

### Weigh Drum While You Dispense

Combines V-shaped base to serve pallet corners, hand crank geared tilt control to dispense drum and scale to dispense just the amount required.



Scale indicator displays drum weight. Load cell measures drum weight accurately to 0.2%

Capacity: 600 Lb. (272 kg)

V-Shaped Counterweighted, Base enables palletizing drum.

Powered models with Battery, AIR or plug-in Electric drum lift.

Manual lift model with hand pump drum lift.



- Lift, move and pour drum.
- Weigh while pouring to dispense specified amount.
- Move onto and off pallet or spill containment up to 16" (40.6 cm) tall.
- Pour horizontal drum up 25" (63.5 cm) high.

| Model #            | Scale Type | Lift Function         | Motor               | Feature               | Product Net Weight | Domestic Ship Weight * | Options & Accessories |               |                  |                   |
|--------------------|------------|-----------------------|---------------------|-----------------------|--------------------|------------------------|-----------------------|---------------|------------------|-------------------|
|                    |            |                       |                     |                       |                    |                        | MORStop Tilt-Brake    | Top Rim Clamp | Bracket Assembly | Diameter Adapters |
| <b>825A-N-125</b>  | N          | Battery Power Lift    | 12V DC Motor **     | -                     | 565 Lb. (256 kg)   | 631 Lb. (286 kg)       | 3900i-P               | 4560B-P       | 4556-P           | 55/30 Series      |
| <b>825A-N-124</b>  | N          | AIR Power Lift        | -                   | -                     |                    |                        | 3900i-P               | 4560B-P       | 4556-P           | 55/30 Series      |
| <b>825A-N-120</b>  | N          | Plug-in Electric Lift | 1PH/115V/60Hz, TEFC | -                     |                    |                        | 3900i-P               | 4560B-P       | 4556-P           | 55/30 Series      |
| <b>825A-N</b>      | N          | Hand Pump             | -                   | -                     |                    |                        | 3900i-P               | 4560B-P       | 4556-P           | 55/30 Series      |
| <b>825A-T-124</b>  | T          | AIR Power Lift        | -                   | -                     |                    |                        | 3900i-P               | 4560B-P       | 4556-P           | 55/30 Series      |
| <b>825A-T</b>      | T          | Hand Pump             | -                   | -                     |                    |                        | 3900i-P               | 4560B-P       | 4556-P           | 55/30 Series      |
| <b>825AM-T</b>     | T          | Hand Pump             | -                   | Spark Resistant Parts |                    |                        | 3900i-P               | 4560BM-P      | 4556M-P          | 55/30M Series     |
| <b>825AM-T-124</b> | T          | AIR Power Lift        | -                   | Spark Resistant Parts |                    |                        | 3900i-P               | 4560BM-P      | 4556M-P          | 55/30M Series     |

\* Domestic Ship Dimensions: L50" W50" H56" (127 x 127 x 142 cm)

\*\* 12V DC Power Lift includes battery, and 115V 60Hz AC charger.

NOTE: 12V Deep Cycle Lead Acid Battery is designed for domestic shipment only. For export shipment, choose the following battery and charger options:

- Option "NB" No Battery. Customer must obtain battery before use... Exide # 27MDP 12V Deep Cycle Battery or equivalent.
- Option "NC" No Charger.

### Ergonomic Power Lift Models

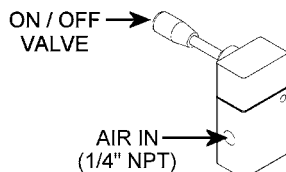
#### Battery Power Lift Model 825A-N-125



#### Battery Power Lift Control

Self contained battery power-lift. Use 2-button pendant to raise and lower the drum. 12V deep cycle battery and separate charger are included.

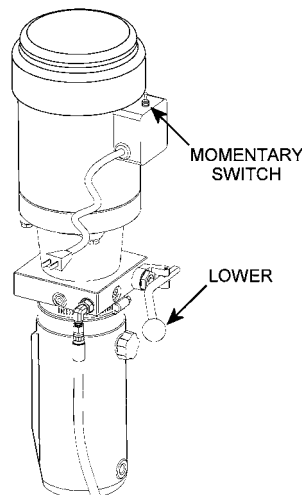
#### AIR Power Lift Models 825A-N-124, 825AM-N-124 and 825AM-T-124



#### Air Power Lift Control

Use on / off valve to raise and lower the drum.

#### Plug-In Electric Power Lift Model 825A-N-120

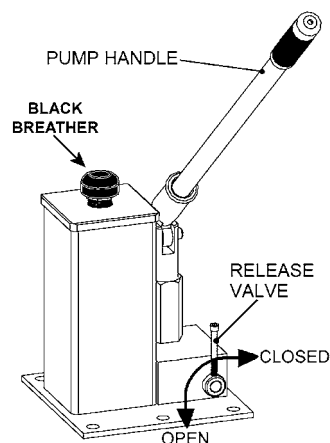


#### Electric Power Lift Control

Use switch to raise the drum. Lower the drum with manual release valve.

### Manual Lift Models

#### Hand Pump Lift Models 825A-N, 825A-T and 825AM-T



#### Hand Pump Lift Control

It takes 27 pumps of the hand pump to lift a drum to maximum height.

## Steps to Use Morse Scale-Equipped Drum Pourers

1. Roll drum handler to drum with drum holder open and positioned to engage between drum ribs.
2. Secure drum in holder: Drape cinch chain with flexible chain cover across front of drum. Insert one chain link into slot on ratchet handle. Turn ratchet handle clockwise to tighten cinch chain around drum.
3. Lift drum from floor or from pallet to pouring height by operating powered lift control or hand pump.
4. Turn hand crank to rotate drum into dispensing position.



