



## Subsea Tooling Services 4" MKI Piranha Dredger



- Can be mounted to any Work Class / Observation Class ROV safely and quickly
- Optimum dredging up to 80mm rocks
- Easily adapted to ROV or Diver use
- Direct Drive System (No oil filled bearing housing or depth compensator)
- Depth Range – As per WCROV
- Self-Standing Frame c/w ROV Mounting Frame
- Cam-Lock hose connectors
- All Stainless Steel Construction
- 4 Stage maintenance free pump
- Optional Backflush valve available

### Operational Specification

Hydraulic Flow	40* – 80 Litres per minute (* Minimum allowable flowrate)
Optimal Hydraulic Pressure	150 – 200 Bar
Gross Water Flow Through Ejector	5500 l/pm
Removal Capacity Sand m <sup>3</sup> /h (Tons per hour)	38m <sup>3</sup> /h ( Tons per hour)
Removal Capacity Rocks m <sup>3</sup> /h (Tons per hour)	58m <sup>3</sup> /h ( Tons per hour) Based on a rock size of up to 80mm
Unrestricted Diameter	100mm
Dimensions of Dredger L x W x H x W Kg (Exc exhaust)	1370mm x 154mm x 362mm x 48 Kg (Weight in Water = 32 Kg)
Dimensions of Transit Case L x W x H x W-Kg	1860mm x 560mm x 700mm x 172 Kg
Hydraulic Hoses Supplied	3 x ½" Certified Hose's 3000mm Long c/w 8 JIC Female Swivel Ends 6 JIC Case Drain

\* Removal capacity is theoretical, removal rates will vary depending on the type of seabed being dredged.

The STS 4" MKII Piranha is Subsea Tooling Services latest design in dredging technology.

A slim, lightweight system designed to fit directly to a WCROV or diver dredge deployment frame.

Utilizing our proven 4 stage pump driven from a 14 cc hydraulic motor, the STS 4" Piranha dredger is the lightest, most efficient 4" dredger on the market.

