Stainless Steel Hydra-Lift Karriers

Lift and Dispense a Drum

- You Control Lifting Height and Pouring Angle
- Removes Effort and Increases Productivity
- Power Lift and Tilt Options
  - Heavy-Duty Hydraulics
  - 360° Tilt Control in Either Direction
- Capacity: 800 Lb. (363 kg) full drum, 500 Lb. (227 kg) half-full* drum

Easily handle a heavy drum with a Morse Hydra-Lift Karrier. Lift, move and control pouring of a 55-gallon (210 liter) drum weighing up to 800 Lb. (363 kg) with minimal effort. Handle a variety of drums by installing the correct accessories for your drum. Models with maximum pouring heights of 72” or 96” (183 or 244 cm).

You can raise and control dispensing as necessary. Increase pouring angle for full discharge, reduce to control the pour rate, or reverse to stop pouring and deliver partial drum contents.

Material is poured forward straight and deliver partial drum contents.

Pouring

Each Hydra-Lift Karrier Features

Heavy-duty hydraulic ram has a built-in flow control for a uniform, controlled speed of descent with even the heaviest drum. Heavy duty hydraulic lift cylinders include a velocity fuse to provide a full line shut-off in the event of a line failure.

Easy maneuverability on two 8” (20.3 cm) durable polyolefin casters. A step-down floor lock to help hold Hydra-Lift Karrier in place while you dispense from drum.

Frame is made of finished type 304 stainless. Welds are hidden under the base. A step-down floor lock to help hold Hydra-Lift Karrier in place while you dispense from drum. Heavy duty hydraulic lift cylinders include a velocity fuse to provide a full line shut-off in the event of a line failure.

Manual-Tilt Models have pull chain and chain wheel tilt control.

Reach Beyond Front Wheels with a 55-Gallon Steel Drum

**Option # SSG-MT Stainless gears on manual tilt model**

**Option # SSG-PT Stainless gears on power tilt model**

**Option # 5597SSI-P Stainless steel ratchet and pawl**

**Option # SSC-400 Stainless steel casters**

Reach With Horizontal Drum
Reach With Drum Pouring at 45 Degrees

*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.

**Manual Tilt Control Options**

We recommend **Option # 3900SSI-P MORStop Tilt-Brake** to automatically hold drum tilt angle.

**Option X02-400-72SS**

**Option X03-400-96SS**

9” (22.9 cm) Hand Crank (shown left)

16” (40.6 cm) Hand Wheel (shown right)
**Stainless Steel Hydra-Lift Karriers**

**Power-Lift and Tilt Models**

Make drum handling easier and faster. There are two hand valve controls: One for the power-lift function and a second for power-tilt.

<table>
<thead>
<tr>
<th>Power Option #</th>
<th>Motor Type</th>
<th>Motor Control</th>
<th>Ship Weight Adder</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>AC, 1HP/115V, TEFC</td>
<td>Switch, Cord, Plug</td>
<td>75 Lb. (34 kg)</td>
</tr>
<tr>
<td>114</td>
<td>Air, Vane Type</td>
<td>On/Off Valve</td>
<td>95 Lb. (43 kg)</td>
</tr>
<tr>
<td>115</td>
<td>DC, 12V</td>
<td>Built-in</td>
<td>120 Lb. (54 kg)</td>
</tr>
</tbody>
</table>

**Electric Power Lift & Tilt**

Hold momentary switch and lift valve to raise drum. Use second valve to control the hydraulically driven drum tilt. Lower the drum with manual release valve.

**Air Power Lift and Tilt**

Hold on/off valve and lift valve to raise the drum. Use a second valve to control the hydraulically driven drum tilt. Lower the drum with manual release valve.

**Battery Power Lift and Tilt**

Self contained battery power-lift. Hold momentary switch and lift valve to raise drum. Use second valve to control the hydraulically driven drum tilt. Lower the drum with manual release valve. Charger is included.

**Power-Lift, Manual Tilt Models**

Ease drum lifting, but retain manual tilt control. Models with 72” and 96” (1.8 and 2.4 m) lift heights have pull chain and chain wheel tilt control.

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<th>Motor Control</th>
<th>Ship Weight Adder</th>
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</thead>
<tbody>
<tr>
<td>120</td>
<td>AC, 1HP/115V, TEFC</td>
<td>Switch, Cord, Plug</td>
<td>40 Lb. (19 kg)</td>
</tr>
<tr>
<td>124</td>
<td>Air, Vane Type</td>
<td>On/Off Valve</td>
<td>25 Lb. (11 kg)</td>
</tr>
<tr>
<td>125</td>
<td>DC, 12V</td>
<td>Built-in</td>
<td>85 Lb. (39 kg)</td>
</tr>
</tbody>
</table>

**Diameter Adaptors**

For a smaller diameter drum, fit inside the drum holder. They install easily without tools and are quickly removed.

