

SUBSEA PUMP UNIT

INJECTION AND FLUSHING
1100L RESERVOIR
345 BAR PUMP



Description

The Subsea Pump Unit is a standalone pump basket with high fluid volume capacity for injection and flushing applications. The pump is powered by a standard WROV and can either supply mineral based oil, water glycol-based fluid or MEG.

The SPU will increase efficiency of fluid injection and flushing performed from e.g IMR vessels by removing traditional cost-driven deck spreads such as HPU, pumps, reel, and downline.

The basket comes with a 1100 liters flexible tank, hydraulic driven motor-pump unit for 5000 psi pressure and a ROV control panel.

Typical Operations

- ▣ Fluid Injection
- ▣ Flushing Operations

Features

- ▣ 345 Bar Pump System
- ▣ Subsea Pressure Gauges
- ▣ Pressure Safety Valve
- ▣ ROV Control Panel
- ▣ Hotstab and Receptacle
- ▣ Pressure Vent Valve
- ▣ DNV 2.7-1 Lifting Certified

Optional Addition Options:

- ▣ Subsea Data Logger
- ▣ Subsea Flowmeter
- ▣ Subsea Pressure Sensor
- ▣ Subsea Display

SPECIFICATIONS

SUBSEA PUMP UNIT

General Technical Specifications

Type	Subsea Pump Unit
Part Number	113989
Dimensions L x W x H	2414 mm x 1604 mm x 1374 mm(H=2910 incl.lifting bar)
Weight in air	~820 kg

Hydraulic

Max Input Pressure	207 Bar
Max Output Pressure	345 Bar
Max Input Flow	32 L/min
Max Output Flow	24 L/min

Fluid Tank Size	1100 Liter
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Connection ROV Pressure	JIC #6 (Ø43 3-Port Hotstab)
Connection ROV Return	JIC #6 (Ø43 3-Port Hotstab)
Connection ROV Drain	JIC #6 (Ø43 3-Port Hotstab)
Connection SPU Output Pressure	JIC #6
Connection SPU Inlet Return	JIC #6
Connection SPU Flush – Fill 1	3/8" Female Snap-tite Series H QC
Connection SPU Flush – Fill 2	3/8" Female Snap-tite Series H QC

Technical

Depth Rating	MSW 3000
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