Utility Winch

UTW MK3 Series

MHWirth's utility winch (UTW) MK3 series provides safe and reliable lifting operations for a large variety of drilling applications both offshore and onshore. The compact winch is a flexible solution for heavy duty conditions.

Our utility winch is most commonly used on drillfloor and in the moonpool. With its compact design and a short distance from the winch to the first sheave, it can be applied in a broad range of rig types and layouts, such as drill ships, semi-submersible platforms as well as fixed platforms and land rigs.

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. Together with the low energy consumption of our winch, this will help you to optimize cost and improve your rig's efficiency.

Our MK3 series complies with rules and regulations for lifting equipment.

Key Design Features for Safety and Reliability:

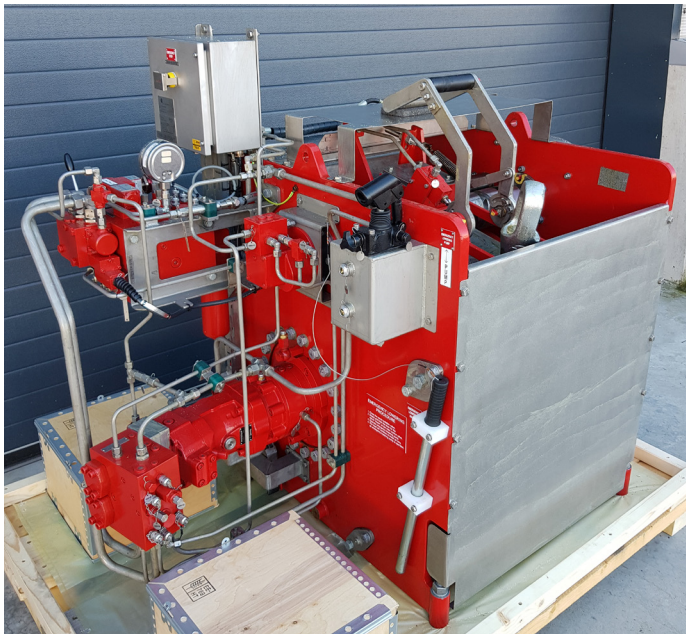
- Active spooling
- Fail-safe oil submerged brake system
- Emergency lowering
- Upper and lower limit stops
- Emergency stop
- Overload protection
- Load indicator

Available Options:

- Radio or hydraulic remote control
- Wire rope length
- Hook and chain assembly
- Wire sheaves
- Counterweight on hook
- Turntable to rotate the orientation of the wire direction
- Hour log for maintenance planning
- Certification (DNV, ABS, NORSOK R-002, CE Compliance, EC Declaration of Conformity)

Benefits

- Allows installation of the winch in a location with low headroom (4 m from the winch foundation)
- Flexible control of several winches from the same portable remote control panel (radio remote control option)
- Hour log for maintenance planning (radio remote control option)
- Easy maintenance
- Low energy consumption



Technical Specifications

		UTW5	UTW10	UTW15
Control		Hydraulic/radio remote		
Safe working load on outer layer		5.5 short tons (5 m.tons)	11.0 short tons (10 m.tons)	16.5 short tons (15 m.tons)
Hoisting/lowering speed (at first/outer layer)		88.6 - 98.4 fpm (27 - 30 m/min)	45.9 – 59 fpm (14 – 18 m/min)	55.7 – 65.6 fpm (17 - 20 m/min)
Hoisting/lowering speed without load			124.6 - 147.6 fpm (38 - 45 m/min)	
Minimum distance to the first sheave from winch foundation		13.1 ft (4 m)		4.85 ft (5m)
Winch weight (without wire rope)		2 315 lb (1 050 kg)	3 748 lb (1 700 kg)	5401 lb (2 450 kg)
Dimensions	Height Length Width	48.7 in (1 235 mm) 36.9 in (936 mm) 55.9 in (1 421 mm)	45.1 in (1 145 mm) 41.9 in (1 064 mm) 58.5 in (1 485 mm)	64.0 in (1 625 mm) 52.0 in (1 320 mm) 66.5 in (1 688 mm)
Required flow rate		31.6 gpm (120 L/min)		63.4 gpm (240 L/min)
Required pressure supply		3 000 psi (207 bar)		
Number of layers		3		
Maximum wire rope drum capacity		492 ft (150 m)		
Wire rope diameter		0.70 in (17 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		

Data is subject to confirmation by the manufacturer.