The TMS stores and deploys the ROV package tether cable so that the ROV motion is decoupled from motions of the main umbilical to the surface vessel. It allows the ROV to work 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 Forum Standard design or custom specified bullet, to suit an existing A-Frame.

The Type 6a TMS has a gentle tether route which will maximize the operating life of any matched tether.

**Features**

- 4000m Depth Rating
- Variable tether speed
- Gross ROV weight 9000 kg
- Tether line pull 300 kgf
- Upto 1500m tether @ dia 27mm
- Gentle tether handling
- Tether load sensing
- Auto-Render overload protection
- Easy access docking latches
- Stainless Steel Frame
## TMS TYPE 6a TETHER MANAGEMENT SYSTEM

**Work class ROV TMS**

### Specification

- **Tether diameter:** 25-39mm
- **Capacity (dia 27mm tether):** 1500m (1028kg in air)
- **Capacity (dia 35mm tether):** 1029m (1132kg in air)
- **Maximum line pull (inner layer):** 300 kgf (adjustable)
- **Depth Rating:** 4000m
- **Haul in speed (average):** 37m/min
- **Pay out Speed:** 40 m/min
- **Weight in air (excluding tether):** 3120kg
- **Maximum load rating of umbilical connection:** 13500kg (3g rating proof load 40500kgf)
- **Maximum load rating of ROV docking box:** 9000kg (3g Rating proof load 27000kgf)
- **Diameter:** 2316mm
- **Narrowest Width:** 2260mm
- **Height:** 2345mm
- **Grooved drum shell:** standard

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Plan profile is dia 2316mm & 2260mm across flats

Shown with guards removed - but most regular maintenance can be performed with guards on

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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.