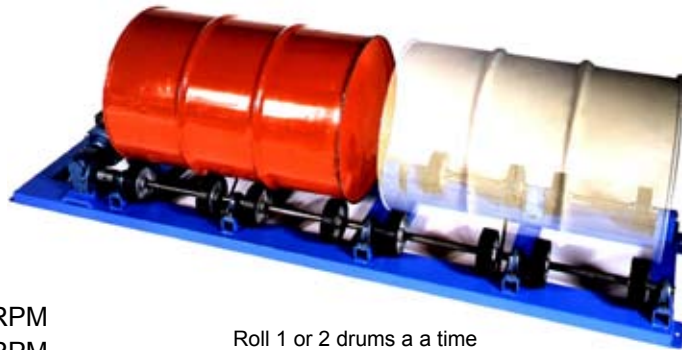


Video at www.MORSEmfgco.com

Double Drum Rollers

- Save time, labor and money
- Blend ingredients right inside your sealed drum
- Eliminate transfer, clean-up, special vessels and apparatus
- Ensure Homogeneity
- Capacity per drum:

Liquid load:	1,000 Lb. (455 kg)
Dry load varies:	400 Lb. (182 kg) at 10 RPM
	300 Lb. (136 kg) at 20 RPM
	250 Lb. (114 kg) at 30 RPM



Roll 1 or 2 drums a time
(Model 2-5154/20-3 shown
rolls drums at 20 RPM)

Fixed Speed Drum Rollers

Designed to rotate one or two drums at a time at factory fixed drum speed of 10, 20, or 30 RPM, based on 22.5" (57 cm) diameter drum.

Variable Speed Drum Rollers

Rotate one or two drums at a time at any speed from 0 to 40 RPM. Find the best speed for each material. Some use high speed for initial mixing and low speed for prolonged agitation. Variable speed drum rollers are ideal for experimental use or where there is a variety of materials to be handled.



ROTATE VARIOUS DRUM SIZES: A simple three-bolt attachment feature enables the user to relocate the idler wheel shaft assembly to adjust for various drum diameters. Set screws at each wheel permit easy repositioning to support various length drums.

GROUNDING STRAP: Spring steel grounding straps are standard at every drum position to help drain possible static charge from drums.

With twice the capacity of single drum rollers, the heavy duty 1 HP motor drives an efficient gear reducer connected to a 1" (2.54 cm) diameter shaft operating eight 6" (15.2 cm) diameter neoprene drive wheels. There are four roller bearing idler wheels for each drum position.

Handle: One or two steel drums 6" to 28" (15 to 71 cm) diameter and up to 40" (102 cm) long.

Motor: 1 HP

Base Dimensions: 24" x 94" (61 x 234 cm)

Ship dimensions: L 102" W 31" H 17" (259 x 79 x 43 cm)

Export ship dimensions: L 107" W 29" H 24" (271 x 74 x 61 cm)

Recommended Loading Method

Efficiently load drum rollers with overhead lifting equipment and Morse model 41 Drum Lifting Hook (shown right), or model 42 Drum Lifter.



MOTOR SELECTION: The basic motor is a three phase, 230/460V, 60Hz, TEFC motor. Other motor voltages, phases, enclosure types, etc. (for example: Explosion-Proof) or air motors are available. Motor controls are not included with the basic machines. Standard Stationary Drum Rotators are shipped without control, cord and plug and must be installed by an electrician according to local codes and customer's preference.

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

Air motors are vane-type and require correctly sized filter, regulator, lubricator, valve (FRL) and piping supplied by customer. Air Motor Technical Information

Filter, regulator and lubricator (FRL) may be ordered from Morse.

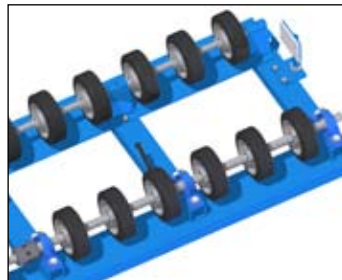
- Part # 90020-P Description: KIT, 3/8" FRL & VALVE

Install Morse Rotators in accordance with OSHA requirements for enclosure and interlock, etc. For OSHA compliance, see OSHA subpart O.1910.212 "General Requirements for all Machines." Power connections and motor controls must comply with applicable codes.

Options

ROLL PLASTIC DRUMS:

Roll 55-gallon (208 liter) plastic drums on a stationary drum roller with option POLY-2-5154. It provides extra wheels to support the flexible soft sides of your 55-gallon plastic drum, and an end stop to prevent it from traveling lengthways while being rolled, because plastic drums lack rigid ribs or roll rings.



ROLL A 5-GALLON PAIL:

Optional Idler Attachment part # 1-5-1 facilitates rolling 1 to 5 gallon size (3.8 to 18.9 liters) cylindrical cans / pails. Install one idler attachment for each drum position where you want to roll a pail. It is easily removed to return to rolling drums.



