

Tether Management System – TMS



The Tether Management System makes the ROV more manoeuvrable and increases its range without moving the vessel or rig

The purpose of the TMS is to lengthen and shorten the tether in order to minimize the effect of cable drag during underwater currents. The TMS is engaged to the ROV to make handling through the splash zone less hazardous during launch and recovery.

Our Tether Management System has been developed over a long time period in cooperation with our customers, and emerges as one of the most reliable and «easiest» Tether Management Systems on the market. The TMS design ensures a satisfactory winding which is friendly to the tether and helps extend its lifespan. The Tether Management System is easy to maintain.

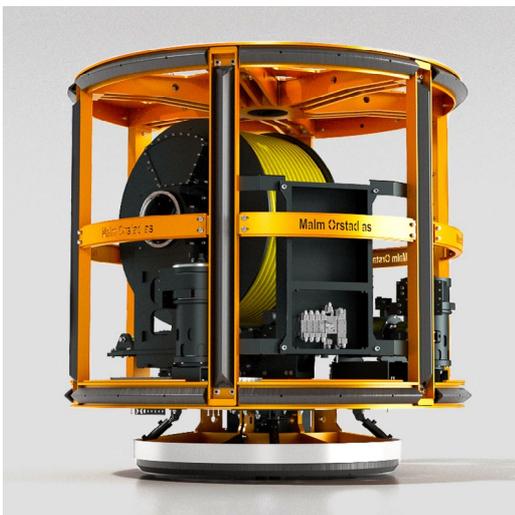
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Advantages

- Robust field proven design
- Minimum bending of cable which extends the lifetime of tether
- Easy maintenance
- Drum releasing clutch which prevent over-pull of tether
- Fail-safe latching system
- Flanged lifting point that can be fit to customer requirements
- Top side remote control of pull force and speed.
- Stabilizer base to stabilize ROV during launch and recovery

Technical Information

- Tether capacity: Ø35 tether - 400m
- Tether diameter range: 22 to 42mm
- Overall height: 2350mm
- Overall diameter: Ø 2275mm
- Electrical turn counter
- HPU: 15 kW, 3000 V
- Reservoir: 10 L
- Tether pull capacity: Regulated to 150kg
- Designed for slip ring: Focal Model 176 (adaptable for other types if required)
- Design load ROV: 10 tons with safety factor 2
- Hydraulically operated ROV stabilizing unit
- Latch system: Dual lock with fail-safe function



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