

Subsea Winch 5Te



The Subsea Winch 5Te is intended for offshore subsea pulling operations. It is designed to withstand rough operations in any offshore environment. With a full 360° rotating drum this winch allows for a 5Te line pull on a horizontal plane. The winch is operated locally and powered hydraulically from an external HPU, which is supplied by ROV via a quick-acting coupling live Hot Stab.

Not certified for lifting operations.

Specifications

Drive	Hydraulic motor
Motor version	Bent axial piston – fixed displacement
Gearbox ratio	7,25:1
Gearbox/gearing	Planetary gear
Female hot stab receptacle	Blue Logic 43mmØ Art: BA3990 Triple Hydraulic ½” BSP Connectors Pressure rating: 690 bar Ø43 TP Rec 10k Interv WCV BSP ½” ID7mm
Recommended oil	Any hydraulic oil
Motor oil flow = Q	59 l/Min

Drum length	520 mm
Drum core diameter	410 mm
Drum flange diameter	650 mm
Drum width	520 mm
Maximum drum speed	Speed will depend on the oil flow available from the ROV HPU
Recommended rope diameter Ø	16 mm
Recommended rope type	Dextron 12 Plus
Max rope pull	5 Te
Max rope length	140 M
Number of <dead end> rope turns remaining on drum at all times	Min. 3 turns
Rope termination	Drum side: spliced eye Load side: to customer's specifications
Maximum operating pressure	480 bar peak / 430bar constant
Depth rating (winch only)	Dependent on HPU/ROV
Dynamic test load (from bare drum)	1,25 x design load
Frame construction	Carbon steel – welded and bolted
Surface treatment	Norsok M501 System 1: RAL 1004 Golden Yellow
Weight in air	895 kg
Weight in seawater	716 kg
Overall dimensions	1372 L x 1080 W x 1032 H mm