Forksetter™

Precision fork positioning on demand.
Forksetter™ increases operator efficiency and reduces the risk of product damage.

APPLICATIONS
Cascade’s Forksetter™ brings a new level of efficiency to your fork positioner. This flexible system uses a specialized sensor to read the distance between the forks on your fork positioner. By integrating this information with truck hydraulics, Forksetter can automatically guide your fork positioning to increase operating efficiency. A touch screen display allows the lift truck operator to select from up to 20 programmable fork spreads, providing quick and easy access to performance-enhancing precision. This easy-to-use system can be implemented in any fork positioning application, including industries that commonly handle variable sizes of loads: automotive, logistics, shipping, warehousing, and more. Forksetter™ reduces the risk of product damage and increases operator efficiency.

FEATURES
- Easy-to-operate, intuitive touch screen display
- Available for new fork positioners or easily retrofittable on units in the field
- Compatible with most fork positioner configurations
- Adjustable screen brightness for ease of use in varying conditions
- Reduce damage to loads with 0.3 in (8mm) positional accuracy
- 12 volt - 80 volt power supply options
- Multi-language support
- Adaptable to other kinds of attachments
Remove the guesswork with Forksetter™

**IMPROVED PRODUCTIVITY**
Interactive and easy-to-use touch screen display makes Forksetter fast and accessible.

**CUSTOMIZABLE**
Password-protected settings menu allows you to customize Forksetter to fit your needs. See the Forksetter support documents for full functionality instructions.

**EASE OF USE FOR DRIVERS**
Fast learning curve for all drivers thanks to an intuitive system and interface.

**VERSATILE & ADAPTABLE**
Mounting hardware can be configured to work with a wide range of trucks and attachments, making Forksetter easy to implement.

**EASE OF USE**
Multi-language support with 14 options to choose from.

**MAXIMIZED EFFICIENCY**
Balance speed and precision for your drivers based on customizable tolerance, deceleration and fork stop time.

**EFFICIENCY FOR DRIVERS**
Easy-to-mount, adjustable display hardware provides drivers with ergonomic access and use.

**RELIABILITY**
Adjustable sensor ranges provide consistent accuracy.

**IMPROVED DRIVER WORKFLOW**
Organize your programmed fork spreads to match your workflow.
BASIC FORKSETTER™ OPERATION

1. The Forksetter main screen displays a selection of up to 20 programmable fork spreads for the lift truck driver to choose from to increase productivity. Options are easy to manage and customize:
   - Add or remove fork settings as desired.
   - Label settings to suit your needs.
   - Sort and organize settings to match work flow.

2. To implement positioning guidance, select a pre-programmed fork spread from the menu. Red arrows will indicate whether the forks need to move in or out to achieve target position.

3. Use the truck’s standard controls to move forks as indicated. Forksetter will interrupt system hydraulics and stop the forks when they reach the target position, indicated on the driver display as shown.

HANDS-FREE FEEDBACK FOR EASY OPERATION
In addition to the guided positioning function, the Forksetter display will also highlight target spreads whenever forks are in that position, providing easy reference for drivers during unassisted fork positioning.

Get fast and accurate fork positioning with Forksetter™. Increase operator efficiency.
## SYSTEM SPECIFICATIONS

<table>
<thead>
<tr>
<th>Catalog Order No.</th>
<th>Usable Sensor Range</th>
<th>Accuracy</th>
<th>Max Hydraulic Pressure</th>
<th>Recommended Hydraulic Flow</th>
<th>Supply Voltage</th>
<th>Supply Current</th>
<th>Power Required</th>
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</thead>
<tbody>
<tr>
<td>12A-APS-X-0001</td>
<td>0 - 122 in</td>
<td>±0.3 mm in</td>
<td>2300 psi</td>
<td>158 bar</td>
<td>10 gpm</td>
<td>38 lpm</td>
<td>12 VDC</td>
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<tr>
<td>24A-APS-X-0001</td>
<td>0 - 122 in</td>
<td>±0.3 mm in</td>
<td>2300 psi</td>
<td>158 bar</td>
<td>10 gpm</td>
<td>38 lpm</td>
<td>24 VDC</td>
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<tr>
<td>36A-APS-X-0001</td>
<td>0 - 122 in</td>
<td>±0.3 mm in</td>
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<td>10 gpm</td>
<td>38 lpm</td>
<td>36 VDC</td>
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<tr>
<td>48A-APS-X-0001</td>
<td>0 - 122 in</td>
<td>±0.3 mm in</td>
<td>2300 psi</td>
<td>158 bar</td>
<td>10 gpm</td>
<td>38 lpm</td>
<td>48 VDC</td>
</tr>
<tr>
<td>80A-APS-X-0001</td>
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<td>±0.3 mm in</td>
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<td>38 lpm</td>
<td>80 VDC</td>
</tr>
</tbody>
</table>

- Sensor accuracy depends on total measurement range, system speed and other factors. Testing is required to verify the precise accuracy of your system.
- Pressure is limited by attachments, hoses, and OEM equipment aux circuit limits. Consult Cascade for system pressure above 2300 psi (158 bar).
- Consult Cascade for hydraulic flow rates over 10 gpm (38 lpm).
- Sensor mounting and cable routing to be performed by the customer. See user manuals or consult Cascade for details.
- Power supply options sold separately. Consult Cascade.

### DISPLAY UNIT
- Screen Size: 3.75" x 2.1" (95mm x 53mm)
- Display Resolution: 480 x 272 pixels

### SENSOR
- Class 1 Laser, acceptable under all conditions of normal use

### OPERATION
- Temperature range: -13–131°F / -25–55°C

### CERTIFICATIONS
- CE Mark

### PROTECTIONS
- IP: 65
- Rev Polarity: No
- Over Voltage: No
- Over Current: Yes
- ESD: 8KV

Forksetter™ Touch Screen Display

Control Valve

Sensor Target

Sensor Unit

Power supply option (sold separately)