



Modular IHPU

Isolated hydraulic power unit

A High capacity intermediate hydraulic power unit designed to give isolated hydraulic power with directional control. The IHPU consists of a hydraulic motor equipped with a flow control and pilot to open check, which drives a hydraulic pump. The high pressure output of the pump is feed into a manifold that is equipped with a 20 micron filter, off load dump valve, a pressure relief valve, and a directional control valve.

Applications

Hot stab operations
ROV tooling operations

Features

210bar / 3045psi output
Directional control on output
Integrated filter unit
Input flow can be set depending on output required
Can be supplied as part of skid tooling package with reservoirs
Input PO check valve
Input flow control valve
Output pressure relief valve 40-275bar / 580-3988psi
Hydraulically piloted NG10 directional control valve on output

In the box

Isolated hydraulic power unit
2.7 litre / 0.71gal compensator
Header tank
Operational hoses
Operations and maintenance manual



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Specifications

Hydraulic input pressure	140-210bar / 2030-3045psi
Hydraulic input flow	20-150lpm / 5.2-39.6gpm
Hydraulic output pressure	40-210bar / 580-3045psi
Hydraulic input flow	12-80lpm / 3.1-21.1gpm
Max output pressure with Intensifier	690bar / 10,000psi
Fluids	Hydraulic oil
Weight in air	61kg / 134.4lbs
Weight in water	47kg / 103.6lbs
Dimensions	430 x 390 x 330mm / 16.9 x 15.3 x 12.9in

