



PHAROS

OFFSHORE GROUP

SPECIFICATION SHEET FOR
UTV1100 JET TRENCHER

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UTV1100 Specification Sheet

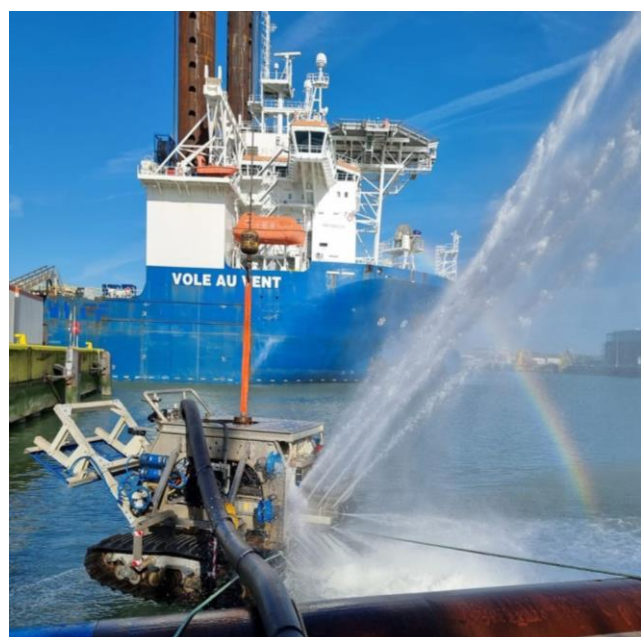
GENERAL	
Name	UTV1100 - Trenching ROV
Features	Road Transportable Crane Launch +1100hp of Jetting Power Shallow Water Operations Compact Deck Footprint
Thrusters	4x SPE-250 Electric Thrusters
Tracks	Speed: Up to 750m/h
GPS	Antenna Mast (75kg at 10m)

NAVIGATION SUITE	
Cameras	6 x Cameras
Lighting	8 x Dimmable
Pan and Tilt	1x P/T
Surveillance	2x Scanning Profilers
Cable Tracking System	Interface for TSS440 or TSS350

OPTIONAL EQUIPMENT	
TSS	Bathymetry System
Multi-Beam Echo Sonar (MBES)	Survey Gyro
NBI	Multiplexer

GENERAL TECHNICAL	
Hydraulic Oil	Environ MV R 32 readily biodegradable hydraulic oil
Pump Output	Up to 16 Bar or 900m ³ /h
Pump Supply	1100hp/820kW (2 x 550 hp) at 1800 RPM
Trenching Speed	50-300m/h (Subject to soil conditions) Maximum inclination angle 15°
Trenching Depth	1.0m, 2.0m, 3.0m Sword Options
Trench Width	Side nozzle configuration to suit product dimensions
Survey Performance	Up to 750 m/h
Hydraulic	11kW 10 station Manifold

MAIN CHARACTERISTICS	
Depth Rating (min.)	0m
Depth Rating (max.)	200m
Excursion Distance	300m (may be extended at reduced capability)
Dimensions	Length 3.02m Width 4.70m Height 2.55m
Power Requirements	3 off 440V/3P+E/60Hz/63A
Load/Weight Characteristics	In Air: 6,600kg
	In Water: 6,300kg (without floatation)
	In Water: 1,700kg (with floatation)
	Ground Bearing Capability: 7-25kPa



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