Find the right height for your application requirements

Ergonomic Height-Adjustable Systems
Dyna-Lift® systems provide ergonomic solutions for workstation adjustability. When employees adjust their workstation with a Dyna-Lift®, it allows them to move throughout the day, from sitting to standing, which eliminates fatigue, pain, and potential injuries. Ergonomic, height-adjustable workstations provide the best posture solutions for multiple employees using the same workstation. Individual shift workers can use the same workstation and adjust it quickly to meet their specific height requirements and comfort.

Dyna-Lift® systems adjust a worktable, office furniture, lab equipment, industrial workbenches, hospital beds, assembly line fixtures, massage tables, podiums, rehabilitation tables, and so much more. As companies experience turnover, Dyna-Lift® will continue to adjust to meet new employee’s height requirements without having to replace the system.

Dyna-Lift® systems are sturdy and can lift up to 1,500 lbs. Manufacturing, industrial, office, and medical environments use Dyna-Lift®.

Bucher Hydraulics recognizes there is a wide variety of customer needs. We can customize Dyna-Lift® systems to provide the smartest solution for your application.

Dyna-Lift® Systems

- Provide a long lasting solution
- Improve workers’ productivity & comfort
- Avoid work related injuries
- Operate smoothly and quietly
- Comply with ADA and OSHA guidelines
- Install quickly
- Ship fully charged
# Table of Contents

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- **Pump & Cylinder Configurations**............ 5
- **Standard Systems**............ 6 & 7
- **Heavy-Duty Systems**............ 8 & 9
- **Telescopic Leg System**............ 10 & 11
- **Internal Extrusion Mount System**............ 12
- **External Extrusion Mount System**............ 13
- **System Selection Guide**............ 14 & 15
- **Parts & Accessories**............ 16 & 17
- **Quick Ship Program**............ 18
- **Dimensions**............ 18 & 19
Ergonomic Solutions

Standard Systems
250 lb (113 kg)/Cylinder Capacity
See pgs. 6 & 7

Heavy-Duty Systems
375 lb (170 kg)/Cylinder Capacity
See pgs. 8 & 9

Telescopic Leg System
Up to 375 lb (170 kg)/Cylinder Capacity/Column
See pgs. 10 & 11

Internal Extrusion Mount System
Up to 375 lb (170 kg)/Cylinder Capacity
See pg. 12

External Extrusion Mount System
Up to 375 lb (170 kg)/Cylinder Capacity
See pg. 13
Pump & Cylinder Configurations

Cylinder Options

<table>
<thead>
<tr>
<th>Cylinder Type A1A</th>
<th>Lift Cylinder Adj. Range Inch (mm)</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 (152)</td>
<td>8.38 (213)</td>
<td>11.96 (304)</td>
</tr>
<tr>
<td></td>
<td>8 (203)</td>
<td>10.38 (264)</td>
<td>13.99 (355)</td>
</tr>
<tr>
<td></td>
<td>10 (254)</td>
<td>12.38 (314)</td>
<td>16.02 (407)</td>
</tr>
<tr>
<td></td>
<td>12 (305)</td>
<td>14.38 (365)</td>
<td>18.05 (458)</td>
</tr>
<tr>
<td></td>
<td>16 (406)</td>
<td>18.38 (467)</td>
<td>22.12 (562)</td>
</tr>
<tr>
<td></td>
<td>20 (508)</td>
<td>22.38 (568)</td>
<td>26.12 (663)</td>
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</table>

HD = 3" by 3"

<table>
<thead>
<tr>
<th>Cylinder Type B2D</th>
<th>Lift Cylinder Adj. Range Inch (mm)</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
</tr>
</thead>
<tbody>
<tr>
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<td>8 (203)</td>
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<td>13.99 (355)</td>
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<td></td>
<td>10 (254)</td>
<td>12.75 (324)</td>
<td>16.02 (407)</td>
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<td></td>
<td>12 (305)</td>
<td>14.75 (375)</td>
<td>18.05 (458)</td>
</tr>
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<td></td>
<td>16 (406)</td>
<td>18.75 (476)</td>
<td>22.12 (562)</td>
</tr>
<tr>
<td></td>
<td>20 (508)</td>
<td>22.75 (578)</td>
<td>26.75 (679)</td>
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</table>

