

Hydrau**vision**



HydrauWinch U6PF Umbilical winch

Technical Specification

Max. line pull 1 st layer	: 5 mton
Max. brake holding capacity	: 8,5 mton (1 st layer)
Max. speed 1 st layer	: 25 m/min @ 60 l/min *)
Hydraulic supply	: 60 l/min / 250 bar max
Max. pressure umbilical	: 350 bar, including rotary coupling
Connections umbilical	: 6 x with 1" 25S connection

Drum storage:	
Drum length	: 1800 mm
Drum diameter	: 2300 mm
Drum shields diameter	: 3300 mm
Drum cap. 120 mm umbilical	: 645 m (5 layers)
Drum cap. 180 mm umbilical	: 250 m (3 layers)

Overall length	: 4270 mm
Overall width	: 3080 mm
Overall height	: 3900 mm
Total weight excl. umbilical	: 10.000 kg
Max. allowed total weight	: 16.000 kg

Fluid connections:	
- Motor connections A, C	: 20S (2 x)
- Flush motor D1	: 16S (15 l/min)
- Drain system D2	: 25S
- Boost BST	: 16S (5 l/min)

*) Maximum speed depends on hydraulic oil supply

Benefits

Umbilical winch for maximum 6 hydraulic high pressure umbilical connections for operating under pressure.
Offshore certified lifting frame acc. DNV 2.7-3 and EN 12079-1.
High capacity storage drum with high pressure rotary coupling.
Road transport still possible with standard low loaders. Only 4 shackles with sling shall be disconnected during transport.

Scope of Supply

Included:

- Valve box for hydraulic motor including operation brake
- Offshore certified lifting frame acc. DNV 2.7-3
- Lifting points (4) including rigging and integrated forklift pockets in frame
- User manual

Excluded:

- Hydraulic hoses, quick couplings, etc.
- Directional valve
- Umbilical(s)
- Power supply
- Transport and installation.

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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Umbilical winch for maximum 6 hydraulic high pressure umbilical connections of 1" for subsea operations. High storage reel for umbilical with diameter of maximum 180 mm. Maximum working pressure swivel is 350 bar.

For driving the winch an additional HydrauPack 45 can be used for the supply of hydraulic oil. Operating the reel can be done in combination with a dedicated stand-alone proportional valve.

Optional: To supply the umbilical with hydraulic fluid for operating an under water tool a HydrauPack 250, 500 or a HydrauPack 750 can be rented.

DNV 2.7-3 certified frame with integrating lifting lugs, incl. rigging and forklift-trays ensures easy handling.

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