



We provide multiple station hydraulic control manifolds for ROV tooling packages. Our manifolds are different from the competition because we modify the directional control valves to prevent any cross contamination in the valve stack.

We supply valve packages with independently adjustable pressure and flow for up to ten stations per valve stack. Our standard tooling stacks are designed for pressures up to 3,000 psi (207 bar) and flow rates up to 6 gpm (23 lpm). We also have hydraulic control manifolds that can deliver multiple pressures and flows to the same circuit without the cumbersome plumbing. Manifolds capable of controlling hydraulic fluid, vegetable oil based fluids, and water glycol are used regularly on our subsea equipment.

High-pressure control manifolds rated to 5,000 psi (345 bar) and high-flow manifolds capable of 25 gpm (95 lpm) are also available upon request. Custom manifold designs (i.e. load holding, multiple tool start-up, subsea actuation, etc.) and hydraulic system development are also services provided by the Technical Department.

### Specifications

Pressure Ranges	0 – 10,000 psi (0 – 690 bar)
Flow Ranges	0 – 25 gpm (0 – 95 lpm)
Number of Circuits	Limited by the ROV
Design Capability	Custom Circuits / Manifolds
Fluid Compatibility	Hydraulic, Vegetable, Glycol
Temperature Ratings	32 F (0 C) to 125 F (52 C)