

HIGH FLOW PUMP ISOLATED HYDRAULIC POWERBACK



Description

The High Flow Backpack DWP is compact, simple to incorporate and service friendly all-in one pump system.

The Dirty Work Pack is an isolated hydraulic power unit that can easily incorporate into a ROV hydraulic system to provide an isolated hydraulic supply for driving tooling and equipment that may have potentially otherwise cause contamination to the main ROV hydraulic supply.

The Backpack Skid consists of a 16L compensated reservoir, Dirty Work Pack, depth compensated flow-reducing valve and buoyancy.

Typical Operations

Tooling Operations

Features

- 207 or 345 Bar Pump Supply
- □ 120 L/min Pump Flow
- 16L Compensated Reservoir
- Depth-compensated Flow Control Valve
- Pilot Start-Stop Valve
- Bulkhead Connection Plate
- Buoyancy to reduce weight in water

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Compact design

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, post@envirent.no

SPECIFICATIONS

DIRTY WORKPACK BACKPACK

General Technical Specifications

Type Part Number Dimensions L x W x H Weight in air / submerged

Hydraulic

Max Input Pressure Max Output Pressure Max Input Flow Max Output Flow

Connection ROV Pressure Connection ROV Return Connection ROV Drain Connection ROV Start-Stop Valve Connection DWP Supply Connection DWP Return Connection DWP Drain Connection DWP Fill Port

Technical

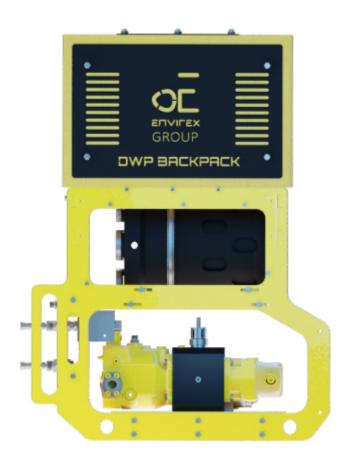
Depth Rating

Dirty Workpack Backpack 103322 975 mm x 1349 mm x 484 mm ~250 kg / ~20 kg

207 Bar 207 Bar or 345 Bar 168 L/min 120 L/min

JIC #12 JIC #16 JIC #6 JIC #12 JIC #12 JIC #16 JIC #6 JIC #4

MSW 3000



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