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™

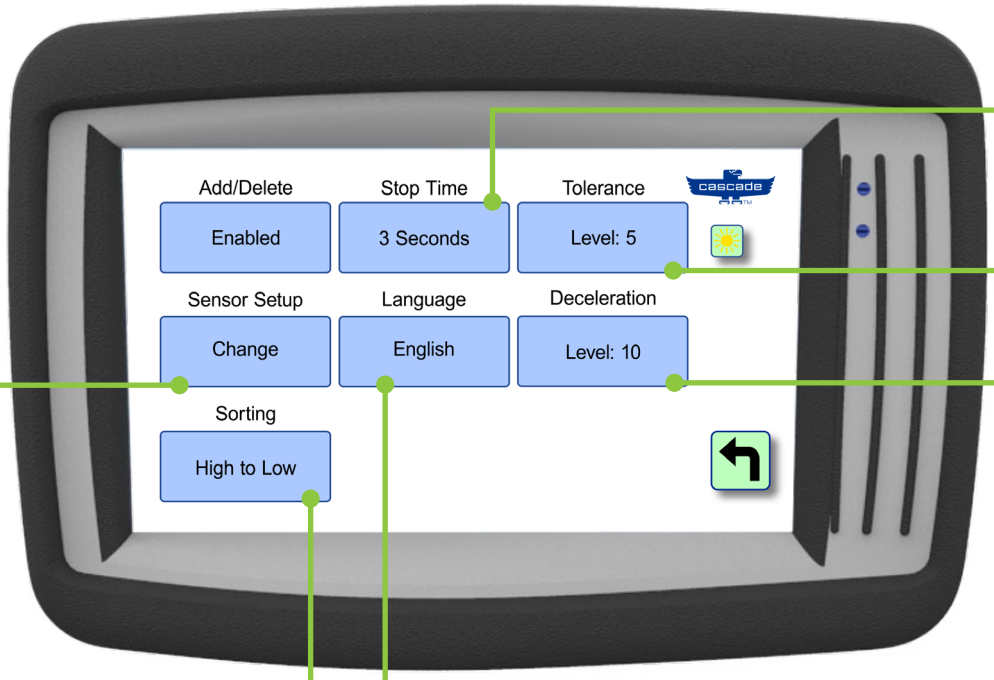
IMPROVED PRODUCTIVITY
Interactive and easy-to-use touch screen display makes Forksetter fast and accessible.

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

CUSTOMIZABLE
Password-protected settings menu allows you to customize Forksetter to fit your needs.

See the Forksetter support documents for full functionality instructions.

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



RELIABILITY
Adjustable sensor ranges provide consistent accuracy.

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

IMPROVED DRIVER WORKFLOW
Organize your programmed fork spreads to match your workflow.

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

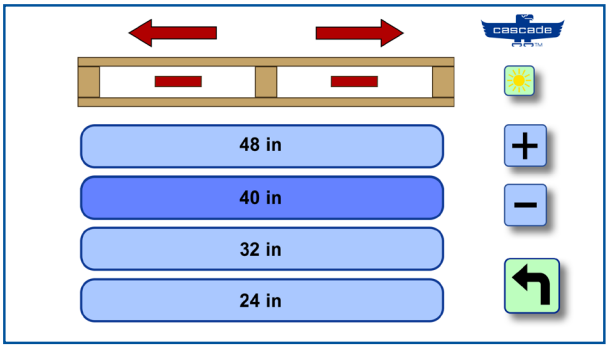
BASIC FORKSETTER™ OPERATION

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:

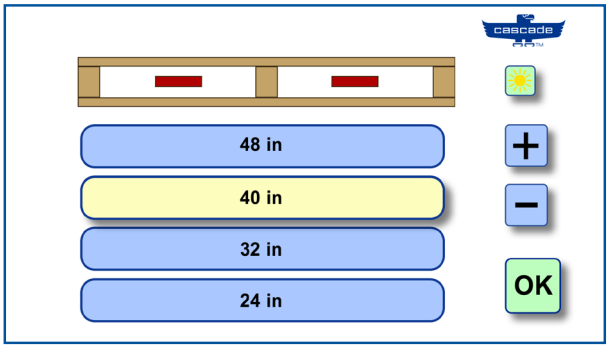
- Add or remove fork settings as desired.
- Label settings to suit your needs.
- Sort and organize settings to match work flow.

2.

