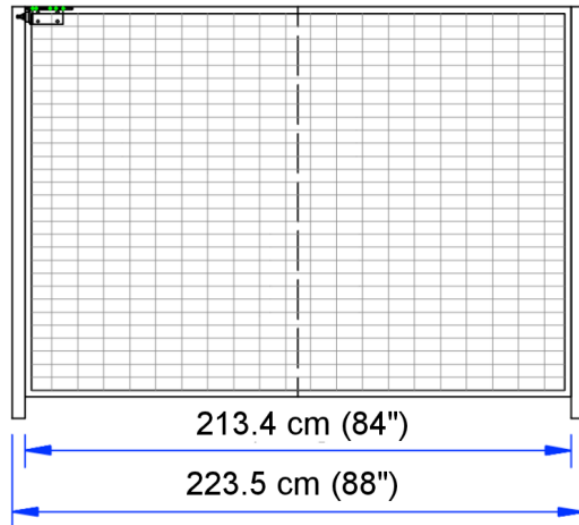
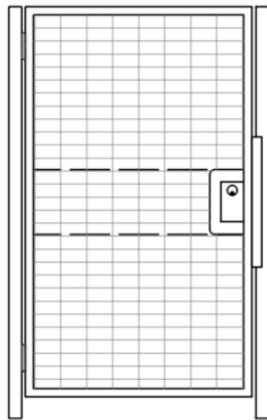
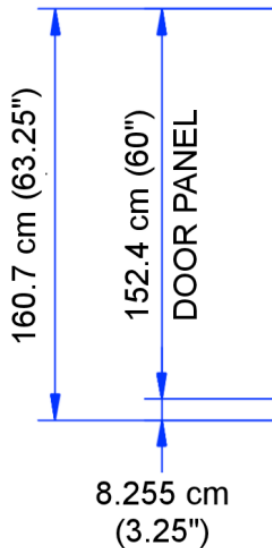
Adjust drum rotation from 4 to 16 RPM



Outside post-to-post Dimensions:
L224 x W102 x H161 cm
(L88" x W40" x H63.25")



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Enclosure Kit Parts List			
Qty.	Width	Height	Description
1	91 cm (36")	152 cm (60")	Wire Mesh Panel
2	213 cm (84")	152 cm (60")	Wire Mesh Panel
1	89 cm (34-7/8")	152 cm (60")	Hinge Door
4	5.1 cm (2")	161 cm (63.25")	Corner Post