

## Water Jetter

The HLK-31090 Water Jet assists in cleaning tasks needed on many sub-sea structures before intervention. Driven by a 3-phase motor, the pump can deliver 12 litres per minute at 150 bar through an orbital nozzle.

Deployment is by way of a nozzle attached to a manipulator, (control is via the HLK-HCU) or fixed on the ROV and directed by the ROV itself. Alternatively, a dedicated skid with tilt control can be utilised to mount the Water Jet system.



## Features

- Hard anodized motor body for corrosion resistance
- Utilises standard Hydro-Lek whip for commonality with Saab Seaeye vehicle platforms
- Water jetting performances of 12lpm @ 150bar

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## Technical Specifications

### General

Pump Type	Triplex Plunger
Motor Type	3 Phase AC Induction
Materials	6082 Aluminium, Bronze
Seal Materials	Nitrile/NBR/Buna-N, PTFE
Product Finish	Hard Anodised
Work Ports	Outlet = 3/8" BSPP (ISO 1179) Inlet = 1/2" BSPP (ISO 1179)
Compensation Ports	1/8" & 1/4" BSPP (ISO 1179)
Dimensions	(L) 482mm x (W) 220mm x (D) 190mm (19" x 8.7" x 7.5")
Weight in Air (kg)	34.2kg (75.4lb)
Weight in Water (kg)	26kg (57lb)
Electrical Connector Type & Pin	M2PL4M with 1.5mtr Whip

### Hydraulic Performance

Max. Output Pressure	150bar (2175psi)
Max. Flow	12lpm (3.17gpm)
Fluid Type	Fresh Water/Seawater

### Electrical Requirements

Supply Voltage	660Vac
Electrical Power	5.4kW
Current Draw	4.5amps
Frequency	50/60Hz

### Environmental

Operational Depth	6000msw (19,680ft)
Operating Temp (C)	5-60°C (41-140°F)
Storage Temp (C)	0-70°C (32-158°F)
Humidity (%)	0% to 100% Condensing