NOTE: We recommend the **MORStop Tilt-Brake OPTION** to automatically hold drum tilt angle, until you turn the hand crank again.



5. Note beginning drum weight on scale indicator and dispense amount of product required.
6. When done pouring drum, return to upright and lower to floor or onto pallet.
7. To remove drum from handler, release ratchet handle and open drum holder.

### Two Types of Scale

The digital indicator keeps you informed of drum weight, so you can weigh while pouring.

Scales are simple to use and to read enabling accurate batching by weight. Touch pads include numbers for tare entry. Load cell accurately senses weight regardless of tilt angle of drum. Battery saving "sleep" mode turns indicator off when scale is not in use.

Display weight to 0.1 Lb. (or set to display metric units). Accuracy of  $\pm 0.2\%$ . Scale has NO data storage capability.

Maximum operating temperature is 104° F (40° C).

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



"N" Type scale indicator NOT for hazardous environments.

#### N-Type Scale

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

#### T-Type Scale

Intrinsically safe, ultra low power intensity (ULPI) scale indicator for use in many hazardous areas, approved for all classes, groups and divisions of N.E.C. hazardous environment classifications. Manual hand pump or air power drum handler with this intrinsically safe weighing system may be used in many hazard areas where ordinary electric powered equipment would be prohibited. Comes with battery pack and 115V 60Hz charger.

For 220V/50Hz applications, battery charger will require a step down transformer - order part number 93740-P. Models with spark resistant metal parts, such as drum holder bands are indicated by an "M" in model number.



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

### Options and Accessories

Morse 825A Series are designed to handle a ribbed 55-gallon (210 liter) steel drum. They also accept the options below for handling other types and sizes of drum.

#### Kit 4560B-P

##### Top Rim Clamp

to handle a 55-gallon (210 liter) rimmed plastic or fiber drum. It grips the upper rim of your drum to prevent it from slipping through the drum holder. To handle a 55-gallon plastic drum with top rim, you must install either the Bracket Assembly or the Top Rim Clamp.



#### Kit 4556-P

##### Bracket Assembly

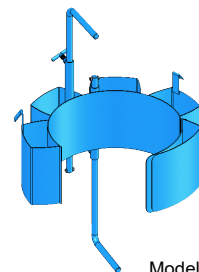
is required to handle a rimless plastic drum, and recommended to more securely handle a fiber drum. It provides a brace at top and bottom of your drum to prevent it from slipping length-ways through the drum holder. It adjusts for a 31" to 39" (78.7 to 99 cm) tall drum.



#### 55/30 Series Diameter Adapters

Install the correct size Diameter Adapter to handle each smaller drum. They install easily inside the drum holder without tools, and are quickly removed.

Diameter Adapters for 19" (48.3 cm) diameter or larger drum can be used in combination with the Bracket Assembly. Diameter Adapters for 17.5" (44.5 cm) diameter or smaller have integrated brackets at top and bottom of the drum that adjust for a drum up to 38" (96.5 cm) tall.



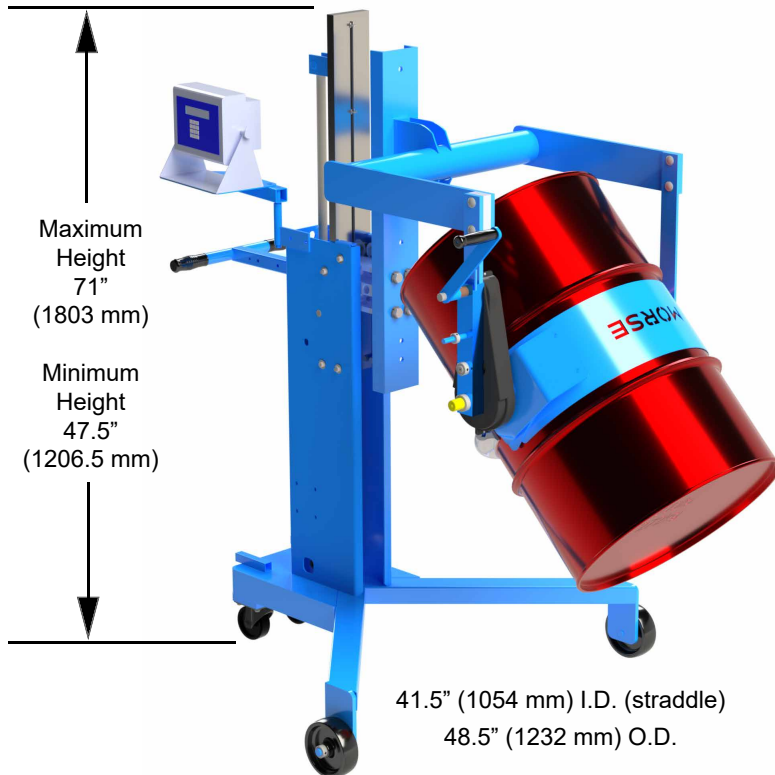
Model 55/30-17.5

### Recommended MORStop Tilt-Brake Option

Add factory installed Option 3900i-P MORStop Tilt-Brake to automatically lock and hold the drum tilt angle, until you turn the hand crank again... even if drum contents shift.



**MORStop** Tilt-Brake



### Dimensions

- Turning radius: 53" (1346 mm)
- Legs are 9" (229 mm) high and reach 20.75" (527 mm) in front of upright stanchion
- (2) 4" (102 mm) swivel casters at back
- (2) 6" (152 mm) wheels at front
- Straddle pallet up to 41" (1041 mm) wide



- Lift upright 55-gallon (210L) drum up to 16" (406 mm) from floor to serve pallet or spill containment
- Heavy duty hydraulic lift cylinder includes velocity fuse to provide full line shut-off in event of line failure