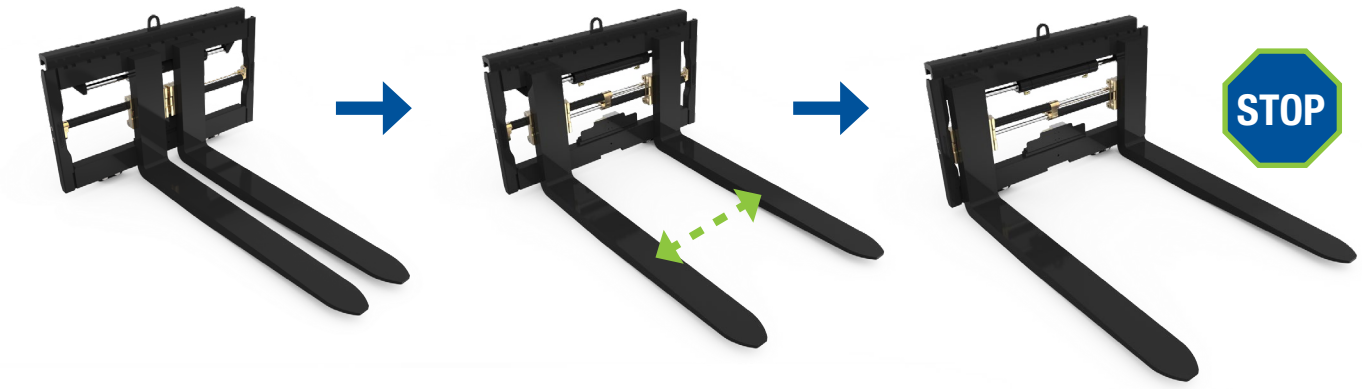


To implement positioning guidance, select a pre-programmed fork spread from the menu. Red arrows will indicate whether the forks need to move in or out to achieve target position.

3.



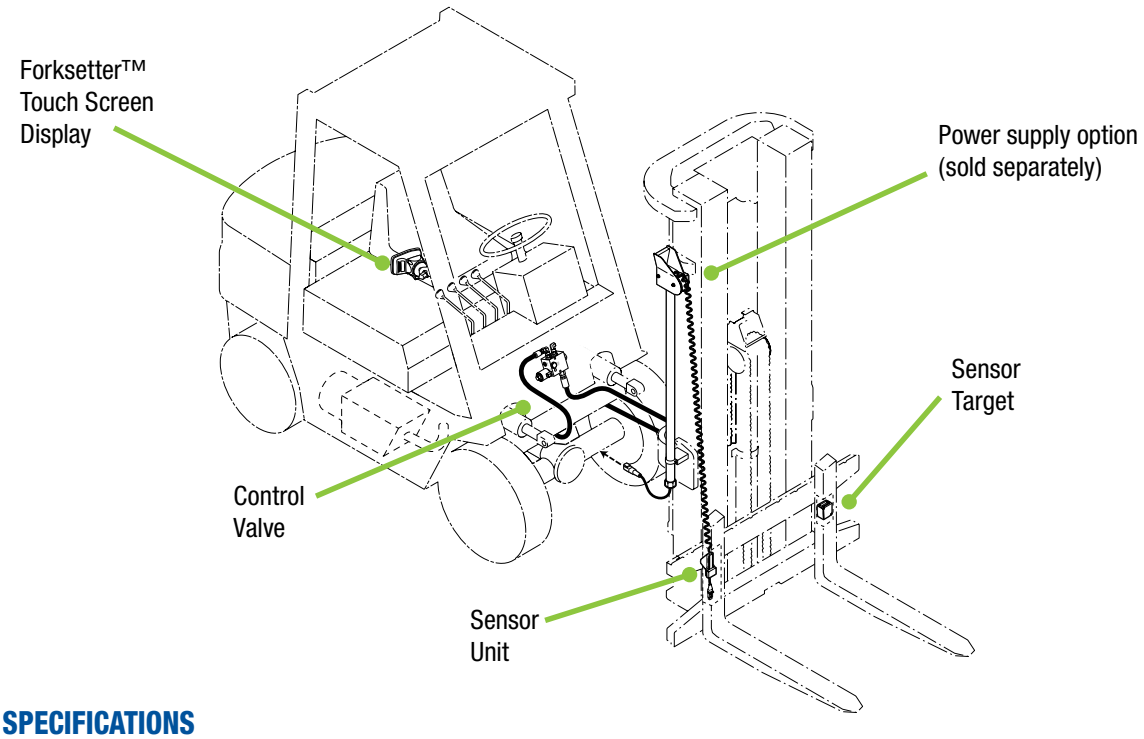
Use the truck's standard controls to move forks as indicated. Forksetter will interrupt system hydraulics and stop the forks when they reach the target position, indicated on the driver display as shown.



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

Catalog Order No.	Usable Sensor Range		Accuracy		Max. Hydraulic Pressure		Recommended Hydraulic Flow		Supply Voltage	Supply Current Minimum	Power Required
	in	mm	in	mm	psi	bar	gpm	lpm	VDC	Amps	Watts
12A-APS-X-0001	0 - 122	0 - 3100	±0.3	±8	2300	158	10	38	12	4	40
24A-APS-X-0001	0 - 122	0 - 3100	±0.3	±8	2300	158	10	38	24	2	40
36A-APS-X-0001	0 - 122	0 - 3100	±0.3	±8	2300	158	10	38	36	2	40
48A-APS-X-0001	0 - 122	0 - 3100	±0.3	±8	2300	158	10	38	48	2	40
80A-APS-X-0001	0 - 122	0 - 3100	±0.3	±8	2300	158	10	38	80	2	40

- 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

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