



Intervention ROV



Introduction

Remotely Operated Vehicle (ROV) systems are capable of carrying out a wide variety of tasks, but they require very specialist tooling and support arrangements in order to provide the level of capability and flexibility required to carry out submarine intervention.

Our bespoke Intervention ROV differs from the majority of off-the-shelf ROV systems in its optimisation for rapid deployment and ease of installation to a variety of vessel types.

Ultimately, a dedicated Intervention ROV is designed to maximise the opportunity of reaching the crew of a Distressed Submarine in as short a time as possible; maximising the possibility of a successful rescue.

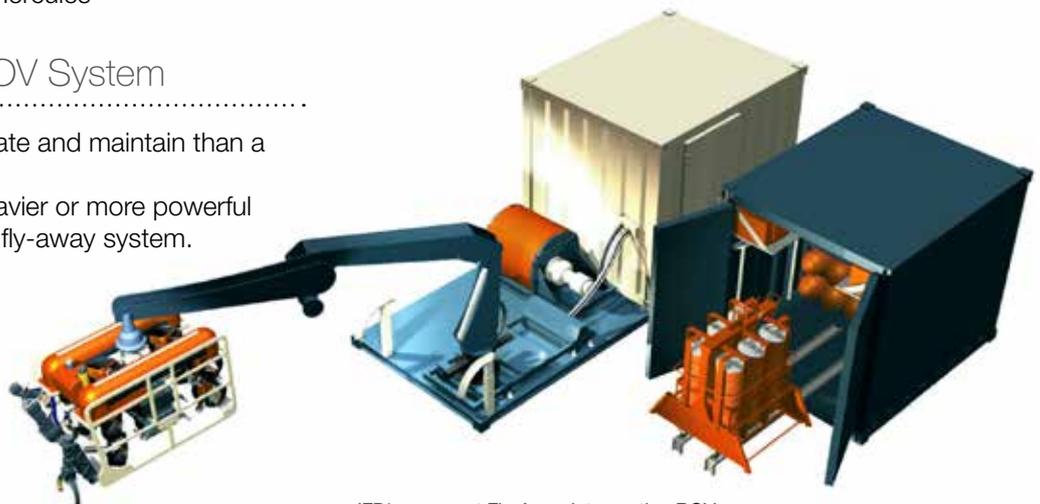
JFD can provide both Fly-Away and Permanently Installed Intervention ROV solutions.

Fly-Away Intervention ROV System

- Mobile and versatile, the system is entirely integrated onto a single 20' ISO base.
- Core system fits comfortably within 17m² deck space.
- Total weight: less than 12 tonnes.
- System centre of gravity arranged to minimise welding.
- With optional power supply, can be mobilised with minimal welding and fully independent of ship's services.
- Optimised for rapid deployment by road and air.
- Complete life-support supplies store available as an optimised 10' ISO container.
- Integrated crane, sheaves and towing winches.
- Packaged in short-height ISO containers suitable for transportation in a C130 Hercules

Permanently Installed ROV System

- Inherently simpler to operate and maintain than a fully-portable system.
- Allows for the use of a heavier or more powerful ROV than possible with a fly-away system.



JFD's compact Fly-Away Intervention ROV System with optional ELSS container

Specialist Tooling

- ELSS Delivery: Pod Grabs
- Atmosphere Sampling Equipment
- Cable Cutters
- Mud-pump
- Specialist Manipulators
- Sub-sea instrumentation including Geiger counter
- Debris clearance tools
- High Salvage Point adapters & DSDS fittings
- Hot-tap oil sampling

Specialist Tooling

Configuration	Footprint
Core Intervention ROV System	17m ²
Core System + optional ELSS container	35m ²



JFD's Fly-Away Intervention ROV in operation with JFSRS in Australia



JFD's permanently installed ROV System in operation with Swift Rescue