

### Lift and Control Dispensing of Your Drum

Video at [www.MORSEmfgco.com](http://www.MORSEmfgco.com)

## NEW MORCINCH Drum Handling System

- Automatically adjusts for 22" to 23.5" diameter drum
- Accepts Diameter Adaptors for your smaller drum
- Bolt-n Bracket Assembly to handle a plastic drum, recommended to more securely handle a fiber drum
- Bolt-on Top Rim Clamp for 55-gallon plastic drum or fiber drum
- Includes a flexible cover on the cinch chain to help protect the sidewall of your drum
- Incorporates alloy cinch chain and durable stress relief weld joints



Model 520-114 shown has air powered lift and tilt to pour a drum up to 106" high. Shown with stainless steel drum cone (not included).

- Lift, move and control dispensing of your drum up to 106" high
- You control the lifting height and pouring angle
- Power Lift and Tilt Options
- Available built-in weighing capability to weigh as you pour!
- 360° Tilt Control in either direction
- Models available with spark resistant parts
- Capacity: 800 Lb. (363 kg) full drum  
500 Lb. (227 kg) half-full\* drum

Now you can lift, tilt and drain drum contents with ease. A hydraulic lift and tilt system makes it simple to raise and tilt heavy drums. Vertical lifting track keeps drum reach constant through the full lift range. Dispense into a vat, hopper, mixer or other container up to 106" high. Manual lift and tilt also available. With Scale-Equipped Series, you know the weight of what you have poured! The digital indicator keeps you informed of the drum weight. You will be able to weigh even while pouring.

### Scale-Equipped Models - Weigh As You Pour!

#### Two Types of Scales

The scale are simple to use and to read enabling accurate batching by weight. The touch pads include numbers for tare entry. Four load cells accurately sense the weight regardless of the tilt angle of the drum. Battery saving "sleep" mode turns indicator off when scale is not in use.

- Display weight to 0.1 Lb.
- Accuracy of +/-0.2 %
- Handle drum to 800 Lb.

Scale components will be installed and calibrated before leaving the Morse factory. However, the rigors of transportation may change scale calibration. To assure proper accuracy, the user should employ local scale service personnel to check the function and calibration of the scale. Cost of on-site calibration is not included in the selling price.

#### T-Type Scale

Features an intrinsically safe, ultra low power intensity (ULPI) indicator for use in many hazardous areas, approved for all classes, groups and divisions of N.E.C. hazardous environment classifications. The hand pumped or air powered drum handler with this intrinsically safe weighing system may be used in many hazard areas where ordinary electric powered equipment would be prohibited.

#### N-Type Scale

Economical general purpose instrument for use in a variety of weighing applications. NOT for use in hazardous areas. Powered by six ordinary alkaline D-cell batteries.

Vertical-Lift Drum Pourers are available with optional spark resistant monel parts, such as drum holder bands.



Model 515-T-114 shown is equipped with an intrinsically safe scale and air powered lift and tilt.



"T" Type Intrinsically safe scale indicator for use in hazardous areas.



"N" Type scale indicator NOT for hazardous environments.

\* Half-full rating is based on tilt mechanism's capacity for handling a bottom heavy drum. A partially full drum with unbalanced and shifting load is harder to tilt than a full drum.

### Power Options

Power Lift and Power Tilt Options make drum handling easier and faster. There are separate hand controls for the power-lift and for power-tilt functions. Power-Lift Options ease drum lifting, but retain manual tilt control with pull chain and chain wheel tilt control.

Power options are indicated by the 3-digit suffix on model numbers. All power options must be ordered on new units from the factory.

Power Option #	Motor Type	Motor Control	Ship Wt. Adder
110	AC, 1HP/115V, TEFC	Switch, Cord, Plug	75 Lb.
114	Air, Vane Type	On/Off Valve	95 Lb.
115	DC, 12V	Built-in	120 Lb.
120	AC, 1HP/115V, TEFC	Switch, Cord, Plug	40 Lb.
124	Air, Vane Type	On/Off Valve	25 Lb.
125	DC, 12V	Built-in	85 Lb.

Model Numbers		AC Motor * Powered Hydraulic Lift & Tilt	Air Motor Powered Hydraulic Lift & Tilt	12V DC ** Powered Hydraulic Lift & Tilt	AC Motor * Power Hydraulic Lift, Manual Tilt ***	Air Motor Power Hydraulic Lift, Manual Tilt ***	12V DC ** Power Hydraulic Lift, Manual Tilt ***	Manual Hydraulic Lift, Manual Tilt ***
Scale Equipped	Single-Stage 60" Lift	515-N-110	515-T-114 515-N-114 515M-T-114	515-N-115	515-N-120	515-T-124 515-N-124 515M-T-124	515-N-125	515-T 515M-T 515-N
	Two-Stage 106" Lift	525-N-110	525-T-114 525-N-114 525M-T-114	525-N-115	525-N-120	525-T-124 525-N-124 525M-T-124	525-N-125	525-T 525M-T 525-N
Non Scale Equipped	Single-Stage 60" Lift	510-110	510-114 510M-114	510-115	510-120	510-124 510M-124	510-125	510 510M
	Two-Stage 106" Lift	520-110	520-114 520M-114	520-115	520-120	520-124 520M-124	520-125	520 520M

