

# Q1000 TROV

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**PHAROS**

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## GENERAL

Depth Rating Max	1,000m operationally rated
Length	5.5m Tracked 5.0m with Skids
Width	5.5m
Height	3.5m
Weight	In Air - 24t Tracks/ 22t Skids In Water - 1.5t Tracks/ Naturally buoyant on Skids
Total Power	1000hp (750kW) provided by 2 electric motors
Thrusters	10 x Curvetech HTE500

## UMBILICAL WINCH

SWL	25t
Operating Speed	40m/min (max)
Umbilical	1,600m fitted, 2,200m (max)
Umbilical Management	Snatch limiter

## CABLE DEPRESSOR

Bend Radius	3m MBR or project specific
Sensors	Proximity Sensors and Load Cells

## EDUCTOR

Removal Capacity	Each pump 370 cu.m/hr capable of removing 110 cu.m/hr of spoil at an assumed concentration of 30%
Twin Eductor Legs	Adjustable from 0-2m Blockage sensors Backlash function
Clearance between Legs	0.6m (max)

## SOIL TYPE

Sand	Fine to Coarse, loose to very dense
Clay	10-100 kPa (max) *depending on soil conditions

## JETTING SYSTEM

Jetting Power	2 x 350 kW hydraulically driven
Max Water Flow	1250 m <sup>3</sup> /hr
Max Pressure	15 bar
Twin Jetting Swords	3.0m (max)
Product Diameter	0.5m (max)
Swords Separation	0.55m (max)
Ground Clearance	0.6m
Seabed Slopes	15° Pitch, 10° Roll

## A FRAME

SWL	32t (up to sea state 6)
Type	Twin leg, Twin cylinder, Twin line Cursor deployment (20m depth)

## TECHNICAL EQUIPMENT

Cable & Pipeline Tracking	TSS 440 OR TSS 350 (Optional)
Altimeter	Tritech PA500 - or similar
Sonar	Tritech Super Seaking OA Sonar - or similar
Profiler	Dual Trittech Super Seaking DFP - or similar
Gyro	FOG
Depth Sensor	Digiquartz - or similar
Additional Sensors	MBES or Survey Grade Gyro (Optional)
Cameras	4 x Colour Camera 1 x Black and White Camera 1 x Inspection Colour Camera
Lamps	8 x Lamps



## Get In Touch

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