



The Revolutionary Titan AquaTite™

STOP
sending your SUBSEA
Tensioners topside during the
alignment and tightening process

- **SAVE 45% TO 80% ON DIVE TIME**
- **REDUCE DIVER FATIGUE**
- **INCREASE SAFETY**
- **IMPROVE SUBSEA BOLTING PROCESS**





- After many consultations with leading diving companies, the message was loud and clear: Give us a tensioner which does not extrude seals and one with auto return. They considered the continuous sending of the tools top side an extremely costly operation to maintain.
- Stroke limiting was quite easy to achieve for our designers, but auto return was something else!! Springs would not push the oil back up and double acting cylinders were too complex and big,....
- Titan AquaTite TM provides the perfect solution:
- Use of water as the hydraulic fluid, and the patented design of a Pressure Release Valve enables the auto piston return to take place right on the sea bed, at the flange itself, by simply moving one lever!!!

- Due to positioning of the pipeline, sub sea tensioners are often used to align the flanges just prior to tightening. This gap is often 25 to 90 mm wide.
- To achieve this 2 or 3 tensioner strokes are often needed.
- The Titan AquaTite™ SUBSEA Tensioners have an automatic PISTON RETURN SYSTEM.
- The need to dismantle the harness, undo all the split nuts, send all the Tensioners up to the barge, retract all the pistons, send back down, reinstall, re-harness and finally carry out final tightening ...

IS ELIMINATED!

