

MHWirth's guideline winches (GLW) provide safe and reliable guiding operations on floating rigs and vessels in heavy-duty conditions. Additionally, they are an efficient solution for subsea and platform lifting purposes in challenging working environments.

Our guideline winches are most commonly used in the moonpool for guiding and lifting operations. Based on MHWirth's extensive knowledge of drilling operations in harsh offshore environments, our experienced specialists provide comprehensive advice on selecting the correct equipment according to your guideline tensioners' needs, your rig layout and drilling requirements.

Our guideline winches fully comply with rules and regulations for lifting equipment.

An optional hour log in the winch allows the user to track real use of the equipment and prepares it for condition based maintenance, instead of calendar based maintenance. This will help you to optimize cost and improve your rig's efficiency.

Key Design Features for Safety and Reliability:

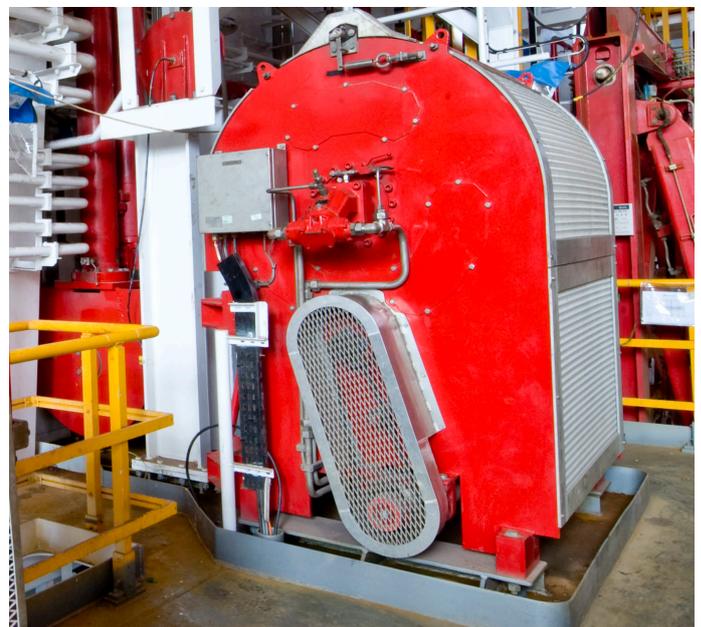
- Active spooling
- Fail to safe oil submerged brake system
- Emergency lowering
- Upper limit stop
- Emergency stop
- Overload protection
- Load indicator

Available Options:

- Radio or hydraulic remote control
- Wire rope length
- Wire rope sheaves
- Hour log for maintenance planning
- Certification (DNV, ABS, NORSOK R-002, CE Compliance, EC Declaration of Conformity)

Benefits

- Full control of the whole winch system from one or several flexible remote-controlled panels/stands
- Hour log for maintenance planning (radio remote-controlled option)
- Customer-oriented design and detachable light covers ensure easy maintenance
- Cost-efficient combined guideline and utility winch



Guideline Winches

Technical Specifications

		GLW 7.5	GLW 10	GLW 16
Control		Hydraulic/radio remote		Hydraulic/radio remote/local
Safe working load on outer layer		8.3 short tons (7.5 mT)	11.0 short tons (10.0 mT)	12.1 short tons (11.0 mT)
Safe working load on first layer		11.8 short tons (10.7 mT)	15.4 short tons (14.0 mT)	17.6 short tons (16.0 mT)
Hoisting speed (at first/outer layer)		104.9 - 150.9 fpm (32 - 46 m/min)	78.7 - 104.9 fpm (24 - 32 m/min)	85.3 - 124.7 fpm (26 - 38 m/min)
Required flow rate		63.4 gpm (240 L/min)	66.0 gpm (250 L/min)	84.5 gpm (320 L/min)
Required pressure supply		3 000 psi (207 bar)		
Number of working layers		9		
Working drum capacity		2 132 ft (650 m)	4 068 ft (1 240 m)	4 839 ft (1 475 m)
Wire rope diameter		0.75 in (19 mm)	1.02 in (26 mm)	1.18 in (30 mm)
Design temperature		-4 to 113 °F (-20 to +45 °C)		
Hazardous area classification (according to IEC 60079-10-1 and API RP 505)		Zone 1		
Winch weight (without wire rope)		10 253 lb (4 650 kg)	12 127 lb (5 500 kg)	18 298 lb (8 300 kg)
Dimensions	Height	90.0 in (2 287 mm)	92.4 in (2 338 mm)	103.6 in (2 633 mm)
	Length	65.9 in (1 676 mm)	65.7 in (1 669 mm)	89.9 in (2 284 mm)
	Width	80.5 in (2 046 mm)	98.7 in (2 432 mm)	103.2 in (2 623 mm)

Data is subject to confirmation by the manufacturer.