

## Subsea Tooling Services 6" Piranha Dredger



- Can be mounted to any Work Class ROV safely & quickly
- Depth rated to 5000 MSW
- Slim line design to fit through tight A frames
- Lightweight design
- Remote flexi exhaust system optional
- Built in depth compensator
- 4 stage pressed stainless steel pump system
- Self-standing unit to avoid manual handling issues
- Quick pump coupling for fast re-configuration of the system

### Operational Specification

Hydraulic Flow	35* – 80 Litres per minute ( * Minimum )
Optimal Hydraulic Pressure	150 – 210 Bar
Gross Water Flow	7500 Litres per minute (Through Ejector)
Removal Capacity Sand m <sup>3</sup> /h ( Tons per hour)	50.7 m <sup>3</sup> /h (65 Tons per hour)
Removal Capacity Rocks m <sup>3</sup> /h ( Tons per hour)	34.3 m <sup>3</sup> /h ( 55 Tons per hour) ** Based on a rock size of 50 – 120mm rocks**
Unrestricted Diameter	150mm
Dimensions of Dredger L x W x H x W-Kg (Assembled)	2320mm x 280mm x 450mm x 50 Kg
Dimensions of Transit Case L x W x H	2450mm x 350mm x 500mm
Hydraulic Hoses Supplied	3 x Certified Hose's 3000mm Long c/w 8 JIC Female Swivel (6 JIC Case)

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

The STS Piranha range is Subsea Tooling Services latest design of high performance dredging equipment. A light weight slim lined dredger designed to fit directly to the side of any work class ROV.

The dredger system comes with 360 degree swivel heads which dramatically reduces wear on the ROV manipulator by eliminating all the rotation torque from the suction hose, making dredging much easier and more efficient.

