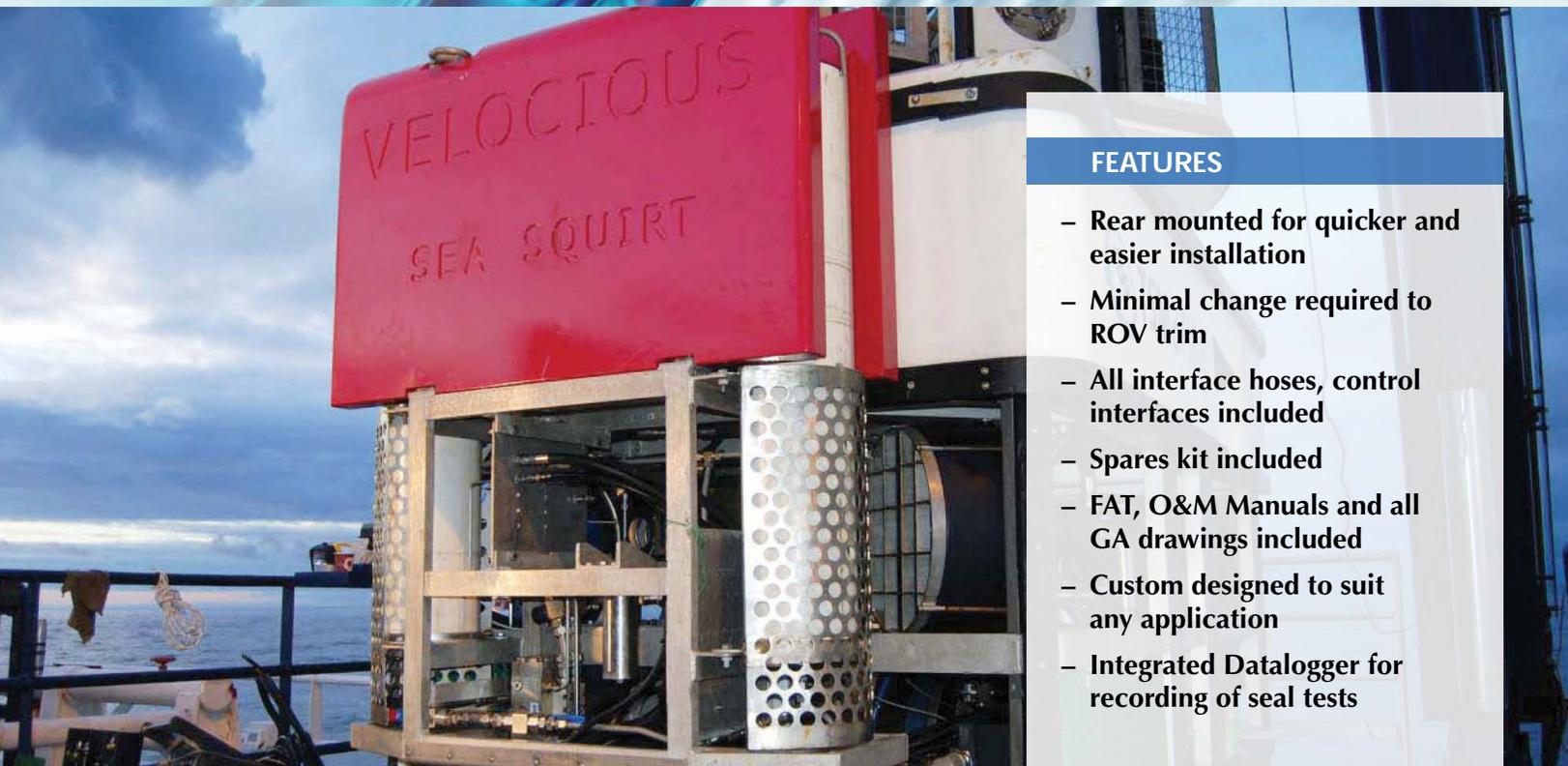


SEA SQUIRT FLUID INJECTION SYSTEM



FEATURES

- Rear mounted for quicker and easier installation
- Minimal change required to ROV trim
- All interface hoses, control interfaces included
- Spares kit included
- FAT, O&M Manuals and all GA drawings included
- Custom designed to suit any application
- Integrated Datalogger for recording of seal tests

ROV Mounted Fluid Injection System (Backpack)

Today's subsea hardware is becoming more complicated and requires greater working pressures; Sea Squirt can be tailored to suit the exacting requirements of your subsea hardware.

All equipment is supplied in a purpose built frame that can easily be fitted or removed to/from the WROV without the need for under vehicle access. The complete fluid injection skid is neutrally buoyant to ensure that any potential effects on the ROV dynamic handling characteristics are minimised.

All hardware is mounted inside the fluid injection skid and is connected to the host ROV via minimal hydraulic and electrical connections to reduce installation and removal time. The standard buoyancy supplied with the Sea Squirt has a safe working depth of 1000m although can be optionally upgraded upon request.

The Control System offers an accurate and repeatable solution to client requirements for the control of hydraulic tools for high integrity applications. In this particular instance the GUI code has been written specifically for the fluid injection system. This allows the user to infinitely adjust pump output pressure and flow within the system range whilst the equipment remains fully operational at depth.

The internal data logger has the ability to log both the Control System and hydraulic pump output pressures simultaneously, this means that seal tests of up to 600 bar can be performed and recorded by the system where the pump is appropriately specified.

The Sea Squirt control system can be operated from a standard PC or Laptop Computer using the powerful GUI supplied. The system can also be provided with custom built isolation panels for conducting seal or annulus tests or indeed any other suitable application.

SEA SQUIRT FLUID INJECTION SYSTEM

TECHNICAL SPECIFICATIONS

Overall Dimensions (LxWxH)	400 x 1200 x 1700 mm
Weight in Air	250 kg
Weight in Water	20 kg
Max Fluid Delivery Pressure	420 bar (7600 psi)
Max Fluid Delivery Flow	20 lpm
Hydraulic Inlet Pressure	210 bar (3100 psi)
Hydraulic Demand Flow	50 lpm
Fluid Capacity	60 Litres Working (130 L optional)
Depth Rating	1000 MSW with standard buoyancy, hydraulically compensated
Output Delivery Fluid	Water based fluids, seawater, mineral oils etc. (Optional dual fluid units available)

Let us help you move forward

EDT and Eclipse Group strive to provide our clients with the highly qualified personnel and technical solutions.

Our comprehensive service lines include:

- Marine services
- Vessel operations and management
- Subsea services
 - ROV operations
 - Diving operations
- Government services
- Civil and military air crash investigation
- Construction and infrastructure
 - Survey
 - Cable and pipeline installation

Our mission is to become a leader in comprehensive subsea and ROV services worldwide. We welcome the opportunity to discuss our services with your organization.



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