



MORSE 

456-CE SERIES

SPECIFICATIONS SHEET

CE MARKED HYDRA-LIFT DRUM ROLLERS

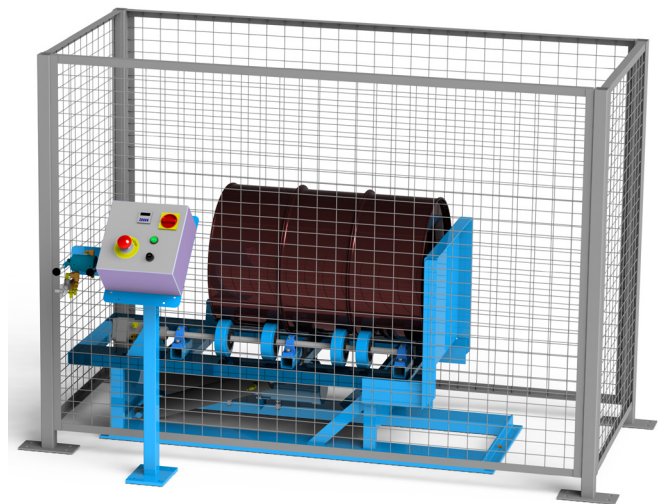
*Built-in Hydraulics Tilt Upright Drum
to Horizontal Position*

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.



Roll drum on its side to mix contents

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						



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Hydra-Lift Drum Rollers

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

Operating a Hydra-Lift Drum Roller

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.

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

Shown without Enclosure for Clarity ONLY



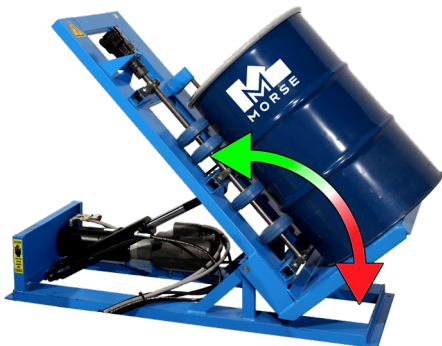
1. Load and unload drum with a drum truck such as Morse model 160 4-wheel drum truck shown here.

