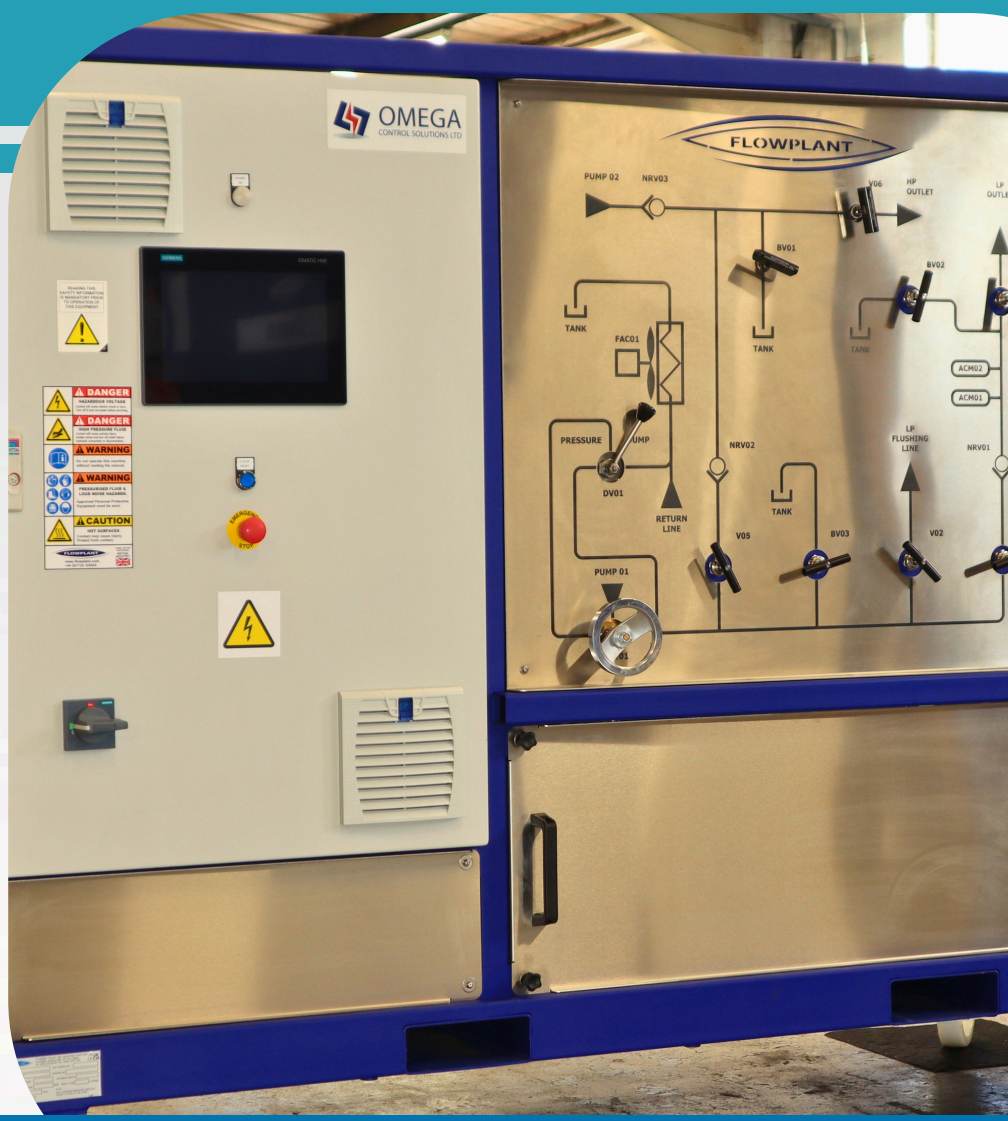
ONESUBSEA DUAL-PURPOSE FLUSHING & HPU SYSTEM

Advanced Flushing and Hydraulic Power in a Single Package

Working closely with OneSubsea, Flowplant developed a bespoke solution that combined high-performance system flushing with hydraulic power unit functionality.

The result was a highly flexible package capable of supporting actuator operation, filtration and high-pressure testing while reducing equipment requirements on site.



CUSTOM Engineering | BRITISH Manufacturer | PROVEN Performance | SYSTEM Reliability

The Challenge

- Combine flushing and HPU functionality
- Operate hydraulic actuators up to 345 bar
- Improve equipment flexibility
- Reduce dependence on existing HPUs
- Integrate advanced automation and controls

Flowplant's Solution

Flowplant engineered a highly customised flushing and hydraulic power unit tailored to OneSubsea's evolving requirements. The final design combined flushing, actuator control, filtration, automation and high-pressure capability within a single package, providing a flexible solution for demanding subsea applications.

RESULTS

- Bespoke solution developed
- Expanded operational flexibility
- Reduced equipment requirements
- Advanced automation integrated
- Customer-approved specification
- Ready for future deployment

SCAN HERE!

PROJECT HIGHLIGHTS

- Dual-purpose flushing and HPU system
- Harben high-pressure pump technology
- Up to 415 bar operating pressure
- 22kW inverter-controlled drive
- Integrated PLC and HMI controls
- Independent filtration and circulation system
- 1000 bar high-pressure outlet
- Custom engineered for subsea operations

- Flushing & HPU in One Unit
- Advanced Control & Automation
- Enhanced Subsea Capability

FLOWPLANT®

Scan the QR code to find out more and tell us about your custom project requirements