



**TITAN TECHNOLOGIES
INTERNATIONAL INC.**

SUPERIOR TECHNOLOGY.
SUPERIOR SOLUTIONS.

Titan-Technologies International, Inc

PHE Tensioners

Titan Plate Heat Exchanger Tools

Use of Titan Plate Heat Exchanger Hydraulic Tensioners saves production time, decreases labor and maintenance costs. It is ideal for manufacturing and maintenance of plate heat exchangers.

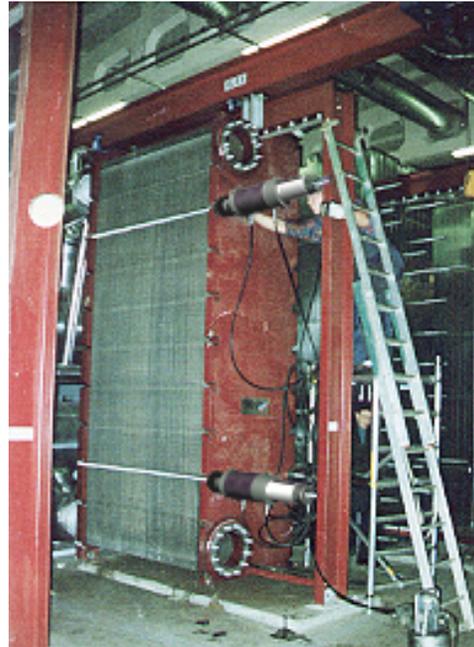
The Titan Technologies PHE System consists of the simultaneous use of multiple lightweight hollow cylinder jacks. These are used in conjunction with the patented 'Tri Nut' which allows the compression of plates to be carried out evenly, squarely and efficiently. The hydraulic cylinders simultaneously compress the plates.

The Tri Nut is designed to fit over the major diameter of the thread until it

engages into its spherical seat. This closes the nut onto the thread and forms a stop for the cylinder.

This facilitates speedy fitting and removal of the tools—ELIMINATING the need for 'running down' the nuts over the full length of the thread.

The plates are thus compressed **EVENLY**. The nut is **s c r e w e d** home easily.



Quickly Adjustable



Use of multiple sizes of Tri Nuts gives great flexibility to the tools.

They are easily positioned and quickly engaged in seconds.

Even compression of the plates is guaranteed. Fast & Easy removal.

Benefits

Fast

Accurate

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