

**PHAROS**

OFFSHORE GROUP

**SPECIFICATION SHEET FOR**

**Q1000 JET TRENCHER**

[www.pharosoffshoregroup.com](http://www.pharosoffshoregroup.com)

GENERAL	
Depth Rating Max	1,000m operationally rated
Length	6,467mm
Width	5,443mm
Height	4,347mm
Total Power	In Air - 24t Tracks/ 22t Skids In Water - 1.5t Tracks/ Neutrally buoyant on Skids
Thrusters	1000hp (750kW) provided by 2 electric motors
	10 x Curvetech HTE500

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

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

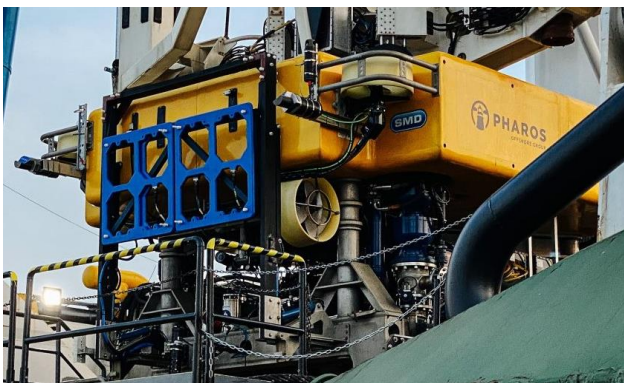
A-FRAME	
SWL	32t (up to sea state 6)
Type	Twin leg, Twin cylinder, Twin line Cursor deployment (20m depth)

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

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

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



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## Contact

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