

POWERED WINCHES

Manriding Winches MR FL

Features

- Helical shaft mounted gearbox, life lubricated with synthetic oil
- UK HSE compliance
- Caliper primary brake 180% of W.L.L.
- Automatic band brake as secondary drum acting brake 180% of W.L.L.
- Gear air motor.
- Orbit or vane hydraulic motor
- Helical grooved steel drum
- Full material trace-ability (3.1 b - EN 10204) on load bearing parts
- Two drum supports
- Limit switch
- Slack wire switch
- Overload protection device
- Pendant proportional remote control with biased control valve (Except MR30 FLH)
- Drum guard
- Nylon drum pressure roller
- Offshore coating
- Skidded frame
- Mufflers (Except MR30 FLH).
- Prepared for emergency lowering system
- Main air emergency stop valve
- Operating conditions -20°C through 50°C
- Mains emergency stop

MANRIDING WINCHES

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MANRIDING WINCHES MR FL

Designed to the standards issued by the classification societies and meets UK HSE regulations for personnel lifting operations on offshore installations.

The winches are dedicated personnel lifting winches offered with Lloyds Register of Shipping (LRS) Design Appraisal Certificate and full material traceability.

They have passed the EC testing for these applications, i.e., both the winches and their technical files are in compliance with the requirements of the EC Machinery Directives. The MR 30 FL has been specially designed for personnel lifting applications in which a safety harness or a bosun's chair is used on fixed installations with a total W.L.L. of 150 kgs.



MR30 FLG

OPTIONS

- Electric versions
- Alternative speeds
- Alternative drum dimensions
- Certifying authority witness test
- Operating conditions -45°C through 50°C
- Air service unit
- Pre equipped emergency lowering device including nitrogen air receiver (Except MR30 FLH)

Available control options

Electric/hydraulic or pneumatic control systems

Winch type	W.L.L. 1st Layer kg	W.L.L. Top Layer kg	Recomm. Rope Diam mm.	Speed Top Layer m/min	Drum cap. Top Layer m	Pressure Drop (bar)	Flow in l/sec	Flow in l/min
MR30FLG	200	150(5)	10	37	165	6	50	
MR50FLG	635	500(4)	13	16	135	7	65	
MR60FLG	1270	1000(4)	13	30	135	6.5	120	
MR30FLH	200	150(5)	10	43	150	70		25

* pressure roller and slack wire switch are optional items for the MR 50 FLG and MR 60 FLG
* spindle limit switch and slack wire switch on MR 30 FLH are electric (intrinsic safe)

