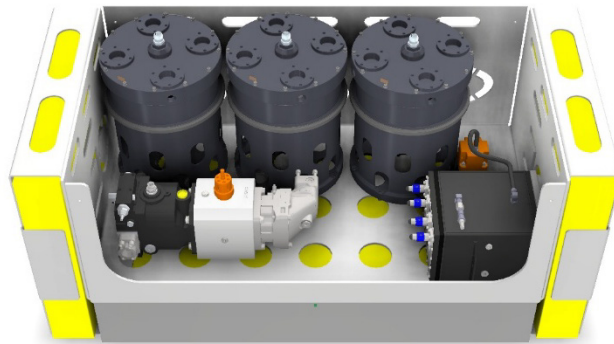


# BACKPACK TRAY DWVP

ROV TOOLING  
DIRTY WORK PACK  
COMPACT DESIGN



## Description

The backpack system is a compact subsea module designed for ROV-based valve and tooling operations. It includes a 4-station valve pack, 3x 16L Compensators, Dirty Work Pack (DWP), flowmeter, start/stop valve, and a dedicated valve pack (DWP-VC) for displacement control.

The DWP is powered from the ROV main hydraulic system and requires high pressure and flow. A start/stop valve controls operation and must be continuously pressurized (minimum 20 bar) to remain open. As there is no upstream flow control, the supply flow must not exceed 167 L/min to avoid damage. The system also features dedicated return ports for drain and return from a Ø55 3-port valve stab. The flowmeter and DWP-VC are integrated into the ROV control system and visible in software.

## Typical Operations

- Tooling Operations
- Valve Control Operations
- Subsea Fluid handling
- ROV Intervention tasks

## Features

- 4-station valve pack
- 3x 16L Compensators
- Integrated flowmeter
- Start/stop valve
- VJU Software integration

□ The specification details are illustrative for marketing purpose only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500, sales@envirent.no

# SPECIFICATIONS

## BACKPACK TRAY DWVP

### General Technical Specifications

Type	Backpack Tray DWVP
Part Number	BP-TRAY
Dimensions L x W x H	1600 mm x 790 mm x 700 mm
Weight in air / submerged	475 kg / Estimated 100 kg
Depth Rating	450 MSW

### Hydraulic Specifications

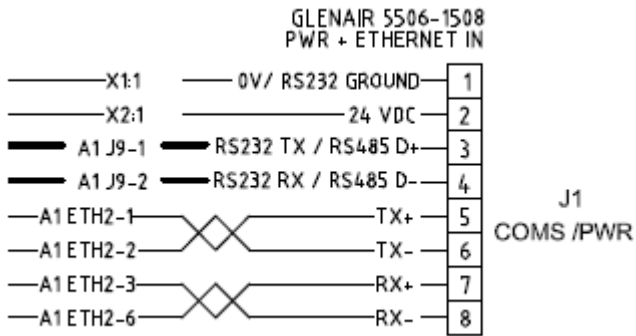
Max. Supply Pressure (to motor)	345 Bar
Max. Peak Output Pressure	250 Bar
Min. Recommended Output WP	220 Bar
Max. Supply Flow	167 L/min
Max. Output Flow 1A – 3B	35 L/min
Max. Output Flow 4A – 4B	60 L/min

### Hydraulic Interface

Connection ROV Pressure	Jic 12
Connection ROV Return	Jic 12
Connection ROV Drain	Jic 8
Connection Output 1A – 1B	Jic 6
Connection Output 2A – 2B	Jic 6
Connection Output 3A – 3B	Jic 6
Connection Output 4A – 4B	Jic 8
Fill/Flush Comp	¼" Swagelock QC

### Electrical Interface

Communication	Ethernet / RS232
Connector	5506-1508-0004 – Burton/Glenair



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# SPECIFICATIONS

## BACKPACK TRAY DWVP

### Inventory List:

Items listed in Inventory List are delivered with the equipment as standard. Any additional equipment must be specified upon order.

Item	Description	Total Qty
1.	Hydraulic Hose 3/4", Jic 12 Fm – Fm (Pressure and Return)	2
2.	Hydraulic Hose 1/2", Jic 8 Fm – Fm (Drain)	1
3.	Cable Subsea Pigtail Scorpion 55A1-1508. 5m	1
4.	Computer Laptop ink VJU Software	1
5.	Burton Dummy Connector	1