

Hydrau**vision**



HydrauWinch 30 CT

Technical Specification

Max. line pull 1 st layer	: 325 kN @ 350 bar
Nom. line pull 1 st layer	: 300 kN @ 325 bar
Max. brake holding capacity	: 345 kN (1 st layer)
Max. speed 1 st layer	: 21 m/min. @ max line pull *)
Hydraulic supply	: 250 l/min. / 350 bar (for max. performance)
Max. wire diameter	: 40 mm (not included)
Nom. wire diameter	: 36 mm (not included) **)
Wire capacity (36 mm)	: 516 m (in 8 layers)
Drum Diameter	: 508 mm (ungrooved)
Flange Diameter	: 1000 mm
Drum length	: 995 mm
Overall length	: 2547 mm
Overall width	: 1680 mm
Overall height	: 1717 mm
Total weight excl. wire	: 4400 kg
Connections:	
Pressure (P)	: Quick connector Nipple VOF 114 1-1/4" BSP N 811200004
Return oil (T)	: Quick connector Coupler VOF 114 1-1/4" BSP C 811200005
Drain (D)	: Quick connector Coupler VOF 100 1" BSP C 811200000
Power supply nominal	: 230 VAC 50Hz or, : 24 VDC (e.g. from HPU alternator)
Power receptacle	: IEC 60309; 16 A 3P (230 VAC) : Harting Han; A Base Panel 1 (24 VDC)
Detailed specifications	: on request
*) Maximum speed depends on hydraulic oil supply.	
**) Other diameters on request.	

Benefits

Multipurpose winch for tugger, CT and hoisting. Fuel saver. Local or remote operation.
CT performance and accuracy on request.
Offshore certified lifting points acc. DNV 2.7-3

Scope of Supply

- Included:
- User manual.
 - Remote control
 - Lifting slings
- Excluded:
- Wire
 - Hydraulic hoses
 - Power supply cable
 - Transport and installation
 - Hydraulic Power Unit

All above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. HydrauVision reserves the right to change specification without prior notice.

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30 mTon tugger winch also equipped with a Constant Tension (CT) mode. The CT mode is improved to have an excellence performance in a wave motion. This to generate less heat, store energy and save fuel. The winch can be used for hoisting up to 4,5 mTon in lifting mode. The HydrauWinch 30 CT be both locally and remotely operated.

- Local operation:
 - joystick for winch control
 - constant tension control
 - load indication
 - wire length indication
- Remote operation:
 - joystick for winch control
 - constant tension control
 - load indication
 - wire length indication

The HydrauWinch 30 CT is provided with rotational pulse pickup in order to obtain wire length measurement. The wire length is displayed on the operator panels. Wire length zeroing function is provided. Control functions for CT operation are integrated in the operators panels, Bumpless shifting between CT and normal operation is provided. The actual load is measured by 4 load pins on the base frame to assure accurate measurement. A fail safe disc brake ensures safe operation and holds the load when the winch is disabled. The winch has offshore certified lifting points acc. DNV 2.7-3

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