



MKI T4 ROV Predator 4" DREDGER

The STS Predator system is a completely new concept in performance dredging. Its unique features make it the most efficient dredger on the market saving both vessel and operational time.

The dredger can be easily mounted to the host ROV using its dedicated interface frame.

While optimum performance has always been a priority with this system, safety has also been a top priority. As such the Predator features certified lifting points and associated rigging and when placed on the deck the dredger sits upright on its integrated frame reducing the risk of manual handling injuries.

Optimum performance is achieved by utilising the latest fluid dynamic research.

The STS Predator can be assembled or disassembled subsea minimising ROV recovery time and increasing vessel productivity.



KEY FEATURES

- Can be mounted to any Work Class ROV safely & quickly
- Certified lifting points & rigging
- Can be assembled / disassembled subsea by work class ROV / Diver
- Certified ROV mounting frame for fast mobilisation & on deck turnaround (optional)
- Can be configured for dredging or jetting subsea without need for ROV recovery (x 2 WROV required)
- Depth rated to 5000 MSW
- Optimum dredging up to 90mm rocks
- Comes with clay jetting nozzle & agitator as standard
- Optional lengths of suction / discharge hoses that can be changed out subsea
- Easily adapted to ROV or Diver use
- Can be converted to jetting mode subsea

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Operational Specification:

Hydraulic Flow: 40 – 60 Litres per minute

Dimensions of Dredger

L x W x H: 1700mm x 450mm x 225mm

Optimal Hydraulic Pressure: 180 – 210 Bar

Dimensions of Transit Case

L x W x H: 1900mm x 750mm x 650mm

Gross Water Flow: 4000 Litres per minute
(Through Ejector)

Removal Capacity Sand (t/h)*: 30 metric
tons per hour

Hydraulic Hoses Supplied: 3 x Certified
Hose's 3000mm Long c/w JIC Female Swivel
Ends

Removal Capacity Rocks (t/h)*: 15 metric
tons per hour

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

Unrestricted Diameter: 100mm

All information contained in this brochure may be subject to change