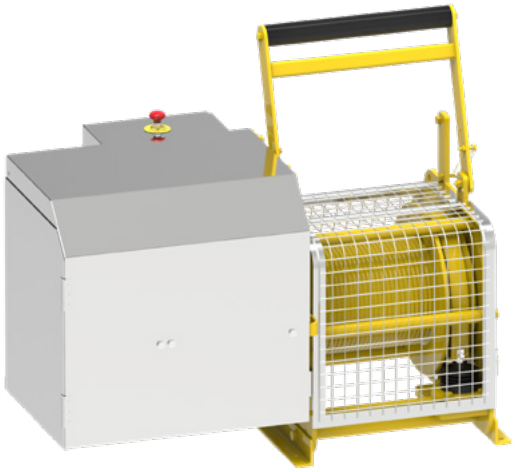
MR FL SERIES
MAN-RIDING WINCH

RED ROOSTER LIFTING
RAISING EXPECTATIONS

The MR FL series is a range of dedicated personnel lifting winches supplied with full material traceability.



MR30FLG



STANDARD FEATURES

- Helical shaft mounted gearbox, life lubricated with synthetic oil
- UK HSE compliance
- Caliper primary brake 180% of WLL
- Automatic band brake as secondary drum acting brake 180% of WLL
- Pneumatic gearmotor
- Orbit hydraulic motor
- Helical grooved steel drum
- Full material traceability (3.1 - EN 10204) on load-bearing parts
- Two drum supports
- Limit switch
- Slack wire switch
- Overload protection device
- Local proportional control with biased control valve (pneumatic models only)
- Local proportional control with biased control valve (MR 30 FLP/FLV only)
- Drum guard
- Mufflers (on MR 30, 50 and 60 FLG)
- Prepared for emergency lowering system
- Air service unit (pneumatic models only)
- Main air emergency stop valve
- Operating conditions –20°C to 50°C
- Three layer 2-component conservation according ISO 12944 category C4-High, colour RAL 1023
- FEM / ISO class: T4-L3-M5

AVAILABLE OPTIONS

- Electric versions
- Alternative speeds
- Alternative drum dimensions
- Operating conditions -45°C to 50°C
- Air service unit
- Pre-equipped emergency lowering device including nitrogen air receiver (MR 30 FLG only)
- Design appraisal certificate from LRS, ABS or LRS including certifying authority witness test

AVAILABLE CONTROL OPTIONS

- Electric/hydraulic or pneumatic control systems
- Pneumatic pendant remote control on portable pedestal
- Pneumatic pendant remote control with shoulder harness

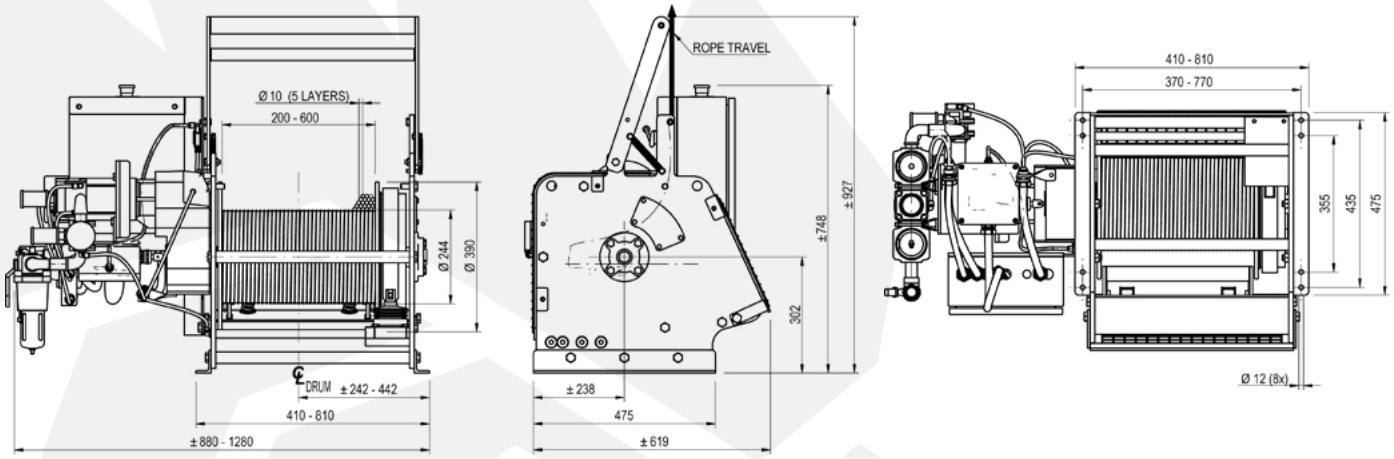
EMCÉ WINCHES

MR FL SERIES
MAN-RIDING WINCH

RED ROOSTER LIFTING
RAISING EXPECTATIONS

TECHNICAL INFORMATION

All measurements are in mm
Information subject to change without notice



MODEL	WLL 1ST LAYER KG	WLL TOP LAYER KG	RECOMMENDED ROPE DIA MM	SPEED TOP LAYER M/MIN	DRUMPCAP TOP LAYER M	PRESSURE DROP IN 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

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

EMCÉ WINCHES