

# ROV SKID & CONTROL SYSTEMS

## PRODUCT GROUP

## PIPELINE REPAIR & TIE-IN



### PRODUCT DESCRIPTION

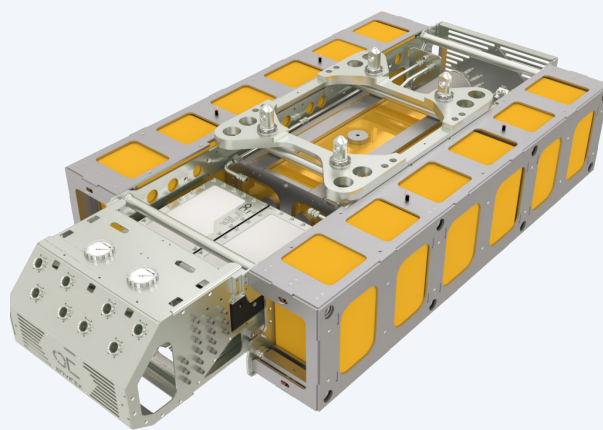
Remote Operated Vehicles (ROV) Skids, Backpacks and Hydraulic Power Units (HPU) are required to provide power and control to remote operated tools and equipment. Our systems interface with standard work class ROV's to enable the operation of remote pipeline repair & Tie-in systems.

The remote operated valve packs have full 0-100% proportional control over both the flow and pressure. Fed from a 200l reservoir, the system is fully adaptable for a wide range of applications and equipment including a minimum of 2 lifting operations of our Pipeline & Lifting Tools without the need to refill.

The "dirty pack" is fitted with separate filters to avoid contamination in the oil. The skid structure is based on an Envirex skid with smart sliding frame for easy access, filter change, maintenance and service.

The Topsides control systems (laptops, software, switchboard, deck test system and all cabling) have been specifically developed for flexibility within the control system to enable its use for multiple tools and applications.

Our ROV skids and control systems provide a flexible, reliable and robust solution to operating remote systems in harsh or deepwater environments.



### CAPACITIES

	ROV Skid	ROV Backpack
<b>Reservoir</b> Including Dirtypack with motor, filters & pump	200l Capacity	16l Capacity
<b>Valve Output</b>	2 packs, 8 valves each Flow: 0-40l/min. Supply Pressure: 0 - 210 Bar	1 packs, 6 valves each Flow: 0-70l/min. Max Supply Pressure: 0 - 210 Bar
<b>High Pressure Booster</b>	Supply Pressure: 0 - 1500Bar	N/A
<b>Power Canister Output</b>	110V from 24V	N/A



#### CONNECTOR SUBSEA SOLUTIONS

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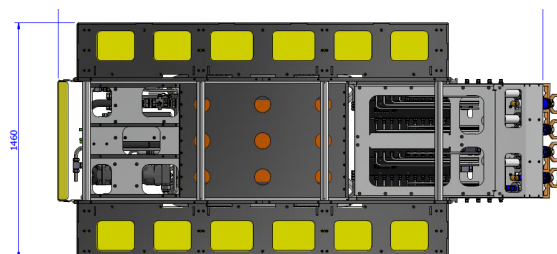
# ROV SKID & CONTROL SYSTEMS

PIPELINE REPAIR &amp; TIE-IN



## DIMENSION & WEIGHTS

ROV Pressure:	Dk Lok Ø20
ROV Return:	Dk Lok Ø20
ROV Leak:	Dk Lok Ø12
External Pressure Connection :	Dk Lok Ø12
External Pressure Connection:	Dk Lok Ø12
Water Depth	3000m
Operating Temperature	-20 DegC to +60 DegC

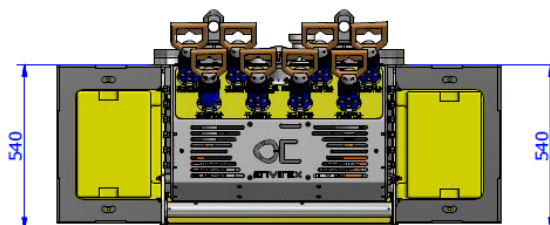


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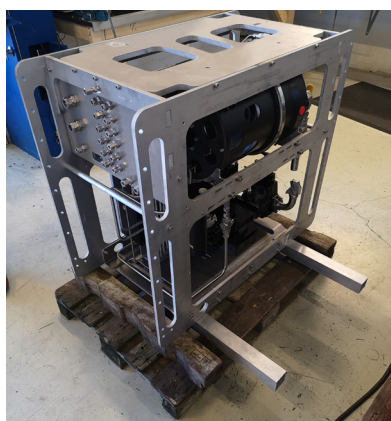
	ROV Skid	ROV Backpack
Dimensions (HxWxD)	540 x 1460 x 3003mm	900 x 1060 x 574mm
Mass of ROV Skid	1200 kg	230 kg
Weight of ROV Skid in Air	11,768 N (1200 kgf)	2256 N (230 kgf)
Weight of ROV Skid submerged	490 N (50 kgf)	1549 N (158 kgf)

## ADDITIONAL INFORMATION

Sensor Canister	ROV skid interface, included in software
Docking Probes	Standard probes for various ROV types
Signal Type	Ethernet



01 // CSS Control System



02 // CSS ROV Back Pack



03 // CSS ROV Skid



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