HD = 3" by 3"

<table>
<thead>
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<th>Cylinder Type C1C</th>
<th>Lift Cylinder Adj. Range Inch (mm)</th>
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<tbody>
<tr>
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<td>8 (203)</td>
<td>10.88 (276)</td>
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<td>10 (254)</td>
<td>12.88 (327)</td>
<td>16.02 (407)</td>
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<td>14.88 (378)</td>
<td>18.05 (458)</td>
</tr>
<tr>
<td></td>
<td>16 (406)</td>
<td>18.88 (480)</td>
<td>22.12 (562)</td>
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<td>20 (508)</td>
<td>23.25 (591)</td>
<td>26.75 (679)</td>
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</table>

HD = 3" by 3"

<table>
<thead>
<tr>
<th>Cylinder Type D1A &amp; 20&quot; D1D</th>
<th>Lift Cylinder Adj. Range Inch (mm)</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
</tr>
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<td>10 (254)</td>
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<td>22.16 (560)</td>
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<td>21.50 (546)</td>
<td>24.16 (616)</td>
</tr>
<tr>
<td></td>
<td>20 (508)</td>
<td>25.50 (648)</td>
<td>28.16 (712)</td>
</tr>
</tbody>
</table>

HD = 3" by 3"
Dyna-Lift®

Standard Systems (S)

Advantages
• Lifts up to 1,000 lbs. (454 kg)
• Rechargeable and fully serviceable in the field

General Description
• Complete, ready-to-install, height-adjustable system
• Choose from 1 to 8 cylinders
• Manual or electric operation
• Custom systems available

Technical Information
• System capacity:
  ° 250 lbs. (113 kg) per cylinder for Standard
  ° 1,000 lbs. (454 kg) max. total capacity on Standard
• System ships fully charged and ready-to-install
• Smooth, quiet operation
• Highly refined white hydraulic fluid
• Powder-coated housing finish

For "A" & "B" refer to charts on pg. 7
**Dyna-Lift®**

**Standard Manual Pump Assembly**
- Retractable handle
- Five revolutions per inch travel
- 2-Post Manual System with 16-inch stroke cylinder weighs 10 lbs. (4.54 kg)
- 4-Post Manual System with 12-inch stroke cylinder weighs 27 lbs. (12.25 kg)

**Standard Manual Specifications**

<table>
<thead>
<tr>
<th>Stroke Inch (mm)</th>
<th>A&quot; Inch (mm)</th>
<th>B&quot; Inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 (152)</td>
<td>11.12 (282)</td>
<td>11.96 (304)</td>
</tr>
<tr>
<td>8 (203)</td>
<td>13.15 (334)</td>
<td>13.99 (355)</td>
</tr>
<tr>
<td>10 (254)</td>
<td>15.18 (386)</td>
<td>16.02 (407)</td>
</tr>
<tr>
<td>12 (305)</td>
<td>17.21 (437)</td>
<td>18.05 (458)</td>
</tr>
<tr>
<td>16 (406)</td>
<td>21.28 (541)</td>
<td>22.12 (562)</td>
</tr>
</tbody>
</table>

**Standard Electric Pump Assembly**
- Low voltage safety switch
- Internal limit switches
- Thermal overload protection
- UL recognized CSA certified
- 6-Post Electric System with 12-inch stroke cylinder weighs 72 lbs. (32.69 kg)

**Standard Electric Specifications**

<table>
<thead>
<tr>
<th>Stroke Inch (mm)</th>
<th>A&quot; Inch (mm)</th>
<th>B&quot; Inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 (152)</td>
<td>10.62 (270)</td>
<td>23.18 (589)</td>
</tr>
<tr>
<td>8 (203)</td>
<td>12.65 (321)</td>
<td>25.21 (640)</td>
</tr>
<tr>
<td>10 (254)</td>
<td>14.68 (373)</td>
<td>27.24 (691)</td>
</tr>
<tr>
<td>12 (305)</td>
<td>16.71 (424)</td>
<td>29.27 (744)</td>
</tr>
<tr>
<td>16 (406)</td>
<td>20.78 (528)</td>
<td>33.34 (847)</td>
</tr>
</tbody>
</table>
Dyna-Lift®

Heavy-Duty Systems (H)