Double Stationary Drum Rollers 2-5154 Series

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Drum Roller Model #	Roll	Motor	RPM *	Capacity Per Drum		Drum Diameter	Max. Drum Length	Ship Weight
				Liquid	Dry **			
2-5154/10-1	1 or 2 Drums	1 HP, 1-Phase, 115/230V, 60Hz	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/10-1-50	1 or 2 Drums	1 HP, 1-Phase, 110/220V, 50Hz	8	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/10-3	1 or 2 Drums	1 HP, 3-Phase, 208-230/460V, 60Hz	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/10-3-50	1 or 2 Drums	1 HP, 3-Phase, 220/380V, 50Hz	8	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/10-575	1 or 2 Drums	1 HP, 3-Phase, 56C, 575V, 60Hz	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/10-E1	1 or 2 Drums	1 HP, Explosion-Proof, 1-Phase, 115/230V, 60Hz	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/10-E1-50	1 or 2 Drums	1 HP, Explosion-Proof, 1-Phase, 110/220V, 50Hz	8	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/10-E3	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 208-230/460V, 60Hz	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/10-E3-50	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 220/380/440V, 50Hz	8	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/10-E575	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 56C, 575V, 60Hz	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/10-A	1 or 2 Drums	Air Motor	10	1000 Lb. (455 kg)	400 Lb. (182 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	440 Lb. (200 kg)
2-5154/20-1	1 or 2 Drums	1 HP, 1-Phase, 115/230V, 60Hz	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/20-1-50	1 or 2 Drums	1 HP, 1-Phase, 110/220V, 50Hz	16	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/20-3	1 or 2 Drums	1 HP, 3-Phase, 208-230/460V, 60Hz	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/20-3-50	1 or 2 Drums	1 HP, 3-Phase, 220/380V, 50Hz	16	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/20-575	1 or 2 Drums	1 HP, 3-Phase, 56C, 575V, 60Hz	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/20-E1	1 or 2 Drums	1 HP, Explosion-Proof, 1-Phase, 115/230V, 60Hz	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/20-E1-50	1 or 2 Drums	1 HP, Explosion-Proof, 1-Phase, 110/220V, 50Hz	16	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/20-E3	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 208-230/460V, 60Hz	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/20-E3-50	1 or 2 Drums	1 HP, Explosion-Proof, 220/380/440V, 3-Phase 50Hz	16	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/20-E575	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 56C, 575V, 60Hz	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/20-A	1 or 2 Drums	Air Motor	20	1000 Lb. (455 kg)	300 Lb. (136 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	440 Lb. (200 kg)
2-5154/30-1	1 or 2 Drums	1 HP, 1-Phase, 115/230V, 60Hz	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/30-1-50	1 or 2 Drums	1 HP, 1-Phase, 110/220V, 50Hz	25	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)

Continued on page 3

* RPM is based on standard 22.5" diameter 55-gallon drum.

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

Install Morse Rotators in accordance with OSHA requirements for enclosure and interlock, etc. 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.



The Specialist In Drum Handling Equipment

Double Stationary Drum Rollers 2-5154 Series

Drum Roller Model #	Roll	Motor	RPM *	Capacity Per Drum		Drum Diameter	Max. Drum Length	Ship Weight
				Liquid	Dry **			
2-5154/30-3	1 or 2 Drums	1 HP, 3-Phase, 208-230/460V, 60Hz	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/30-3-50	1 or 2 Drums	1 HP, 3-Phase, 220/380V, 50Hz	25	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/30-575	1 or 2 Drums	1 HP, 3-Phase, 56C, 575V, 60Hz	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	445 Lb. (202 kg)
2-5154/30-E1	1 or 2 Drums	1 HP, Explosion-Proof, 1-Phase, 115/230V, 60Hz	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/30-E1-50	1 or 2 Drums	1 HP, Explosion-Proof, 1-Phase, 110/220V 50Hz	25	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/30-E3	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 208-230/460V, 60Hz	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/30-E3-50	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 220/380/440V, 50Hz	25	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/30-E575	1 or 2 Drums	1 HP, Explosion-Proof, 3-Phase, 56C, 575V, 60Hz	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	450 Lb. (205 kg)
2-5154/30-A	1 or 2 Drums	Air Motor	30	1000 Lb. (455 kg)	250 Lb. (114 kg)	6" to 28" (15 to 71 cm)	40" (102 cm)	440 Lb. (200 kg)
2-5154VS-1-115	1 or 2 Drums	1 HP, 1-Phase, 115V, 50/60Hz	Variable 0 to 40	1000 Lb. (455 kg)	400 Lb. (182 kg) at 10 RPM, 200 Lb. (91 kg) at 40 RPM	6" to 28" (15 to 71 cm)	40" (102 cm)	495 Lb. (225 kg)
2-5154VS-1-230	1 or 2 Drums	1 HP, 1-Phase, 230V, 50/60Hz	Variable 0 to 40	1000 Lb. (455 kg)	400 Lb. (182 kg) at 10 RPM, 200 Lb. (91 kg) at 40 RPM	6" to 28" (15 to 71 cm)	40" (102 cm)	495 Lb. (225 kg)
2-5154VS-3-230	1 or 2 Drums	1 HP, 3-Phase, 230V, 50/60Hz	Variable 0 to 40	1000 Lb. (455 kg)	400 Lb. (182 kg) at 10 RPM, 200 Lb. (91 kg) at 40 RPM	6" to 28" (15 to 71 cm)	40" (102 cm)	495 Lb. (225 kg)
2-5154VS-3-460	1 or 2 Drums	1 HP, 3-Phase, 460V, 50/60Hz	Variable 0 to 40	1000 Lb. (455 kg)	400 Lb. (182 kg) at 10 RPM, 200 Lb. (91 kg) at 40 RPM	6" to 28" (15 to 71 cm)	40" (102 cm)	495 Lb. (225 kg)
2-5154VS-575	1 or 2 Drums	1 HP, 3-Phase, 56C, 575V, 50/60Hz	Variable 0 to 40	1000 Lb. (455 kg)	400 Lb. (182 kg) at 10 RPM, 200 Lb. (91 kg) at 40 RPM	6" to 28" (15 to 71 cm)	40" (102 cm)	495 Lb. (225 kg)

* RPM is based on standard 22.5" diameter 55-gallon drum.

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

Install Morse Rotators in accordance with OSHA requirements for enclosure and interlock, etc. 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.

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Spec Sheet F2-5154

(Updated October 28, 2009 4:28 PM)

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