## A Revolutionary Turnkey Subsea Manifold Solution





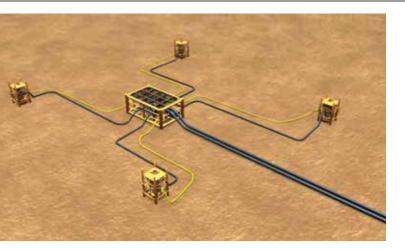
## **FULL SERVICE SOLUTION**

- Revolutionary approach to subsea flow spools
- Utilises tilting and rotating jigs
- Delivers unrivalled precision across spool assemblies
- Dramatically reduces installation times
- Improves performance and reliability



## Revolutionary Turnkey Subsea Manifold Solution





Subsea Pro Flow is a revolutionary approach to manufacturing and supplying Subsea Flowspools. Our cutting edge technology in designing and manufacturing specific jigs/fixtures which can be tilted and rotated to deliver full spool assemblies to unparalleled accuracies.

As well as improving the flow and performance of the spool, Subsea Proflow dramatically reduces the installation process by ensuring a perfect fit every time, without applying unnecessary stresses and strains.



## **CORE BENEFITS**

- Avoids Spools being "pulled" into position
- Reduces the Tensile and Compressive Stress when fitted to Subsea Blocks / Manifolds
- Achieves the most stringent dimensional tolerances across X,Y and Z axises of between 0.005" > 0.030"
- Spools can be manufactured in a wide range of diameters, and during manufacture some spools can be as high as 3-4 mtrs in height
- Reduces Client Assembly times and costs
- Finite Element Analysis not compromised
- Improves manifold performance



- Forged Materials
- Heat Treatment
- Forging
- Induction Bending
- Materials Inspection
- Weld Clad Overlay
- Machining
- Fabrication