Advantages
• High capacity with longer stroke
• Rechargeable and fully serviceable in the field
• 2:1 pump to cylinder ratio

General Description
• Converts fixed height structure to one with a 0-20" range of height adjustment
• Manual or electric operation
• Retrofit & OEM applications
• Custom systems available

Technical Information
• System capacity:
  ° 375 lbs. (170 kg) per cylinder for Heavy-Duty
  ° 1,500 lbs. (680 kg) max. capacity on Heavy-Duty
• System ships fully charged and ready-to-install
• Smooth, quiet operation
• Highly refined white hydraulic fluid
• Powder-coated housing finish

<table>
<thead>
<tr>
<th>Manual Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke Inch (mm)</td>
</tr>
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<td>6 (152)</td>
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<td>8 (203)</td>
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<tr>
<td>10 (254)</td>
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<tr>
<td>12 (305)</td>
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<tr>
<td>20 (508)</td>
</tr>
</tbody>
</table>

Heavy-Duty Manual
### Electric Specifications

<table>
<thead>
<tr>
<th>Stroke Inch (mm)</th>
<th>&quot;A&quot; Inch (mm)</th>
<th>&quot;B&quot; Inch (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 (152)</td>
<td>14.65 (372)</td>
<td>28.48 (723)</td>
</tr>
<tr>
<td>8 (203)</td>
<td>14.65 (372)</td>
<td>28.48 (723)</td>
</tr>
<tr>
<td>10 (254)</td>
<td>18.71 (475)</td>
<td>32.54 (827)</td>
</tr>
<tr>
<td>12 (305)</td>
<td>18.71 (475)</td>
<td>32.54 (827)</td>
</tr>
<tr>
<td>20 (508)</td>
<td>26.85 (682)</td>
<td>40.35 (1025)</td>
</tr>
</tbody>
</table>

Heavy-Duty Electric
Telescopic Leg System (T.L.A.)

Advantages
• Provides optimum form & function
• Easy-to-clean, smooth, extrusion surface - just hose down
• Steady, quiet, height adjustability
• OEMs integrate columns into custom applications

General Description
• Two-piece anodized aluminum extrusions
• Easy and quick installation

Technical Information
• Extruded aluminum with clear matte anodized finish
• Standard column height is 24" (610 mm); maximum adjustment range is 12" (305 mm)
• System height fully retracted is 24" (610 mm)
• System height fully extended is 36" (914 mm)
• For additional column heights and available stokes, please contact Bucher North America Sales at +1 (616) 458-1306
• System capacity:
  ° 250 lbs. (113 kg) or 375 lbs. (170 kg) per column
  ° 500 lbs. (227 kg) per set of two columns
  ° 750 lbs. (340 kg) per set of two columns for HD
• Designed to be used with B1C cylinders
• Manual (hand crank) or electric actuation

Telescopic Leg Specifications

<table>
<thead>
<tr>
<th>Stroke Inch (mm)</th>
<th>&quot;A&quot; Inch (mm) Fully Retracted</th>
<th>&quot;B&quot; Inch (mm) Fully Retracted</th>
<th>&quot;B&quot; Inch (mm) Fully Extended</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 (305)</td>
<td>24 (60)</td>
<td>24 (610)</td>
<td>36 (915)</td>
</tr>
</tbody>
</table>
![Diagram of Dyna-Lift components]

**Exterior View**

- Mounting Hole for 5/16"-18 Self-Tapping Screw
- Slot for 1/4" Hex Head Bolt For Mounting Cross member

**Interior View**

- Mounting Hole for 5/16"-18 Self-Tapping Screw

**Internal View**

- *Customer Supplied 5/16"-18 Self-Tapping Screw

*Optional spare parts not included. See pgs. 18 & 19.*

**Dimensions**

- 7.88" (195 mm) x 5.12" (130 mm)
- 4.35" (110 mm)
- 1.73" (43 mm)

- 8.46" (164 mm) x 7.36" (187 mm)
- 1.35" (34 mm)

*Table Mounting Rail (DH-9786)
Spring Pin Included (DM-0060)
Support Block Included

Telescopic Leg Assembly Included

*Table Foot (DH-0771)
Internal Extrusion Mount System (S6... & H6...)

