

# Subsea Tooling Services Intelligent Dredging System (IDS)



- Optional extra for *Gremlin, Predator & Titan* range of dredgers
- Ensures maximum hydraulic efficiency is supplied to dredger motor
- Built in depth compensator
- Easily mounted to any work class ROV
- Soft Start / Stop function built into topside software to avoid damage to hydraulic motors during start-up & stop
- Monitors input pressure & flow and indicates if these are insufficient for the type of dredger being used
- Gives user complete control of the pressure & flow being supplied to dredger
- 2 x pressure proportional NG#3 valves for operating auxiliary tooling (MKII Back flush etc )
- Water ingress alarm
- Hard anodised casing for corrosion prevention
- Clear plastic observation window shows valve pack LED status
- Monitors and displays hydraulic oil temperature
- User friendly GUI (Graphical User Interface)

### Operational Specification

Hydraulic Flow	0 – 150 Litres per minute
Optimal Hydraulic Pressure	0 – 250 Bar
Voltage	24V DC
Dimensions of Valve Pack L x W x H x W Kg	370mm x 320mm x 238mm x 25Kg
Depth Rating	3000 MSW
Communications Protocol	RS232 (Standard) RS484 (Optional)
Dimensions of Transit Case L x W x H	TBC
Electrical Connection	Burton 8 pin electrical connector 5507.1508.0004.PE8
Surface Control	Laptop Computer c/w RS232 – USB convertor + power supply

Subsea Tooling Services IDS valve pack is a revolution in modern dredging technologies.

Our IDS ensures our subsea dredgers are used to their maximum efficiency during operations and allows the user to have complete control of the dredging system independent from the ROV system.