- Adaptors for 17.5” (44.5 cm) diameter or smaller have integrated brackets at top and bottom of the drum. Adjust for a drum up to 39” (96.5 cm) tall.

**MORCINCH™ Options**

The MORCINCH™ drum holder on Hydra-Lift Karriers is designed to handle a 55-gallon (210 liter) steel drum. It automatically adjusts from 22” to 23.5” (56 to 59.7 cm) in diameter. The cinch chain with pawl and ratchet mechanism is used to secure the drum in the holder.

To handle other drums, order one of the following:

- **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” (79 to 99 cm) tall drum.

  Kit # 4556SS-P Stainless Steel Bracket Assembly.

- **The Top Rim Clamp** 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 # 4560SS-P Stainless Steel Rim Clamp Assembly.

**Web Strap with Ratchet**

Use to handle a 55-gallon (210 liter) 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.

Option # 5115SSi-P Web Strap and Stainless Steel Ratchet

**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.**
Stainless Steel Hydra-Lift Karriers

Stainless Steel Hydra-Lift Karrier Model Numbers

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<tr>
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<tbody>
<tr>
<td>72&quot;</td>
<td>400A-72SS-110</td>
<td>400A-72SS-114</td>
<td>400A-72SS-115</td>
<td>400A-72SS-120</td>
<td>400A-72SS-124</td>
<td>400A-72SS-125</td>
<td>400A-72SS</td>
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<tr>
<td>96&quot;</td>
<td>400A-96SS-110</td>
<td>400A-96SS-114</td>
<td>400A-96SS-115</td>
<td>400A-96SS-120</td>
<td>400A-96SS-124</td>
<td>400A-96SS-125</td>
<td>400A-96SS</td>
</tr>
</tbody>
</table>

* Manual tilt control is chain wheel and pull-chain.
** 12V DC power option includes battery and 110V AC charger.
*** Standard AC motors are 1HP, 115V, 60 Hz, TEFC. Explosion-proof motors and 50Hz motors are also available.
† Air motor Requirements: 40 to 60 PSI at 40 SCFM

Options and Accessories

<table>
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<tr>
<th>Option #</th>
<th>Description</th>
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<tbody>
<tr>
<td>4560SS-P</td>
<td>Stainless Steel Top Rim Clamp for rimmed 55-gallon plastic drum</td>
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<tr>
<td>4556SS-P</td>
<td>Stainless Steel Bracket Assembly required for rimless 55-gallon plastic drum</td>
</tr>
<tr>
<td>55/30SS Series</td>
<td>Stainless Steel Diameter Adaptors for various sizes of smaller drum</td>
</tr>
<tr>
<td>5115SSI-P</td>
<td>MORCINCH™ Web Strap and Stainless Steel Ratchet Option</td>
</tr>
<tr>
<td>3900SSI-P</td>
<td>Stainless Steel MORStop™ Tilt-Brake for manual tilt models only</td>
</tr>
<tr>
<td>X02-400-72SS</td>
<td>Stainless Steel Simple Hand Crank for 72” manual tilt models</td>
</tr>
<tr>
<td>X02-400-96SS</td>
<td>Stainless Steel Simple Hand Crank for 96” manual tilt models</td>
</tr>
<tr>
<td>X03-400-72SS</td>
<td>Stainless Steel 16” Hand Wheel for 72” manual tilt models</td>
</tr>
<tr>
<td>X03-400-96SS</td>
<td>Stainless Steel 16” Hand Wheel for 96” manual tilt models</td>
</tr>
<tr>
<td>SSG-PT</td>
<td>Stainless Steel Gears and Sprockets on Hydra-Lift Karrier with POWER TILT</td>
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<tr>
<td>SSG-MT</td>
<td>Stainless Steel Gears and Sprockets on Hydra-Lift Karrier with MANUAL TILT</td>
</tr>
<tr>
<td>5597SSI-P</td>
<td>Stainless Steel Ratchet and Pawl</td>
</tr>
<tr>
<td>SSC-400</td>
<td>Stainless Steel Casters</td>
</tr>
<tr>
<td>FGO</td>
<td>Food Grade Hydraulic Oil</td>
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</tbody>
</table>

Model 400A-72SS-120
Has 72” (1.83 m) dispensing height, electric power lift, and manual drum tilt.

Shown with Option X02-400-72SS
9” (22.9 cm) Hand Crank

Model 400A-96SS-125
Has 96” (2.44 m) dispensing height, battery power lift, and manual drum tilt with pull chain tilt control.

Raises drum with ergonomic battery power drum lift. Models are available with battery, electric or air power drum lift... or choose a model with powered drum lift AND tilt.

Turn drum 360° in either direction with pull chain and chain wheel. Models are also available with battery, electric or air power drum tilt.