Safety Disclaimer & Warranty Information

SAFETY

Before attempting installation of Technofast products, it is imperative that operators understand the installation and tensioning procedures contained in the manual supplied with the product. **DO NOT ALLOW UNTRAINED STAFF TO ATTEMPT INSTALLATIONS.** Do not allow personnel into the installation area without first instructing them on the safety hazards of hydraulic components.

Pre-Installation Safety Checklist:

1. Are all persons in the installation area aware of safety procedures contained in the bolt tensioning product manual?
2. Have all persons in the installation area been issued with adequate eye and hearing protection devices?
3. Have all persons in the installation area been issued with suitable protective and hi-vis clothing?
4. Are installation personnel trained in the dangers of misuse of high-pressure hydraulic equipment?
5. Is the installation area free of unnecessary obstructions which could endanger personnel performing assigned tasks?
6. No person should be allowed in close proximity to hydraulic components while pressurising the system.
7. When pressurising the system, the pump operator must remain at the station in case of emergency.
8. Set air regulator to achieve the correct oil pressure for the product before coupling and tensioning begins.

REMEMBER: Fluids under high pressure can cause damage or injury if the device is improperly used. Incorrect installation procedures can lead to major safety problems and void warranty.

Important Information Before Begining Installation:

- Operators should wear eye protection and observe safety practices applicable to the use of high-pressure pumping equipment.
- Do not advance components over their recommended tolerances or damage will occur.
- If the gap between the bolt tensioning unit and equipment is excessive, the unit has likely not been installed sufficiently. Release any pressure immediately and repeat the operating procedure as per the operation manual.
- Determine the required pressure (listed on the top of the Technofast products or on the product drawing or certificate supplied with the bolt tensioning unit) and ensure the maximum stroke is checked where applicable.
- Determine the pump and hose configuration and ensure all equipment is installed correctly and ready to operate.
- Regulate the pump to achieve the required pressure, ensuring a steady increase to avoid sudden pressure surges or bursts.
- Ensure the mating spot-face is greater in diameter than the spherical washer and is clean of paint, foreign matter, swarf, or weld spatter.
- Ensure that the base or washer face of the bolt tensioning unit contacts the joint face evenly and is fully supported across its full diameter.

Removal of Bolt Tensioning Unit:

To remove the bolt tensioning unit after operation, please follow the procedures as directed in the product operation manual provided with the unit. Operators must wear eye protection and observe high-pressure safety practices.

Servicing and Maintenance:

Servicing Technofast products at regular intervals is crucial to maintain operation. It allows for preventive maintenance, ensuring potential issues are identified and resolved before they escalate. Regular servicing includes lubrication, inspection, and detection of damage or wear, optimising performance and preventing unexpected failures. Adhering to recommended intervals and procedures ensures continuous operation and reliability.Refer to the product's operation manual for more details.

WARRANTY AND LIABILITY

Technofast products and related intellectual property are covered by Australian and International Patents. Due to the nature of applications, no responsibility for performance can be accepted by the manufacturer beyond the terms of the Limited Warranty. Technofast products are warranted free of original defects in material and workmanship for a period of one year from the date of shipment to the first user. This warranty is void if the product has been disassembled in an unauthorised facility, if substitute parts have been used, or if the product has been used in any manner not in accordance with manufacturer directions. Technofast's obligation is limited to replacement, and in no event shall liability be accepted for any loss or damage, consequential or special, arising in connection with the use of these products.