Drum Movers and Palletizers with Geared Drum Tilt

Models with AC, DC or Air Power Drum Lift
Capacity: 600 Lb. (272 kg)

Drum movers to palletize and dispense drum with geared drum tilt control
This innovative design combines a V-shaped base to serve the corner of a pallet, with geared tilt control to dispense a drum.

Models with Powered Drum Lift

Hand Crank
Geared Drum Tilt. Shown with recommended MORStop Tilt-Brake option.

Drum Palletizers with Geared Tilt Control

V-Shaped Counterweighted Base enables Palletizing Drum

Dimensions

- Overall width: 48.5" (123.2 cm), Overall length: 43" (109.2 cm)
- Turning radius: 53" (135 cm)
- Legs are 9" (22.9 cm) high and reach 20.75" (52.7 cm) in front of upright stanchion
- (2) 4" (10.2 cm) swivel casters at back
- (2) 6" (15.2 cm) wheels at front
- Horizontal 55-gallon drum reaches 18.5" (47 cm) beyond the front wheels of the V-shaped base
- Reach onto pallet up to 20" (50.8 cm) high
- Lift upright 55-gallon drum up to 20" (50.8 cm) from floor. Heavy duty hydraulic lift cylinders include a velocity fuse to provide a full line shut-off in the event of a line failure.
- Maximum dispensing height: 26" (66 cm) for horizontal drum
- Capacity: 600 Lb. (272 kg)

Models with AC, DC or Air Power Drum Lift
Capacity: 600 Lb. (272 kg)

Model # 82A-GT

Move a drum onto and off a pallet

Straddle a pallet up to 41" (104 cm) wide and 7" (17.8 cm) tall

Contact Information

Morse Mfg. Co., Inc.
103 Kuhn Rd.
Syracuse, NY, 13208 USA
morsedrum.com (315) 437-8475
service@morsedrum.com
The 82A-GT Series are designed to handle a ribbed 55-gallon (208 liter) steel drum. They also accept the options below for handling other types and sizes of drum.

**Optional Kit with Jaws**

**Optional Kit to Move Upright Drums Only**

Install kit #4724-P to convert to an 82H Drum Palletizer for moving and palletizing an upright drum only. It grips the upper drum rim with jaws, while bracing the side, and has no tilt function.

**Recommended MORStop Tilt-Brake**

Add 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.

**Options to Handle Various Drums**

- **Option #4560-P**
  - **Top Rim Clamp** to handle a 55-gallon (208 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.

- **Option #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 lengthways through the drum holder. It adjusts for a 31” to 39” (78.7 to 99 cm) tall drum.

- **Diameter Adaptors**
  - Install the correct size Diameter Adaptors to handle each smaller drum. They install easily inside the drum holder without tools, and are quickly removed.
  - Diameter Adaptors for 19” (48.3 cm) diameter or larger drum can be used in combination with the Bracket Assembly. Diameter Adaptors 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.

**Optional Kit with Jaws**

**Model 82A-GT-125 with Option #4560-P and MORStop Tilt-Brake Option #3900i-P**

**Option #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 lengthways through the drum holder. It adjusts for a 31” to 39” (78.7 to 99 cm) tall drum.

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**Optional Kit with Jaws**

**Model 82A-GT-125 with Option #4556-P and MORStop Tilt-Brake Option #3900i-P**

**Option #4560-P**

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Steps For Use of Morse Drum Palletizers / Movers / Pourers

1. Roll the Drum Palletizer to your drum with drum holder open and positioned to engage between the drum ribs.

2. Tighten the Top Rim Clamp or adjust the Bracket Assembly height, if your drum palletizer is so equipped.

3. Secure your drum in the drum holder: Drape the cinch chain with flexible chain cover across the front of the drum, insert one chain link into the slot on the ratchet handle, and turn the ratchet handle clockwise to tighten the cinch chain around the drum.

4. Lift your drum from the floor or from a pallet to pouring height by operating the powered lift control or the hand pump.

5. Turn the hand crank to rotate your drum into dispensing position. We recommend the MORStop Tilt-Brake Option to automatically hold the tilt angle, until you turn the hand crank again.

6. Return your drum to upright position and lower it to the floor or onto a pallet.

7. To remove your drum, release the ratchet handle and open the drum holder.

8. Move onto next drum.
82A-GT Series  
Drum Palletizers with Geared Tilt

### Manual Lift Model

**Model # 82A-GT**

- **Hand Pump Lift Control**  
  Model 82A-GT  
  It takes 27 pumps of the hand pump to lift a drum to maximum height.

### Ergonomic Power Lift Models

#### AC Power Lift Model # 82A-GT-120

- **Electric Power Lift Control**  
  Model 82A-GT-120  
  Use switch to raise the drum. Lower the drum with manual release valve.

#### Air Power Lift Model # 82A-GT-124

- **Air Power Lift Control**  
  Model 82A-GT-124  
  Use on/off valve to raise and lower the drum.

#### Battery Power Lift Model # 82A-GT-125

- **Battery Power Lift Control**  
  Model 82A-GT-125  
  Self contained battery power-lift. Use valve to raise and lower the drum. 12V deep cycle battery and separate charger are included.

### Model Specifications

<table>
<thead>
<tr>
<th>Model #</th>
<th>Drum Palletizer / Pourer Description</th>
<th>Motor</th>
<th>Domestic Ship Wt **</th>
<th>Options Accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>82A-GT</td>
<td>Hand Crank Geared Tilt</td>
<td>-</td>
<td>534 Lb. (242 kg)</td>
<td>3900i-P 4560-P 4556-P 55/30 Series 4724-P</td>
</tr>
<tr>
<td>82A-GT-120</td>
<td>Hand Crank Geared Tilt, AC Power Lift</td>
<td>1PH/115V/60Hz, TEFC</td>
<td>555 Lb. (252 kg)</td>
<td>3900i-P 4560-P 4556-P 55/30 Series 4724-P</td>
</tr>
<tr>
<td>82A-GT-124</td>
<td>Hand Crank Geared Tilt, Air Power Lift</td>
<td>-</td>
<td>525 Lb. (239 kg)</td>
<td>3900i-P 4560-P 4556-P 55/30 Series 4724-P</td>
</tr>
<tr>
<td>82A-GT-125</td>
<td>Hand Crank Geared Tilt, DC Power Lift</td>
<td>12V DC Motor **</td>
<td>581 Lb. (264 kg)</td>
<td>3900i-P 4560-P 4556-P 55/30 Series 4724-P</td>
</tr>
<tr>
<td>82AM-GT</td>
<td>Hand Crank Geared Tilt with spark resistant parts</td>
<td>-</td>
<td>540 Lb. (242 kg)</td>
<td>3900i-P 4560M-P 4556M-P 55/30M Series 4724M-P</td>
</tr>
<tr>
<td>82AM-GT-124</td>
<td>Hand Crank Geared Tilt, Air Power Lift with spark resistant parts</td>
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</table>

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

** 12V DC Power Lift includes battery, and 100/220V 50/60Hz AC charger.

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

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