



## TMS TYPE 5c TETHER MANAGEMENT SYSTEM

### WORK CLASS ROV TMS

#### OVERVIEW

The Type 5c Tether Management System (TMS) has been specially developed to provide an ultra-compact and 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 5c TMS has a gentle tether route which will maximize the operating life of any matched tether.

#### FEATURES

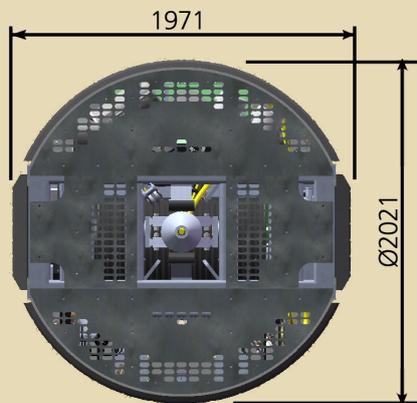
- 4000m Depth Rating
- Variable tether speed
- Gross ROV weight 9000 kg
- Tether line pull 330 kgf
- Up to 1150m Tether @ dia 27mm
- Gentle tether handling
- Tether load sensing
- Auto- Render overload protection
- Easy access docking latches
- Stainless Steel Frame

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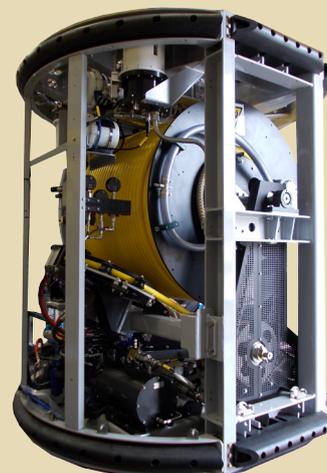
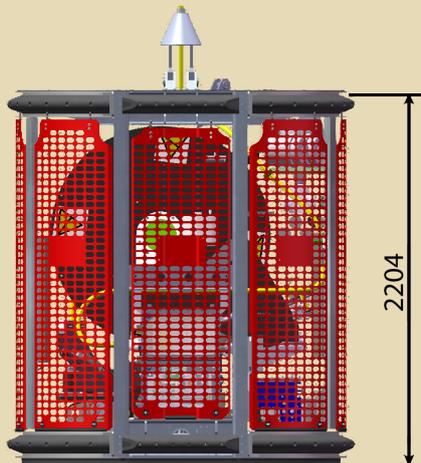
## WORK CLASS ROV TMS

### SPECIFICATION

|   |  |
|---|--|
| <b>Tether diameter:</b>                             | 25-39mm                                |
| <b>Capacity (dia 27mm tether):</b>                  | 1150m (980kg in Air)                   |
| <b>Capacity (dia 35mm tether):</b>                  | 750m (825kg in Air)                    |
| <b>Maximum line pull (inner layer):</b>             | 330kgf (adjustable)                    |
| <b>Depth Rating:</b>                                | 4000m                                  |
| <b>Haul in speed (average):</b>                     | 36 m/min                               |
| <b>Pay out Speed</b>                                | 40 m/min                               |
| <b>Weight in air (excluding tether):</b>            | 2589kg                                 |
| <b>Maximum load rating of umbilical connection:</b> | 12500kg (3g rating-proof load 37500kg) |
| <b>Maximum load rating of ROV docking box:</b>      | 9000kg (3g Rating proof load 27000kgf) |
| <b>Diameter:</b>                                    | 2021mm                                 |
| <b>Narrowest Width:</b>                             | 1971mm                                 |
| <b>Height:</b>                                      | 2204mm                                 |
| <b>Grooved drum shell:</b>                          | standard                               |



Plan profile is dia 2021mm & 1971mm across flats



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