

Subsea Tooling Services 8" Electric Piranha Dredger



- Can be mounted to the standard STS dredge deployment frame
- Comes with electric umbilical deployment winch
- Can be electrically connected up subsea safely by diver / ROV
- Utilises 4 pin GIZMA type subsea electrical connector
- All stainless steel construction
- 8" cam-lock hose connectors on both suction & exhaust ends
- Can be converted to hydraulic mode in approx. 30 minutes
- Depth rated to 600m
- Small deck footprint Frame - 1470mm x 1675mm x 1400mm (to top of crash frame)
- Slipring - All stainless steel construction Rated to IP64 4 passes (3 phases + earth @ 60 Amps)
- Level wind – As standard
- 36.4mm Umbilical @ 300m length

Rated Voltage	3 x 440-460-480 V
Rated Power	26 Kw
Rated Current	56.5-54.0-53.0 A
Starting Current	530-580-630 %
Rated motor / pump speed	3450-3460-3480 rpm
Start Method	Direct Online
Service Factor	1.15
Mains Frequency	60 Hz
Removal Capacity Sand m ³ /h (Tons per hour)	82.2 m ³ /h (100 tons per hour)
Removal Capacity Rocks m ³ /h (Tons per hour)	55.2 m ³ /h (85 tons per hour)
Unrestricted Diameter	200mm
Dimensions of Dredger L x H + Weight in Kg	2743mm x 542mm x 250 Kg (750 Kg on frame)
Safety Features	Emergency remote E-Stop / Double Isolation
Electrical Umbilical	4 CORES (10.0 mm ² , CLASS 5 TINNED COPPER, CROSS LINKED POLYETHYLENE INSULATION)

The STS 8" E-Piranha is a brand new dredging concept that combines our highly efficient dredger ejectors with cutting edge electrical motor / pump technology.

The unit can also be configured very quickly into a hydraulic dredger with the swap out of the electrical motor for its hydraulic counterpart, thus saving valuable deck space and the need to hire a 2nd complete system.

