



**PT1.**

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# PT1.

## Jet Trencher

### TECHNICAL SPECIFICATIONS

Dimensions	5.6 m x 3.5 m x 3.4 m (LxWxH)
Weight in air	18 t
Vehicle power	1,550 kW (2,000 hp) 4 x 300 kW variable frequency driven strjet pumps up to 10 x 35 kW electric thrusters
Submerged weight	< 1te
Maximum operating depth	2,000 m
Sensors	Up to 7 cameras, obstacle avoidance sonar, cable trackers, profilers, gyro, depth sensors, altimeters Provisions to add additional survey equipment
Trenching depth	up to 2.5 m
Pump capacity	4 water pumps providing up to 3,000m <sup>3</sup> /h com- bined flow and up to 15 bar jetting pressure
Maximum product diameter	1,000 mm
Launch & Recovery system	Dedicated A-frame 20 t SWL Designed for sea state 5 Wind speed : 20 m/s
Maximum vertical thrust	2.400 kg
Maximum forward thrust	2.880 kg
Lateral thrust	1.680 kg

### KEY FEATURES

- Unique sword design optimises jetting power
- Proven technology
- Trench depths up to 2.5 m at current configuration

PT1 is a state-of-the-art, neutrally buoyant 1.5 MW jet trenching ROV, incorporating a variable jetting and educting system for enhanced burial.

The ROV has an extensive track record for the burial of pipelines, submarine cables and flexible products in multiple soils and extreme environmental conditions. The innovative GRP structure ensures a lightweight, low drag solution, which allows rapid deployment.

The ROV is suited to a range of markets including offshore Oil and Gas, Offshore Renewables and Power Transmission.

