

Type V Tether Management System

The Type V Tether Management System (TMS) has been developed to provide a compact and weight-efficient solution with high tether capacity. Although it is smaller and lighter than any other current production TMS there is no compromise in the strength of the frame, which remains capable of handling a 9000kg ROV package with 3g rating. It is suitable for all work-class ROVs.

The TMS stores and deploys the ROV tether cable so that the ROV motion is decoupled from motions of the main umbilical to the surface vessel. It allows the ROV to operate at a greater operating radius from the deployment point.

The docking box used on the underside of the TMS has a powerful two stage latching action that structurally locks the ROV to the TMS for deployment and recovery through the sea surface.

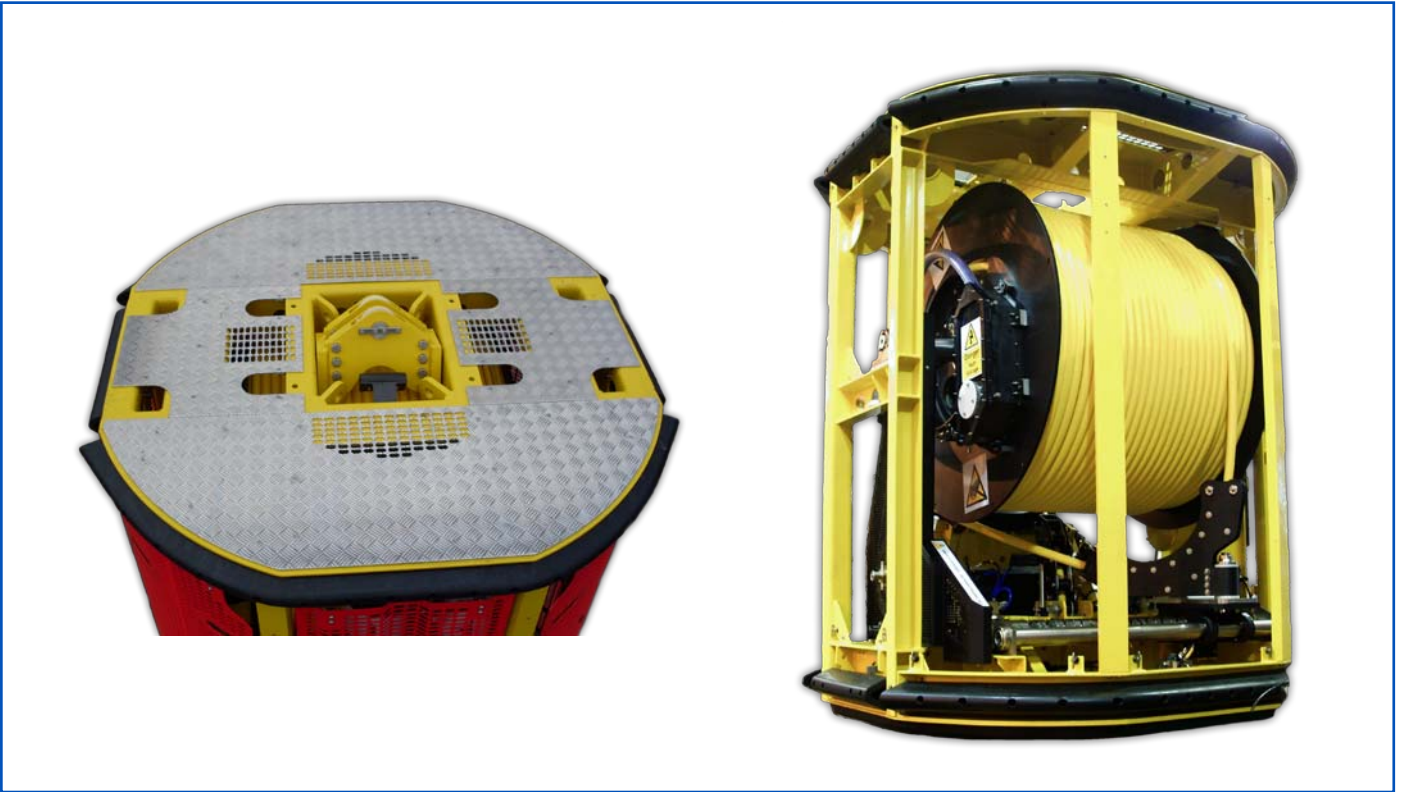
The top lifting cone can be a PSS standard design or customer specified bullet, to suit an existing A-Frame.

The Type V TMS has a gentle tether route which will maximize the operating life of any matched tether

Features

- 4000 m Depth rating
- Up to 40 m/min variable tether speed
- Net ROV weight 9000 kg
- Tether line pull 600 kgf
- Up to 1150 m tether @ dia 27mm
- Gentle tether handling
- Tether load sensing
- Auto-render overload protection





Specifications

Tether diameter:	25-39 mm
Capacity (dia 27 mm tether):	1150 m
Capacity (dia 35 mm tether):	660 m
Maximum line pull (inner layer):	450 kgf (adjustable)
Depth rating:	4000 m
Haul in speed (average):	40 m/min max
Weight in air (excluding tether):	2300 kg
Maximum load rating of umbilical connection:	12,500 kg (3 g rating-proof load 37,500 kg)
Maximum load rating of ROV docking box:	9000 kg (3g rating-proof load 27,000 kg)
Diameter:	2025 mm
Narrowest width:	1900 mm
Height:	2215 mm
Grooved drum shell:	Standard

Data Sheet: A001-350-082 issue 2

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.