

Q1000 TROV

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PHAROS

OFFSHORE GROUP

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 ³ /hr
Max Pressure	15 bar
Twin Jetting Swords	3.0m (max)
Product Diameter	0.5m (max)
Separation between Swords	0.55m (max)
Ground Clearance	0.6m

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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