\*T in Model # = Intrinsicly safe scale indicator for hazardous environment.  
 \*N in Model # = NOT for hazardous areas.  
 \*M in Model # = Model with park resistant parts such as drum holder bands made of monel.  
 \* Standard motors are TEFC, 1HP for 115V AC, 60 Hz.  
 \*\* 12V DC power option includes battery and 110V AC charger.  
 \*\*\* Manual tilt control for 510 and 515 Series is hand crank. Manual tilt control for 520 and 525 Series is chainwheel and pull-chain.

### Options & Accessories

The **Bracket Assembly** provides a brace at top and bottom of your drum to prevent it from slipping lengthways through the drum holder. The Bracket Assembly is required to handle a rimless plastic drum, and recommended to more securely handle a fiber drum. It adjusts for 31" to 39" tall drum.

Part # 4556-P Bracket Assembly.

Part # 4556M-P Spark Resistant Bracket Assembly.

The **Top Rim Clamp** grips the upper rim of your drum to prevent it from slipping through the drum holder. Use to handle a 55-gallon rimmed plastic or fiber drum. To handle a 55-gallon plastic drum with top rim, you must install either the Bracket Assembly or the Top Rim Clamp.

Part # 4560-P

Rim Clamp Assembly.

Part # 4560M-P Spark Resistant Rim Clamp Assembly.

For your smaller drum, install the correct size **Diameter Adaptor** inside the MORcinch drum holder. They install easily without tools and are quickly removed.

All Vertical-Lift Drum Pourers accept Diameter Adaptors for drums from 14" to 20.5" diameters. Those for 17.5" diameter or smaller have brackets at top and bottom of the drum, which adjust for a drum up to 38" tall. Spark resistant and stainless steel Diameter Adaptors are also available.

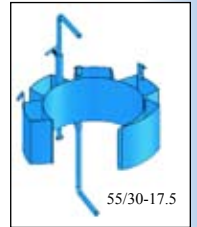
We recommend the **MORStop Tilt-Brake** to automatically stop and hold the drum tilt angle on models with manual tilt control! It functions smoothly and quietly in both directions. Without the MORStop Tilt-Brake, a heavy unbalanced drum may tilt out of control.

Part # 3900i-P Factory installed on new unit with manual tilt.

Kit # 3900-P For field installation on manual tilt models.



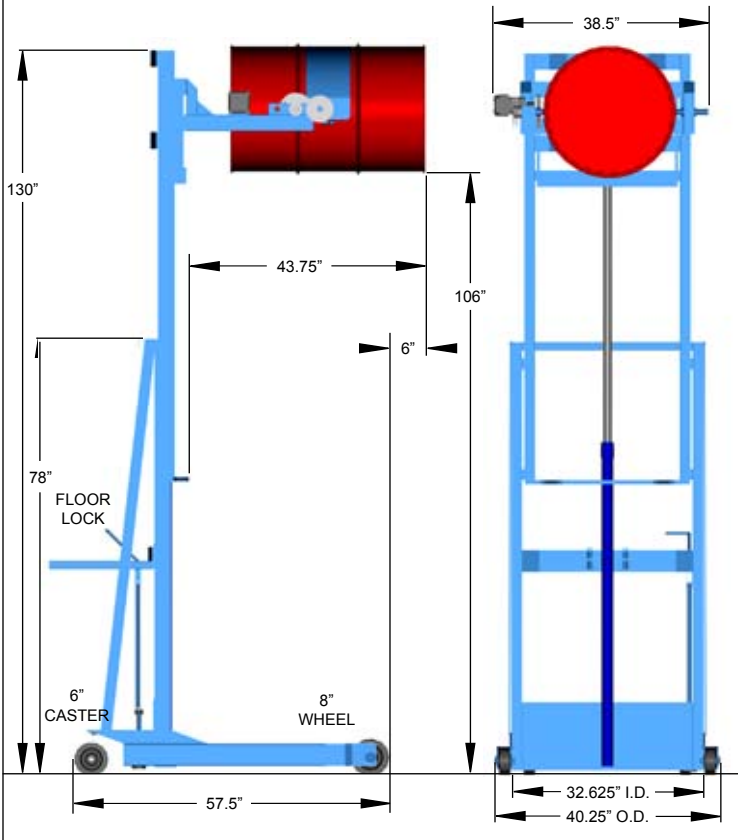
MADE IN USA



55/30-17.5



**Two-Stage pour up to 106" high and retract to a minimum height of 78"**



**Single-Stage pour up to 60" high and retract to a minimum of height of 78"**

