

# AquaTech Solutions

## 6" Piranha Dredger

**Information:** The Piranha is the 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 Piranha was designed for both diving and ROV dredging and jetting. The dredger system come with 360° 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.

**Manufacturer Name :** Subsea Tooling Services

**Equipment Name:** 6" Piranha Dredger



### Specifics of Equipment:

Hydraulic Flow:	35*-80 Litres per minute (*minimum)
Optimal Hydraulic Pressure:	150-210 Bar
Gross Water Flow:	7500 Litres per minute (through injector)
Removal Capacity Sand m <sup>3</sup> /h (tons per hour)	50.7 m <sup>3</sup> /h (65 tons per hour)
Removal Capacity Rock m <sup>3</sup> /h (tons per hour)	34.3 m <sup>3</sup> /h (55 tons per hour)
Unrestricted Diameter	150mm
Dimensions of Dredger	2320mm x 280mm x 450mm x 50kg (assembled)
Dimensions of Case	2450mm x 350mm x 500mm

Hydraulic Hoses Supplied 3 x Certified Hoses 3000mm long c/w 8 JIC Female Swivel (6 JIC Case)

Removal rates will very depending on the type of seabed being dredged

### Per the Manufacturer:

- 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

### Optional Accessories :



4 Point Deployment Frame

### Accompanying Accessories: