

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)
- Slip ring - All stainless steel construction Rated to IP64 4 passes (3 phases + earth @ 60 Amps)
- Level wind – As standard
- 36.4mm Umbilical @ 300m length

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| Rated Voltage (3 Phase AC Supply) | 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 / Soft Start |
| Service Factor | 1.15 |
| Mains Frequency | 50 Hz / 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.

