



Let the F-Series Fork Positioner do the work for you



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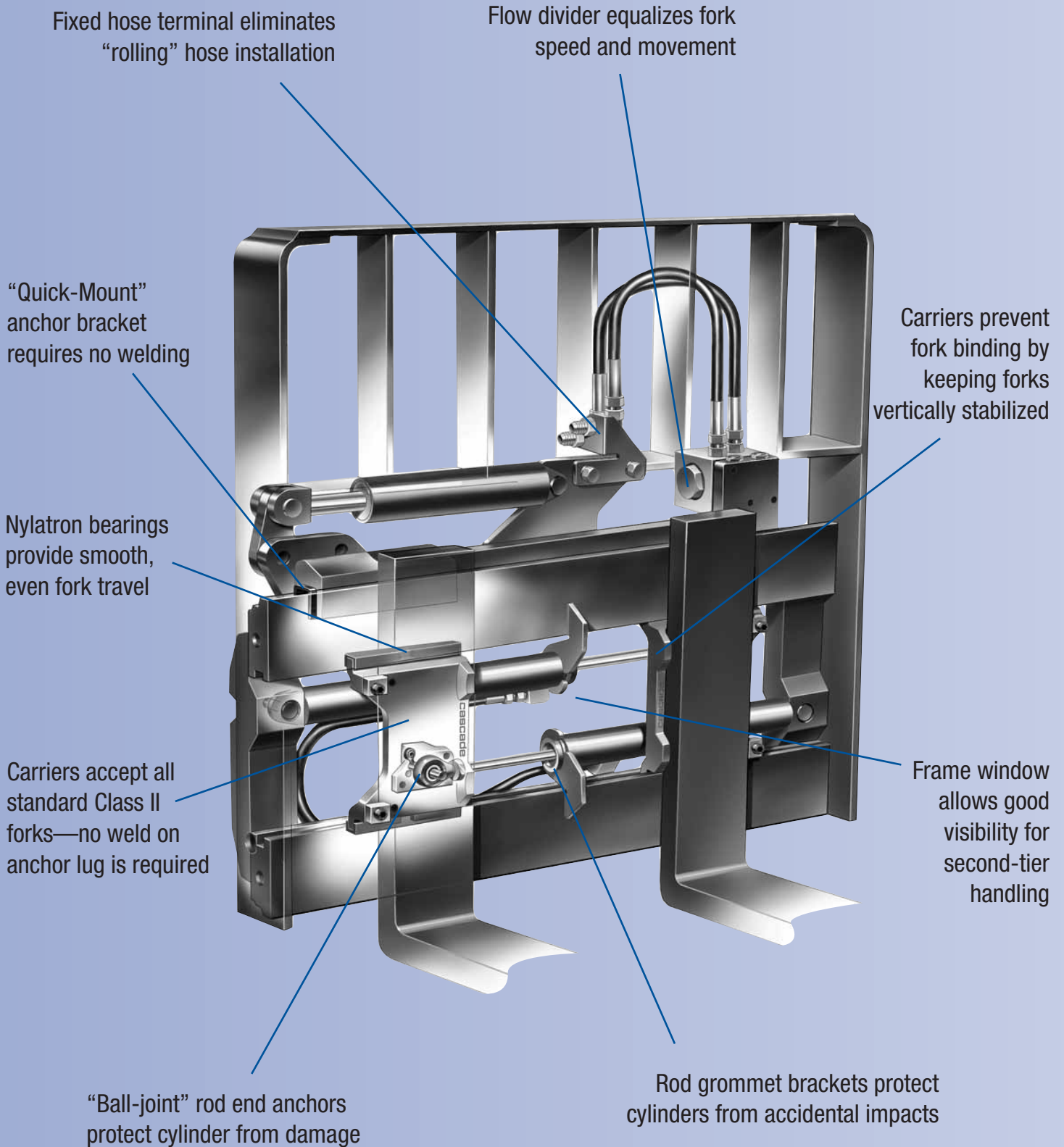
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Handling multiple size loads has never been so easy.





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Manually moving forks is both time consuming and strenuous. Cascade's F-Series Fork Positioners can do the work for you, saving both time and money.

