

# IHPU BACKPACK

ISOLATED HYDRAULIC  
POWER UNIT (IHPU)  
BACKPACK CONFIGURATION



## Description

**The 10,000 psi / 690 Bar IHPU is a versatile unit designed for a wide range of subsea applications, including operation of BOP tooling, media transfer, and pressure testing.**

Output pressure is directly proportional to the input pressure, allowing precise adjustment from 0 to 10,000 psi.

The pump can be connected to any subsea reservoir via the suction port (JIC 12). Here built in a Backpack Frame with a 16 L Compensator Reservoir. A range of soft reservoirs and piston reservoirs is available, with optional electronic readout to suit specific operational requirements.

## Typical Operations

- ROV Intervention
- Tooling Operations
- Pressure Testing

## Features

- Boyancy Blocks to reduce weight in water
- Compact and robust Design
- 16L Compensated Reservoir
- Full proportional pressure control
- 690 bar/10000 psi pump pressure
- 8,7 L/min pump flow
- Subsea gauges to monitor pressure A and B
- Multifluid Tool

■ 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

## IHPU Backpack

### General Technical Specifications

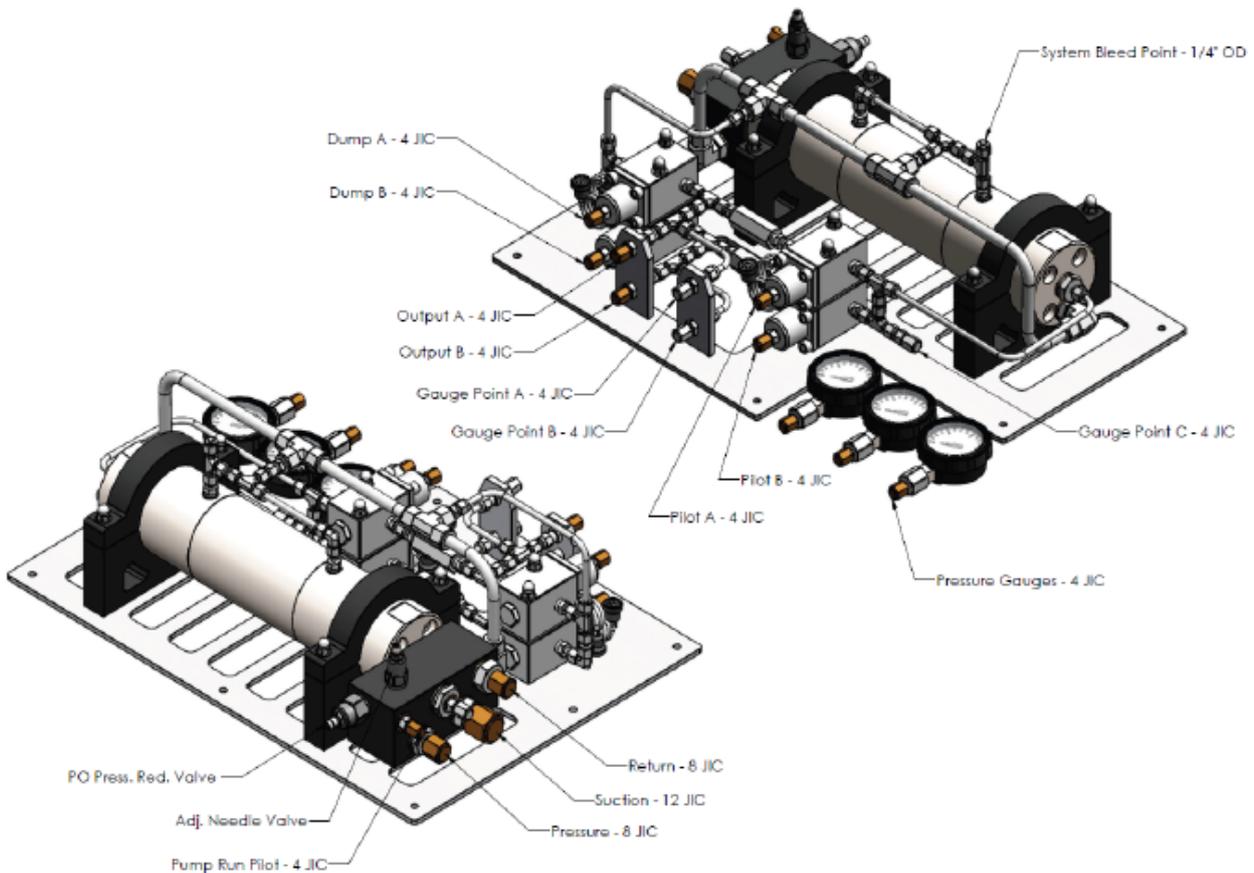
Type	IHPU Backpack w/16L Compensator
Part Number	BP-
Dimensions L x W x H	975 mm x 1349 mm x 484 mm
Weight in air	187,5 kg
Depth Rating	3000 MSW

### Hydraulic Specifications

Max. Input Pressure	207 Bar
Max. Output Pressure	690 Bar
Max. Input Flow	40 L/min
Max. Output Flow	8,7 L/min

### Hydraulic Interface

Connection ROV Pressure	JIC #8
Connection ROV Return	JIC #8
Connection ROV Output Pressure A & B	JIC #6
Connection Pilots	JIC #4
Connection Suction	JIC #12
Connection Dump Pressure	JIC #4



□ 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

## IHPU Backpack

### 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	PN
1.	Hydraulic Hose 1/2", Jic 8 Fm – Fm, 4m. SS	2	
2.	Hydraulic Hose 1/4" Jic 4 Fm – Fm. 4m. SS	5	
3.	Hydraulic Hose 1/4" Jic 4 Fm – Fm. 4m. SS. 10K	4	
4.			
5.			
6.			
7.			
8.			
9.			
10.			

■ 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