Advantages
• Internally mounted cylinder neatly hides away unwanted outside obstructions – no external hardware

General Description
• Perfect application for OEM’s and custom machine builders

Technical Information
• Adjustment ranges available in: 6", 8", 10", and 12" stroke
• Lifting capacity up to 1,500 lbs. on Heavy-Duty
• Single acting cylinders, power up and gravity down
• Approximately 30 lbs. of weight per cylinder needed to retract properly
• Manual with hand crank or electric actuation available
• Internal cylinder mount available for:
  ° 80/20 extrusions 3030
  ° 80/20 extrusions 8080
  ° Bosch extrusions 80mm
  ° Bosch extrusions 90mm

Contact Bucher North America Sales for Additional Manufacturers’ Extrusions
External Extrusion Mount System

**Advantages**
- Universally fits many different sizes of extruded aluminum structures via T-Slot
- Easy installation as an OEM design or as an add-on retrofit to a pre-existing structure

**General Description**
- Retrofit the "D" style cylinder to many different size extrusions via the "L" bracket
- "L" bracket universally fits different sizes of extrusion via the T-Slot
- Tighten down bracket to T-Slot with an Allen wrench

**Technical Information**
- Adjustment ranges available in: 6", 8", 10", 12", 16" and 20" stroke
- Lifting capacity up to 1,500 lbs.
- Single acting cylinders, power up and gravity down.
- Approximately 30 lbs. of weight per cylinder needed to retract properly
- Manual hand crank or electric actuation available

Optional "L" Bracket easily mounts Standard & Heavy-Duty Systems for external extrusion applications.
## System Selection Guide

**Ex. 4E-D1A-12-S**

### # of Cyl.  Actuator Type  Cylinder Body Type  Cylinder / Pump Fitting Type  Live End Rod Type

<table>
<thead>
<tr>
<th># of Cyl</th>
<th>Actuator Type</th>
<th>Cylinder Body Type</th>
<th>Cylinder / Pump Fitting Type</th>
<th>Live End Rod Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M = Manual Crank Drive</td>
<td>A = Inline Tubing Port/External Retaining Ring Mount (Cylinder Tube End)</td>
<td>1 = Straight / Straight</td>
<td>Guided “D” Rod End Options</td>
</tr>
<tr>
<td>2</td>
<td>N = No Motor / Handle</td>
<td>B = 90° Tubing Port/External Retaining Ring Mount (Cylinder Tube End)</td>
<td>2 = 90° / Straight</td>
<td>A = 3/8” Adapter w/ 3/8” Foot Glide</td>
</tr>
<tr>
<td>3</td>
<td>E = 115 VAC* (60 Hertz)</td>
<td>C = 90° Tubing Port/External Clevis Mount (Cylinder Tube End)</td>
<td>3 = Straight / 90°</td>
<td>B = 3/8” Adapter w/o Foot Glide</td>
</tr>
<tr>
<td>4</td>
<td>2 = 220 VAC* (50 Hertz)</td>
<td>D = Inline Tube Port/A-Style Cylinder Mounted Inside 1” Support Sleeve, Inside 1.5” x 1.5” D-Shaped Housing with (4) 1/4-20” Mounting Holes. Requires No External Guide Support.</td>
<td>4 = 90° / 90°</td>
<td>C = 1/2” Adapter w/ 1/2” Caster</td>
</tr>
<tr>
<td>5</td>
<td>3 = 12 VDC</td>
<td>(See pg. 5 for typical cylinder configurations)</td>
<td>5 = 180° / Straight</td>
<td>D = 1/2” Adapter w/ 1/2” Foot Glide</td>
</tr>
<tr>
<td>6</td>
<td>4 = 24 VDC</td>
<td>E = Internal Mount Other</td>
<td>6 = 180° / 90°</td>
<td>E = 1/2” Adapter w/o Foot Glide</td>
</tr>
<tr>
<td>8</td>
<td>5 = 115 VAC* High Speed</td>
<td>F = 3/8” SS Adapter, 3/8” SS Foot Glide w/ SS Piston Rod</td>
<td>7 = Straight Velocity Fuse / Straight</td>
<td>F = 3/8” SS Adapter, 3/8” SS Foot Glide w/ SS Piston Rod</td>
</tr>
<tr>
<td></td>
<td>P = Programmable Switch</td>
<td>G = 1/2” SS Adapter, 1/2” SS Foot Glide w/ SS Piston Rod</td>
<td>8 = Straight Velocity Fuse / 90°</td>
<td>G = 1/2” SS Adapter, 1/2” SS Foot Glide w/ SS Piston Rod</td>
</tr>
</tbody>
</table>