■ **FASTER LOAD HANDLING**

Fork positioners cut cycle time by providing fast, easy and accurate fork positioning. Your drivers can change the fork spacing, or sideshift, in a matter of seconds without leaving their seats.

■ **LESS PALLET DAMAGE**

Fork positioners reduce pallet and product damage by helping to assure proper fork alignment.

■ **LESS TRUCK WEAR & TEAR**

Sideshifting lets your driver accurately position the load without maneuvering the truck, saving both time and truck wear and tear.



FEATURES

SMOOTH, EVEN FORK TRAVEL

Fork carriers keep the forks vertically stabilized so they move smoothly and evenly without binding. A flow divider insures equalized fork speed and movement.

VISIBILITY

The sideshift cylinder and plumbing connections have been positioned to give the driver visibility over the top left-hand side of the frame. Top-mounted sideshift cylinder allows a "window" in the frame so the driver can see through the frame for second tier work.

USES STANDARD FORKS

The fork carriers accept all standard Class II 4", 5", 100mm and 125mm forks. No modification or welded lug installation is required.

SIMPLE, "NO-WELD" INSTALLATION

Unit is completely assembled and ready to hang on the carriage. No welding is required. Fixed (non-moving) hose terminal eliminates the need to make "rolling" hoses—connections may be easily made to internal reeving.

FULL RANGE FORK MOTION

Forks can be moved from full extension to approximately 1" closing. (0" closing can be achieved with special forks.)

OPTIONS

SEQUENCE VALVE

Permits the forks to be repositioned at the end of the sideshift stroke. Allows the use of a single auxiliary valve to control both fork positioning and sideshifting.

SOLENOID VALVE

Allows the use of a single auxiliary valve to control both fork positioning and sideshifting. Fork positioning is selected by depressing a button on the control handle knob.

QUICK DISCONNECT LOWER MOUNTING HOOKS

Allow the fork positioner to be quickly removed from the truck carriage without using hand tools. (Hydraulic connections should be made with QD couplers.)

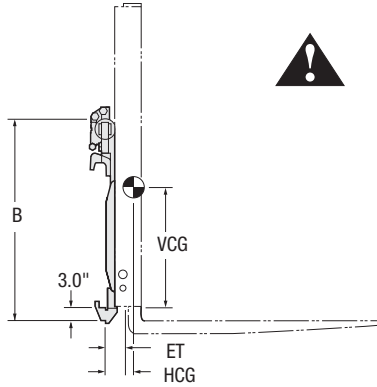
NON-SIDESHIFTING MODELS

For applications that do not require sideshifting. (Sideshifting is recommended for most applications.)

LOAD BACKRESTS

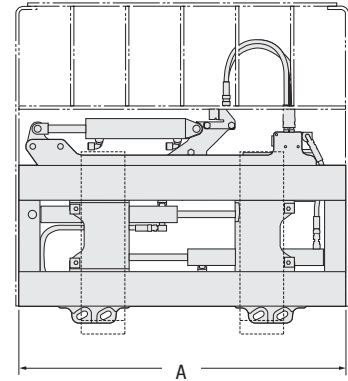
Cascade Load backrests comply with OSHA requirements. Refer to your Cascade price list for part numbers and specifications.

F-SERIES FORK POSITIONER



IMPORTANT: OSHA or state regulations may require the installation of backrests.

- ▶ Cascade supplied Load Backrest required.
- ▶ Load Backrest sold separately.
- ▶ Forks are not included with attachment.
- ▶ 8" total sideshift



