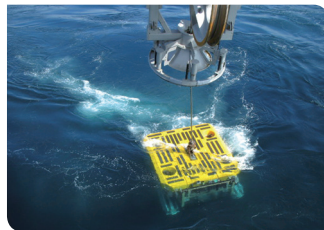


3.0m Trenching ROV System with 800HP

T800 ROV



T800 is manufactured by Perry Slingsby Systems Inc. in 2004, and is free swimming type ROV for cable & pipe installation and post lay burial.

Its working range is up to 2500m water depth, and maximum burial depth is 3.0m (subject to soil conditions) with 7 function control manipulators with 800HP, equipped with automatic cable tracking system, Dualtrack TSS 440/350.

3.0m Trenching ROV System with 800HP

T800 ROV

Depth Capability

- 2,500msw

Thrust Configuration

- 500mm diameter high performance horizontal thrusters in quad arrangement (variable displacement thrust control) (4)
- 500mm diameter high performance vertical thrusters (4)

Dimensions

W	4.18m
L	5.32m
H	2.98m

Vehicle Air Weight (in 200kg Payload)

Skid Configuration	19,000kg
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Propulsion System

- 225kW (300HP) Electro Hydraulic Power Unit (1)
- Horizontal Thrusters (4), Vertical Thrusters (4)

Hydraulic Manifold

- ROV, Thruster control manifolds (Proportional valves for pilot control of thruster motor) (2)
- Horizontal Thrusters (4), Vertical Thrusters (4)

Control System

- ROV Surface control (Pentium PC Based)
- ROV Sub-sea control (STD 32 based)
- Database driven software and real-time operating system

Maximum Speed (Free - Flying)

Forward	2.5knots
Lateral	2.2knots

Jetting System

- 187kW (250HP) electrically driven water pumps (2)
- 1m, 2m, 3m cable burial tools
- Integrated dredge eductor pipeline burial tools
- Hydraulically deployed cable depressor

Cable / Pipeline Burial Capabilities

- Cable / Pipe size range : 150 to 600mm diameter
- Burial Depth : 1.0m to 3.0m (depending on soil conditions)
- Cohesive soil : Up to 100kPa
- Non cohesive soil : Sand, Silt and Gravel to 30mm
- Burial speed : 350 to 1000m/hr (depending on soil condition and burial depth)

Additional Sensor and Tool Equipment

- Scanning Sonar
- Radio Beacon
- Strobe Flasher
- Cable Gripper
- TSS Dual System (Cable Location System)
- Manipulators (2)
- Winch System
- 58mm Triple - armour Umbilical Cable
- Navigation System
- 20ft Control Van
- 25ft Power Van
- 20ft Spare Storage / Workshop Van