

Medium Pressure Intervention Skid

Pressurize / Depressurize small volume production piping



FEATURES

ROV operable at depths up to 10,000 fsw / 3,000 msw

Deployable from multi-service vessel of opportunity

Suitable for use with any work class ROV

Medium Pressure Intervention Skid

Pressurize / Depressurize small volume production piping

The medium pressure intervention skid is designed to be used to deinventory, depressurize, backfill, and/or pressurize small to medium-sized production piping, control lines and other subsea assets. The skid can depressurize a void to 50 psi / 3.4 bar absolute or up to 17,500 psi / 1 207 bar gauge, with flow rates up to 5 to 7 gpm using dual duplex pumps. The skid offers real-time monitoring and graphing capabilities of flow and pressure readings.

A third pump included in the design is configured to pull chemicals from a subsea supply, circulate them through the system, and pump them out of the discharge or suction line. The modular design of the skid enables it to be outfitted with a front porch to accommodate client- or operation-specific accessories (e.g., 16 gal or 60 gal bladders used for either discharge or chemical storage).

Technical Data

Dimensions (L x W x H)	97 in x 60 in x 24 in / 246.4 cm x 152.4 cm x 61 cm
Weight	2,200 lb / 998 kg (in air)
Weight in water	Neutrally Buoyant

Skid Performance Data

Hydraulic input pressure	3,000 psi / 207 bar
Hydraulic input flow	5–20 gal/min 68–91 L/min
Power requirements	110 V at 3A / 24 V at 6A
Communications	RS232 or RS485

Pump Performance Data (Pump 1 and 2)

Intensification ratio	4:1
Outlet pressure	12,500 psi / 861 bar
Outlet flow	5–7 gal/min 18.9–26.4 L/min

Pump Performance Data (Pump 3)

Intensification ratio	6:1
Outlet pressure	17,500 psi / 1,206 bar
Outlet flow	Up to 2 gal/min 7.5 L/min

