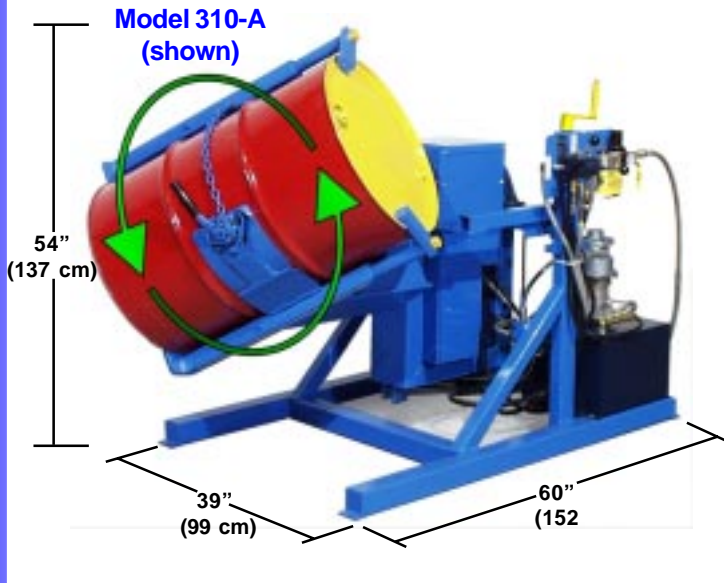


- ROTATE CLOSED PLASTIC, STEEL, OR FIBRE DRUM
- THOROUGH CORNER-OVER-CORNER MIXING ACTION
- SAVES TIME, LABOR AND MONEY

- USE SEPARATE DRUM FOR EACH BATCH
- NO CONTAINER TO PURGE BETWEEN BATCHES
- COMMON DRUMS MAKE ECONOMICAL VESSELS

SELF-TILTING FOR EASY FLOOR LEVEL LOADING



Mixing In Closed Drum Means Less Hazards

Using a Morse Rotator eliminates spillage, splashing of dangerous contents on workers, and risk of contamination. Now you can get the benefits of mixing inside closed shipping drums and have the machine do the work of loading and unloading itself! Morse 310 Series models accept the drum upright. The user controls hydraulic tilting action that puts the drum into position for rotating. A second valve allows the operator to start and stop the hydraulic motor that drives rotation. Minimum time, labor and operating cost is achieved by eliminating extra moves required for getting drum into mixing position. Various sized drums with up to 800 Lb. (454 kg) can be rotated at speeds of 5 to 20 RPM.

310 Series Tilt-To-Load Rotator Models

Model #	Motor Style	Volts	Hz *	Phase	Weight
310-1-115	TEFC	115	60	1	1121 Lb.
310-1-230	TEFC	230	60	1	1121 Lb.
310-3-230	TEFC	230	60	3	1121 Lb.
310-3-460	TEFC	460	60	3	1121 Lb.
310-A	Air Motor				1121 Lb.
310-E1-115	Explosion Proof **	115	60	1	1121 Lb.
310-E1-230	Explosion Proof **	230	60	1	1121 Lb.
310-E3-230	Explosion Proof **	230	60	3	1121 Lb.
310-E3-460	Explosion Proof **	460	60	3	1121 Lb.

* Models are also available with 50 Hz motors

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

- Overall Height with 55 Gallon Steel Drum Raised: 54" (137 cm)
- Overall Length with 55 Gallon Steel Drum Raised: 74" (188 cm)
- Rotation Speed: 5 to 20 RPM
- Capacity: 800 Lb. (363 kg) Full Drum
400 Lb. (181 kg) Half-Full Drum
- Drum Heights: 29" to 37" (74 to 94 cm)
- Drum Diameters: 18" to 23-1/2" (46 to 60 cm)



Load drum into the rotator with the drum holder in the lowered position, the hinged ratchet plate and the top clamps both open. The MORSE Model 160-WP Drum Truck is shown loading the drum into the rotator. Can also load with Model 81 or Model 92 (inset).



Secure drum in the rotator using the cinch chain and ratchet, and tightening the top clamps (inset).



Turn the motor on to activate the hydraulics. Raise the drum to the top position by raising the TILT control valve. To begin rotating, raise the ROTATE control valve.