### Guided “D” Rod End Options
- A = 3/8” Adapter w/ 3/8” Foot Glide
- B = 3/8” Adapter w/o Foot Glide
- C = 1/2” Adapter w/ 1/2” Caster
- D = 1/2” Adapter w/ 1/2” Foot Glide
- E = 1/2” Adapter w/o Foot Glide
- F = 3/8” SS Adapter, 3/8” SS Foot Glide w/ SS Piston Rod
- G = 1/2” SS Adapter, 1/2” SS Foot Glide w/ SS Piston Rod

### Unguided Rod End Options
- A = Straight Rod End
- B = Retainer Ring Rod End
- C = Clevis Rod End
- D = Threaded Rod End

---

*AC motors include a rocker switch; DC motors do not.*
## Cylinder Adjustment Range

<table>
<thead>
<tr>
<th>Range</th>
<th>inches (mm)</th>
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<tbody>
<tr>
<td>06</td>
<td>156</td>
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<tr>
<td>08</td>
<td>203</td>
</tr>
<tr>
<td>10</td>
<td>254</td>
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<tr>
<td>12</td>
<td>305</td>
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<tr>
<td>16</td>
<td>406</td>
</tr>
<tr>
<td>20</td>
<td>508</td>
</tr>
</tbody>
</table>

**STD Only**

**4-Post HD Only**

### Standard or Custom

- **S** = Standard
- **H** = Heavy-Duty 1,500 lb. Capacity
- **T** = Telescopic Leg System (w/ B1C Leg Cylinder only)
- **T12** = Telescopic Leg System (w/ mounting rails and feet)
- **M** = Mobile Battery Operated
- **S62B** = Standard, Internal Mount, Bosch Extrusion
- **S62E** = Standard, Internal Mount, 80/20 Extrusion
- **H62B** = Heavy-Duty, Internal Mount, Bosch Extrusion
- **H62E** = Heavy-Duty, Internal Mount, 80/20 Extrusion

### Optional Tubing Lengths

Specify tube length from pump to cylinder:

- Cyl. # 1 ______
- Cyl. # 2 ______
- Cyl. # 3 ______
- Cyl. # 4 ______
- Cyl. # 5 ______
- Cyl. # 6 ______

**Standard Tube Lengths**

- 2 cyl. = 96".60""  
- 4 cyl. = 96".90".60".60"  
- 6 cyl. = 120".120".96".96".96".96"

Recommended tube length is 24" min. and 144" max.
Dyna-Lift®

Parts & Accessories

DL Gear Motor 115 VAC
#DH-07000

DL Gear Motor 24 VDC
#DH-07005

Standard Caster
#DH-17203

Heavy-Duty Caster
#DH-17206

3/8" CS STD Foot Glide
#DH-17200

3/8" SS STD Foot Glide
#DH-17208

1/2" CS HD Foot Glide
#DH-17202

1/2" SS HD Foot Glide
#DH-17207

Standard Adapters
3/8" rod x 3/8" THD CS #DC-03000
3/8" rod x 3/8" THD SS #DC-03002
3/8" rod x 1/2" THD CS #DC-03004
3/8" rod x 1/2" THD SS #DC-03006

Heavy-Duty Adapters
1/2" rod x 3/8" THD CS #DC-03001
1/2" rod x 3/8" THD SS #DC-03003
1/2" rod x 1/2" THD CS #DC-03005
1/2" rod x 1/2" THD SS #DC-03012

