

Hyd. winch 7 T

FOR USE IN HAZARDOUS AREA ZONE 1



Hydraulic winch engineered for demanding offshore operations. Proven, downtime-free design with dual safety systems securing maximum uptime. Delivers precise performance in both low- and high-speed modes, supporting constant tension and Active Heave Control. Manufactured in accordance with Machinery Directive and NORSOK R-002.

Features

- Adjustable SWL. Max 7tonn @ mid layer.
- 3 Operational modes; Linear mode, CT mode & Active heave.
- Certified for Machinery Directive and Norsok R-002.
- Spooling device to ensure correct spooling.
- Suitable for high speed operations

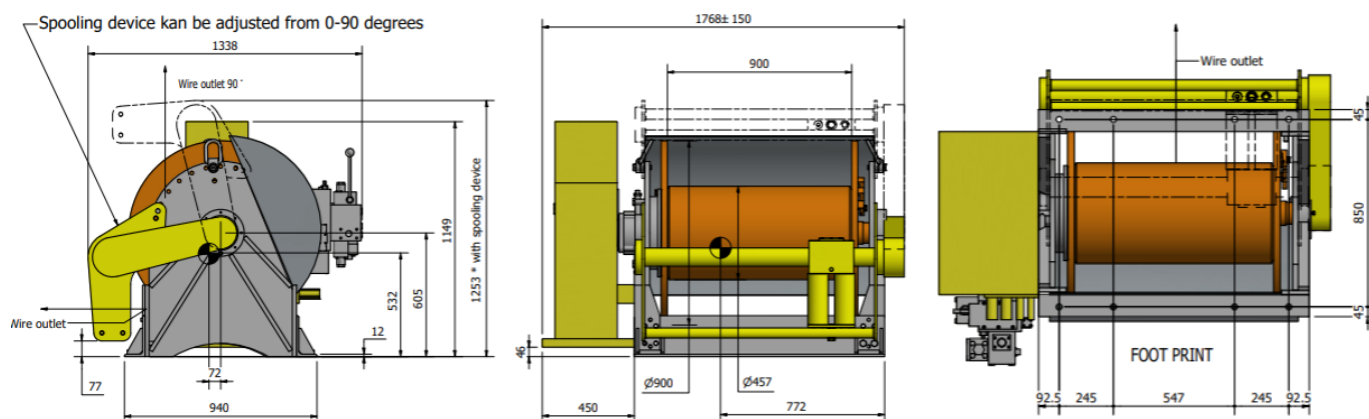
Technical specifications

- Hydraulic systems:
Quick mount and drip secure hydraulic connectors mountes in front of unit (SnapTite 71 series)
- Area class: For use in hazardous area zone 1 (offshore) *1

Certification

- Lifting Gear: Certified lifting gear included for secure lifting.
- Documentation: NORSOK Z-015 package

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Hydraulic winch 7 Ton

GENERAL

Owner	KOLOS Lifting & Inspection AS
Type and model	Hydraulic winch HV7-900-1
Ambient conditions	Temperature: -20 to + 30 °C // Inertia: +/- 0.1 g horizontal, any direction, +/- 0.2 g vertical
Hazardous area	Zone 1 *1

CODES / APPROVALS

CE marked	Yes (98/37/EC – EN 14492-1)
ATEX	Yes (ATEX directive 94/9/EC).
Lifting DNV 2.7-1	DNV 2.7-1
NORSOK	Z-015 (U99, normally unmanned)
EX class	
(completion)	Ex 2G/D c IIB T4 *1

HYDRAULIC

Pressure	350bar
Flow	450 l/min
Oil type and filter	Mineral oil, viscosity grade 32
Connections	SnapTite 71 series (drip-free connections)

MECHANICAL

Size L x W x H (mm)	1920 x 1340 x 1250
Weight net (kg)	1650 kg
Wire rope (OD Ø)	16-30
Design capacity	5 T SWL full drum 7 T SWL half drum
Brake	Hydraulic integrated Failsafe, spring appld.
Brake capacity	TBA
Wire capacity	810m with Ø20mm
Number of layers	9
Hoisting speed	0-170 m/min top layr
Constant tension	20% to 100% SWL
Spooling device	Automatic and Adjustable 0-90 deg.

Additional

1* Atex condition	It is only valid with Kolos HPU's.
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