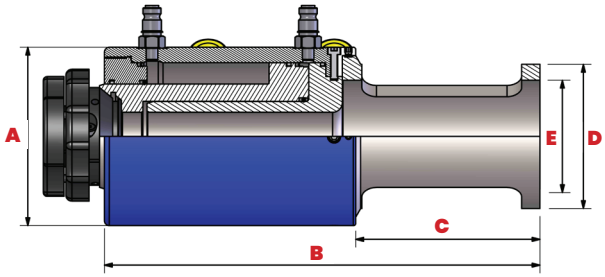
FastaJac Bolt Tensioner

- Simultaneous Even Gasket Compression
- Patented Rapid-Fit Tri-Nut Technology
- Secure Operation in Any Orientation
- Zero Operational Pinch Points

The **FastaJac Bolt Tensioner** reduces production and maintenance costs for manufacturers and end users of plate heat exchangers. Using lightweight hollow cylinders and the patented Tri-Nut, the system simultaneously compresses plates and gaskets at an even rate, ensuring uniform loading and efficient assembly.

Operation

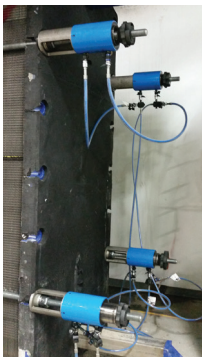
The Tri-Nut slides over the thread and is activated by a counter-clockwise rotation to engage the bolt. A unique cam lock design keeps the nut secure in the tool, even when positioned upside-down. After tensioning, the action is reversed to lock the Tri-Nut open, allowing the tool to be slid off the bar. This eliminates the need to manually run the nut down the full thread length.

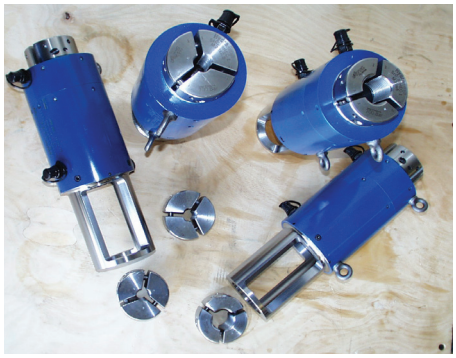


Features

The **FastaJac Bolt Tensioner** has been designed with the operator in mind to ensure a trouble-free and efficient tensioning process. Features include:

- Patented Tri-Nut for rapid installation and removal
- Cam lock design secures tool in any orientation
- Simultaneous compression ensures even gasket loading
- Quick-connect fittings for efficient hydraulic setup
- Safety-first design eliminates operational pinch points
- Lightweight cylinders reduce physical handling effort





Specifications

Load Cell #	Max Pressure (Bar)	Max Force (kN)	Max Stroke	(A)	(B)	(C)	(D)	(E)	Load Cell Weight (kg)	Tri-Nut Size Imperial	Tri-Nut Size Metric	Tri-Nut #
FJ-C27-000	700	403.95	90	132.0	339.5	152.0	120.9	90.0	19.9	1"		C27-I100X8-000
											M24	C27-M24X30-000
										1.1/8"		C27-I102X8-000
											M27	C27-M27X30-000
FJ0C39-000	700	461.5	100	132.0	357.0	157.0	120.0	90.0	20.58		M30	C39-I104X8-000
										1.1/4"		C39-I104X8-000
											M33	C39-M33X35-000
										1.3/8"		C39-I106X8-000
											M36	C39-M36X40-000
										1.1/2"		C39-I108X8-000
											M39	C39-M39X40-000
FJ-C46-000	700	600.7	100	140.0	401.0	192.0	124.5	100.0	21.1	1.5/8"		C46-I110X8-000
											M42	C46-M42X45-000
										1.3/4"		C46-I112X8-000
											M45	C46-M45X45-000
FJ-C52-000	700	639.2	100	154.0	422.5	214.0	140.0	106.0	28.90	1.7/8"		C52-I114X8-000
											M48	C52-M48X50-000
										2.0"		C52-I200X8-000
											M52	C52-M52X50-000