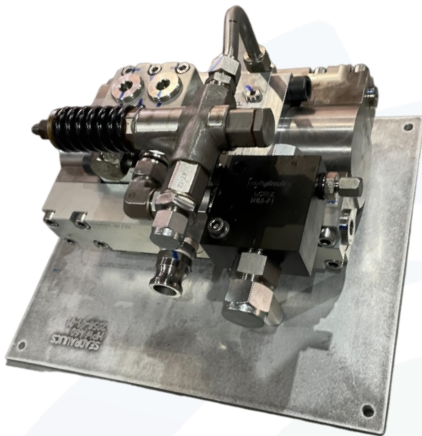




**Seadraulics**  
Subsea Fluid Mechanics

## WATER JETTER

## HPW 460



### FEATURES

- Hydraulic input max 210 bar, 120 lpm
- Output 0.5-460 bar, Flow 50 lpm
- Manifold with pilot operated valve
- Turbo nozzle, and cavitation as option
- Suction filter to protect pump
- Very small foot print
- Operational hoses supplied

### DESCRIPTION

Seadraulics 460 bar water jetter is a compact and integrated all-in-one unit based on the reliable and highly regarded Dynaset HPW series pump.

The patented HPW-pump utilizes the reciprocal motion of a hydraulic piston. Hydraulic supply from the ROV moves the piston assembly until one of the water plungers reach the end position; the incorporated reversal valve then changes direction of hydraulic flow so the piston assembly is set in the opposite direction. The motion causes a Vacuum to be developed at the pump intake line and a positive pressure is developed in the output line. Pumping fluid for the water jetter is taken directly from the surrounding seawater. However, if required, Seadraulics Pty Ltd can supply appropriate compensators and extra valve assemblies to allow the system to pump most types of alternative fluids, such as Transaqua, Glycol and other well control fluids.

On/Off Control of the hydraulic supply to the Dynaset pump, is via a Sun hydraulics cartridges sized for the maximum flow rating of the pump.

### TECHNICAL SPECIFICATIONS

Maximum input pressure:	3,000 psi / 210 bar
Maximum input flow:	31.7 gpm / 120 lpm
Maximum output pressure:	6,700 psi / 460 bar
Maximum output flow:	13.2 gpm / 50 lpm
Integral relief valve:	0.5 - 460 bar
Fluid compatibility:	Water, hydraulic oil, methanol, glycol
ROV handle choices:	T-Bar, Multi-D or Fish Tail
Dimensions:	330mm x 400mm x 200mm
Weight:	30 kg in air



Seadraulics Pty Ltd  
1/11 Anvil Way  
Welshpool WA 6106 AUSTRALIA

Phone: +61 427 080 404  
Email: [info@seadraulics.com](mailto:info@seadraulics.com)  
Web: [www.seadraulics.com](http://www.seadraulics.com)