



TMS TYPE 6a TETHER MANAGEMENT SYSTEM

WORK CLASS ROV TMS

OVERVIEW

The Type 6a Tether Management System (TMS) has been specially developed to provide a long excursion, yet weight-efficient solution. It is 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 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

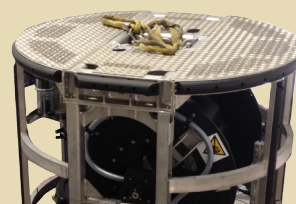
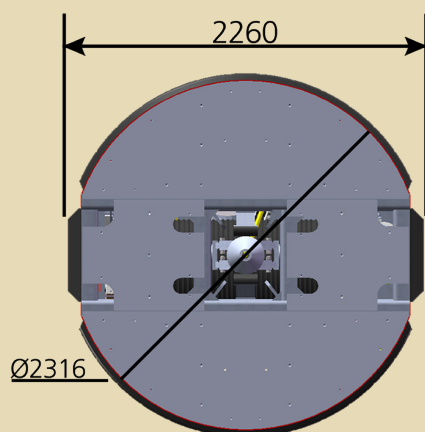
- 4000m Depth Rating
- Variable tether speed
- Gross ROV weight 9000 kg
- Tether line pull 300 kgf
- Upto 1500m tether @ dia 27mm
- Gentle tether handling
- Tether load sensing
- Auto- Render overload protection
- Easy access docking latches
- Stainless Steel Frame

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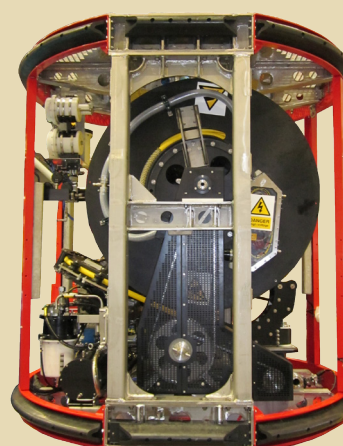
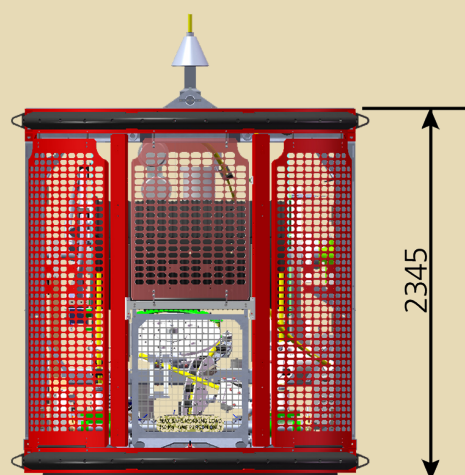
WORK CLASS ROV TMS

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



Plan profile is dia 2316mm & 2260mm across flats



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