2. Load with your hoist or crane equipped with a Below-Hook Drum Lifter. Morse model 92 shown.



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

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



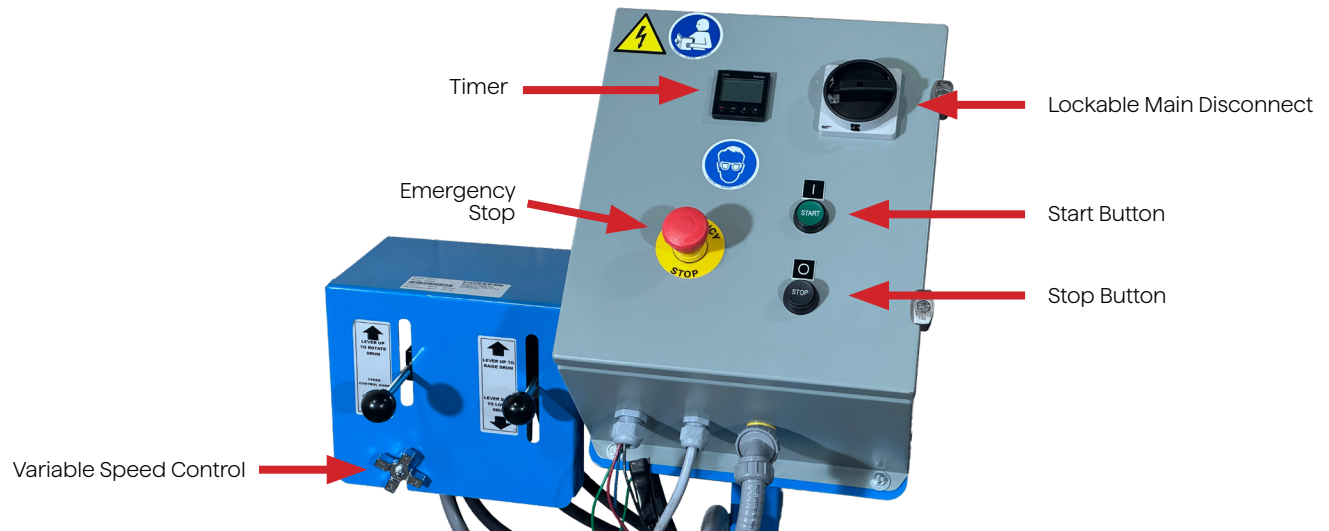


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Hydra-Lift Drum Rollers

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CONTROL STATION



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

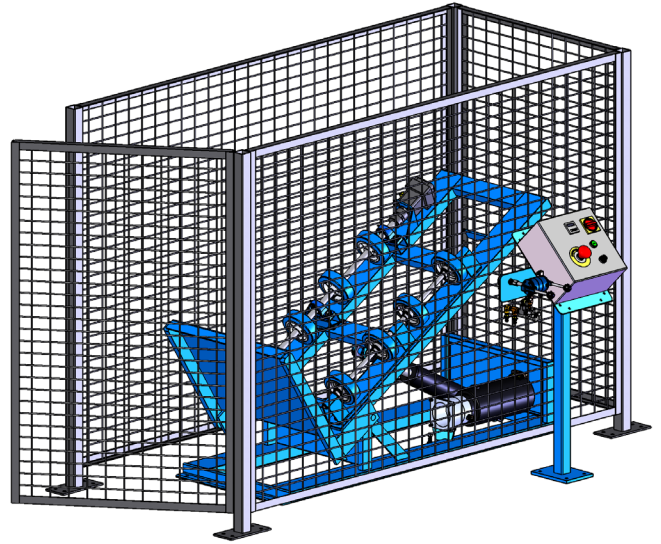


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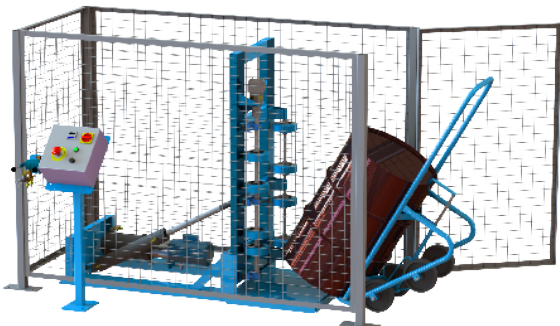
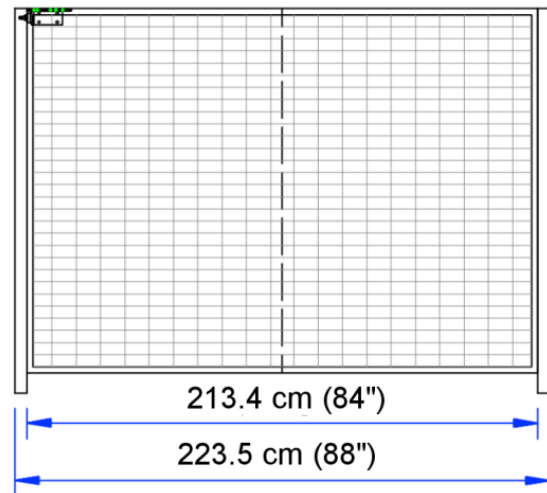
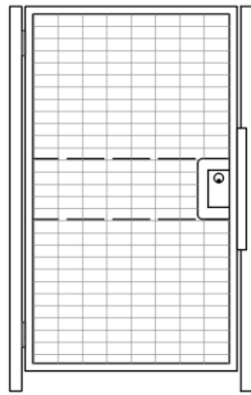
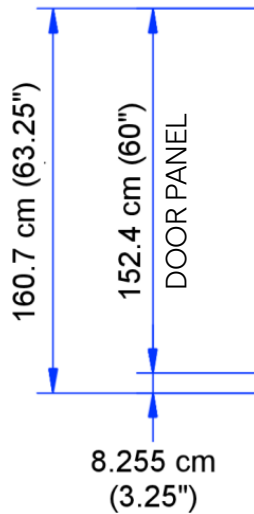
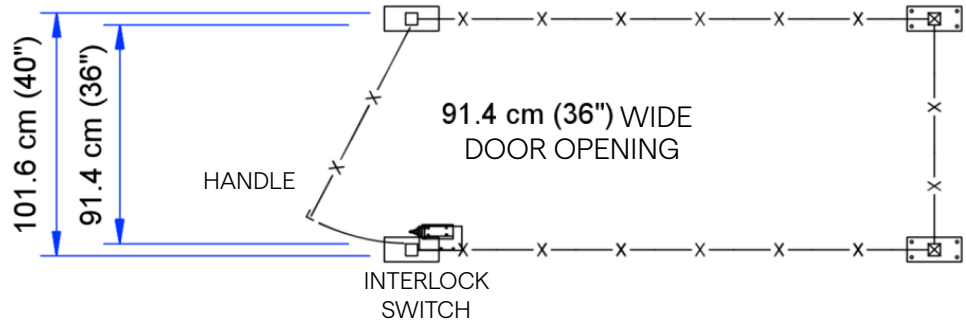
Hydra-Lift Drum Rollers

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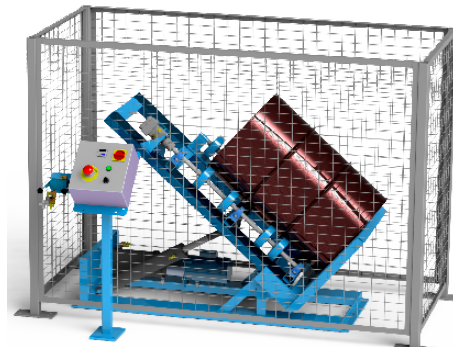
ENCLOSURE KIT PARTS LIST			
QTY.	WIDTH	HEIGHT	DESCRIPTION
1	91 cm (36")	152 cm (60")	Wire Mesh Panel
2	213 cm (84")	152 cm (60")	Wire Mesh Panel
1	89 cm (34-7/8")	152 cm (60")	Hinge Door
4	5.1 cm (2")	161 cm (63.25")	Corner Post



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



Load upright drum onto base plate



Tilt drum over to rolling position



Magnet door closure