SAE Straight Fitting
STD #DH-04111
HD #DH-04113

SAE 90° Fitting
STD #DH-04202
HD #DH-04203

NPT Straight Fitting
STD #DH-04100
HD #DH-04101

NPT 90° Fitting
STD #DH-04200
HD #DH-04201
# Parts & Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>180° Standard Fitting</td>
<td>#DH-04110</td>
</tr>
<tr>
<td>180° Heavy-Duty Fitting</td>
<td>#DH-04112</td>
</tr>
<tr>
<td>&quot;L&quot; Bracket</td>
<td>#DH-08000</td>
</tr>
<tr>
<td>Heavy-Duty Handle</td>
<td>#DH-06517</td>
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<tr>
<td>STD Retractable Handle</td>
<td>#DH-17100</td>
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<tr>
<td>Programmable Switch</td>
<td>#DH-08414</td>
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<tr>
<td>Foot Pedal</td>
<td>#DH-08405</td>
</tr>
<tr>
<td>Rocker Switch</td>
<td>#DH-08400</td>
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<tr>
<td>T.L.A Column</td>
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</tr>
<tr>
<td>Standard Recharge Kit</td>
<td>#DH-16000</td>
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<tr>
<td>Heavy-Duty Recharge Kit</td>
<td>#DH-16002</td>
</tr>
<tr>
<td>Friction Modifier Kit</td>
<td>#DH-16001</td>
</tr>
<tr>
<td>Seal Kits 2- &amp; 4-Post</td>
<td>#DH-16100, #DH-16101</td>
</tr>
<tr>
<td>Fill &amp; Plug Pump</td>
<td>#DP-10010</td>
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<tr>
<td>Power Cords</td>
<td></td>
</tr>
<tr>
<td>230 VAC #DH-08419</td>
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</tr>
<tr>
<td>115 VAC #DH-08420</td>
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<tr>
<td>STD &amp; HD Tubing</td>
<td></td>
</tr>
<tr>
<td>STD #DH-04600</td>
<td></td>
</tr>
<tr>
<td>HD #DH-04650</td>
<td></td>
</tr>
</tbody>
</table>

To Order Call Bucher North America Sales at +1 (616) 458-1306
Quick Ship Program

Advantages
- Standard systems
- Ships typically in 1 to 5 business days

### Standard Manual Systems

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
<th>Shipping Dimensions Inch.</th>
<th>Shipping Weight Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Cylinder, 06&quot; Stroke</td>
<td>4M-DIA-06-S</td>
<td>27x9x7</td>
<td>20</td>
</tr>
<tr>
<td>4-Cylinder, 08&quot; Stroke</td>
<td>4M-DIA-08-S</td>
<td>27x9x7</td>
<td>23</td>
</tr>
<tr>
<td>4-Cylinder, 10&quot; Stroke</td>
<td>4M-DIA-10-S</td>
<td>37x9x8</td>
<td>27</td>
</tr>
<tr>
<td>4-Cylinder, 12&quot; Stroke</td>
<td>4M-DIA-12-S</td>
<td>37x9x8</td>
<td>30</td>
</tr>
<tr>
<td>4-Cylinder, 16&quot; Stroke</td>
<td>4M-DIA-16-S</td>
<td>37x9x8</td>
<td>35</td>
</tr>
</tbody>
</table>

### Standard Electric Systems

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
<th>Shipping Dimensions Inch.</th>
<th>Shipping Weight Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Cylinder, 06&quot; Stroke</td>
<td>4E-DIA-06-S</td>
<td>37x9x8</td>
<td>35</td>
</tr>
<tr>
<td>4-Cylinder, 08&quot; Stroke</td>
<td>4E-DIA-08-S</td>
<td>37x9x8</td>
<td>37</td>
</tr>
<tr>
<td>4-Cylinder, 10&quot; Stroke</td>
<td>4E-DIA-10-S</td>
<td>37x9x8</td>
<td>40</td>
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<tr>
<td>4-Cylinder, 12&quot; Stroke</td>
<td>4E-DIA-12-S</td>
<td>37x9x8</td>
<td>42</td>
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<tr>
<td>4-Cylinder, 16&quot; Stroke</td>
<td>4E-DIA-16-S</td>
<td>44x9x8</td>
<td>48</td>
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</tbody>
</table>

### Dimensions

- **Standard Caster**
- **Heavy-Duty Caster**
- **AC Motor**
- **Foot Glide 4-Post Standard System**
Dimensions

Rocker Switch Housing
Standard w/ AC Electric System

Foot Pedal
Option w/ Electric System

Retractable Folding Handle
Standard w/ Manual System

Programmable Switch
Designated Motors Only

Please consult
Bucher North America Sales
with specific requirements.
We reserve the right to implement changes without prior notice.