

## Methanol Injection System

The Specialist ROV Tooling Services Ltd Methanol Injection System has been designed to inject Methanol at high pressures subsea through a Hot Stab connection at pressures up to 520 Bar. Due to the dangerous nature of Methanol and its handling the Methanol Injection System is designed for maximum safety with zero leakage at any time. The Methanol storage vessel is filled and bled of air at the same time without loss or the need of any manual handling of fluids. The Methanol Injection System is a passively compensated enclosure which keeps the pressure at ambient reducing the risk of leakage.

The Methanol Injection System is tested on deck with water and all adjustments are made whilst pumping water. At no time should the unit be run on deck with Methanol in the system. For safety Methanol is only added to system minutes before dive.

One of many safety features of the Methanol Injection System is that once the Methanol fluid has been depleted from system, the flushing valve is then operated which flushes any remaining Methanol from the system using seawater meaning there is no Methanol residue recovered to deck and system is safe to be handled.

- Hydraulic Input
  - Pressure 180–210Bar (3000psi)
  - Flow 25–50Lmin
- Hydraulic Output
  - Pressure 10–415Bar (6000psi)
  - Flow 5–30Lmin
- Available as part of a 3000m ROV Skid package with up to 400L media capacity
- Quick load cartridge system