Capacity lbs. @ 24" Load Center	Capacity kg. @ 600 mm Load Center	Frame Width Without Backrest A	Opening Range ① (ITO)	Catalog Order No.	Mounting Class	Minimum Truck Carriage Width	Weight (lbs.)	Weight (kg.)	Effective Thickness ET	Horizontal Center of Gravity HCG	Vertical Center of Gravity VCG	Overall Width w/Backrest	Overall Height B
5,500	2,495	37"	1.2"-34.5"	55F-FPS-A037	II ②③	31"	226	103	2.70"	1.3"	10.2"	38"	23.5"
5,500	2,495	41"	1.2"-38.5"	55F-FPS-A041	II ②③	37"	244	111	2.70"	1.3"	10.2"	42"	23.5"
5,500	2,495	49"	1.2"-46.5"	55F-FPS-A049	II ②③	41"	278	126	2.70"	1.4"	10.3"	50"	23.5"
10,000	4,540	41"	1.8"-37.5"	100F-FPS-B041	III ③	37"	427	194	3.65"	2.1"	11.8"	42"	29.5"
10,000	4,540	49"	1.8"-45.5"	100F-FPS-B049	III ③	41"	483	219	3.65"	1.9"	11.9"	50"	29.5"
10,000	4,540	61"	1.8"-57.5"	100F-FPS-B061	III ③	49"	571	259	3.65"	1.9"	11.9"	62"	29.5"
10,000	4,540	72"	1.8"-68.5"	100F-FPS-B072	III ③	61"	725	329	3.65"	1.9"	11.9"	73"	29.5"
12,000	5,450	41"	1.8"-37.5"	120F-FPS-C041	IV ③	37"	550	250	4.00"	2.5"	16.8"	42"	34.0"
12,000	5,450	49"	1.8"-45.5"	120F-FPS-C049	IV ③	41"	621	282	4.00"	2.3"	16.9"	50"	34.0"
12,000	5,450	61"	1.8"-57.5"	120F-FPS-C061	IV ③	49"	734	333	4.00"	2.3"	16.9"	62"	34.0"
12,000	5,450	72"	1.8"-68.5"	120F-FPS-C072	IV ③	61"	1,061	482	4.00"	2.3"	16.9"	73"	34.0"

- ① Dimensions shown based on 5"-wide forks for 55F, 6"-wide forks for 100/120F. 55F adjustable to 4"-wide forks—deduct 2" from outside spread dimension; 100F adjustable to 5" forks—deduct 2" from outside spread dimension. 120F ITO as shown.
- ② Class III available, Class II forks required for mounting on 55F fork positioner.
- ③ 60" fork maximum length. For longer forks, contact Cascade.

LOAD BACKREST

Model	Fork Pos. Width	Cat Order No.	Backrest Height	Weight (lbs./kg.)
55F	37"	207127	36"	55/25
55F	37"	207128	48"	75/34
55F	37"	207129	60"	90/41
55F	41"	207130	36"	60/27
55F	41"	207131	48"	80/36
55F	41"	207132	60"	100/45
55F	49"	207133	36"	70/32
55F	49"	207134	48"	90/41
55F	49"	207135	60"	110/50
100F	41"	209471	36"	60/27
100F	41"	209472	48"	75/34
100F	41"	209473	60"	90/41
100F	49"	209474	36"	65/30
100F	49"	209475	48"	85/39
100F	49"	209476	60"	105/48
100F	61"	209477	36"	75/34
100F	61"	209478	48"	100/45
100F	61"	209479	60"	125/57
100F	72"	377149	48"	115/52
100F	72"	6009384	60"	145/66
120F	41"	6106246	48"	110/50
120F	41"	6106247	60"	143/65
120F	49"	6103744	48"	122/56
120F	49"	6106248	60"	159/73
120F	61"	6106249	48"	141/64
120F	61"	6106250	60"	188/85
120F	72"	6106251	48"	170/78
120F	72"	6106252	60"	215/98

INSTALLATION KITS

Model	Catalog Order No.
Single Function	224041
Dual Function	224042

HYDRAULIC FLOW AND PRESSURE

Model	Minimum	Recommended	Maximum	Max Pressure	Bar
55F	3 GPM	4 GPM	5 GPM	2,600 PSI	180
100F	4 GPM	5 GPM	6 GPM	2,600 PSI	180
120F	4 GPM	5 GPM	6 GPM	2,600 PSI	180

HYDRAULIC FUNCTIONS

Hydraulic Functions	Truck Auxiliary Valves Required
2	2

MOUNTING CLASS INFORMATION

Mounting Class	Truck Capacity	
II	2,000-5,500 lbs.	910-2,500 kg.
III	6,000-10,000 lbs.	2,730-4545 kg.
IV	10,001-17,500 lbs.	4,550-7,955 kg.