

# H SERIES HYDRAULIC WORMGEAR WINCH

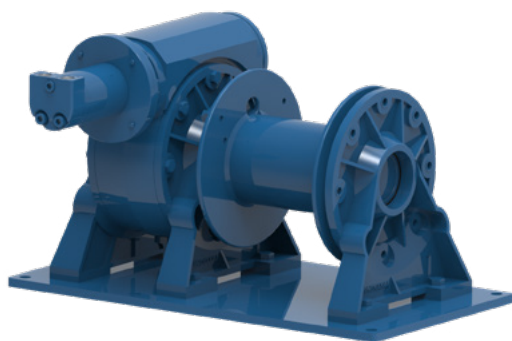


**RED ROOSTER  
LIFTING**

RAISING EXPECTATIONS

The H series is a range of hydraulic self-braking wormgear winches developed for heavy duty lifting and pulling applications. This is just part of the full range of EMCÉ winches available from Red Rooster Lifting.

**H700**



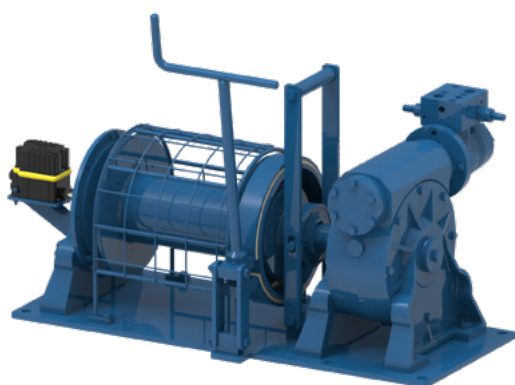
## STANDARD FEATURES

- Wormgear transmission
- Orbitmotor
- Steel drum (not grooved) with cable fixing point at flange
- Single drum support (H 500)
- Two drum supports (all other models)
- Double layer 2-component conservation according
- ISO 12944 category C2-Low, colour RAL 5010
- Brake and double acting brake valve (not on H 500 and H 700)
- FEM / ISO class T3-L2-M3

## AVAILABLE OPTIONS

- Manual disengaging clutch
- Band brakes, manual or automatic fail safe
- Grooved drum
- Drum pressure roller
- Alternative speeds
- Alternative drum dimensions / split drums / additional rope anchors / etc.
- Drum guards
- Emergency cranking
- Marine / offshore coating systems

**H1200**



## AVAILABLE CONTROL OPTIONS

- Proportional control valves
- Hydraulic power packs

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**EMCÉ**  
WINCHES

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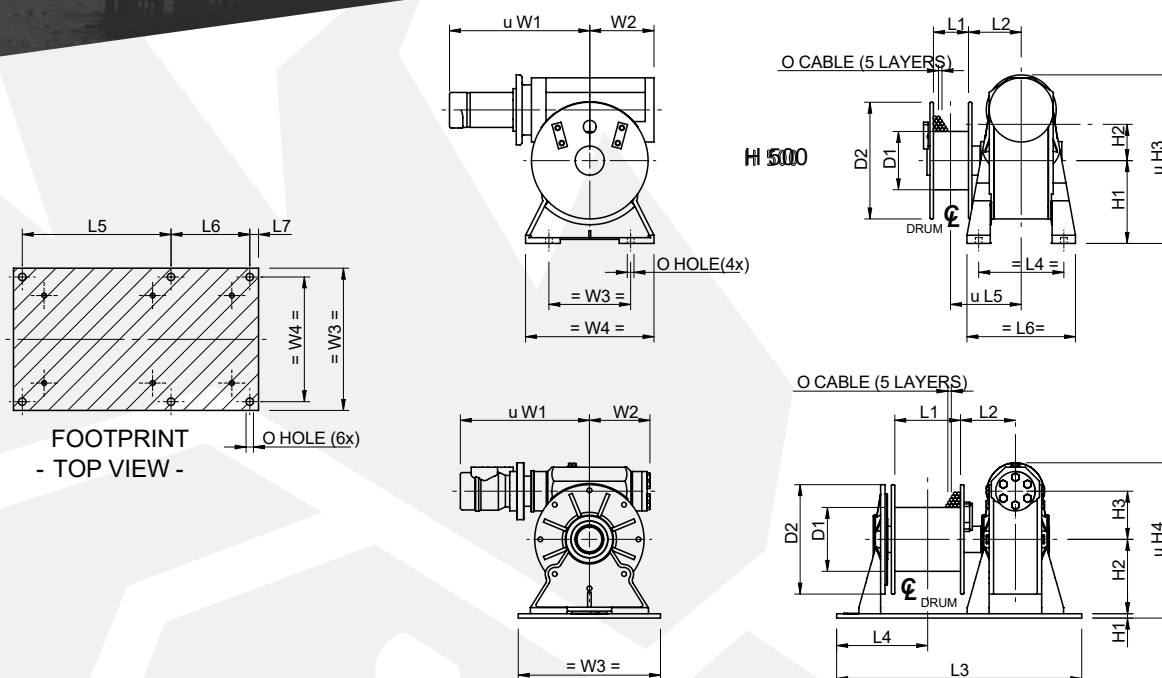
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LIFTING**

RAISING EXPECTATIONS

## TECHNICAL INFORMATION

All measurements are in mm  
Information subject to change without notice



| MODEL  | MASS<br>KG | D1  | D2  | L1  | L2    | L3  | L4  | L5  | L6  | L7 | H1  | H2  | H3  | H4  | W1  | W2  | W3  | W4  | HOLE<br>Ø |
|--------|------------|-----|-----|-----|-------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----------|
| H 500  | 35         | 100 | 200 | 60  | 91    | -   | 146 | 121 | 186 | -  | 142 | 87  | 289 | -   | 253 | 110 | 140 | 220 | 11.5      |
| H 700  | 50         | 100 | 200 | 150 | 104   | 500 | 187 | 320 | 150 | 15 | 10  | 142 | 87  | 309 | 253 | 110 | 270 | 240 | 13        |
| H 1200 | 82         | 121 | 250 | 150 | 125.5 | 560 | 203 | 340 | 180 | 20 | 10  | 170 | 110 | 354 | 400 | 140 | 325 | 285 | 17        |
| H 2000 | 134        | 159 | 280 | 200 | 146.5 | 640 | 232 | 415 | 185 | 20 | 15  | 195 | 130 | 440 | 456 | 154 | 370 | 320 | 17        |
| H 2500 | 170        | 178 | 320 | 250 | 155   | 710 | 280 | 470 | 200 | 20 | 15  | 220 | 150 | 510 | 467 | 180 | 410 | 360 | 17        |
| H 3150 | 225        | 210 | 370 | 300 | 180   | 850 | 318 | 565 | 235 | 25 | 15  | 254 | 182 | 572 | 498 | 207 | 440 | 380 | 20        |

| MODEL  | WLL<br>1ST LAYER<br>KG | WLL<br>3RD LAYER<br>KG | RECOMMENDED<br>ROPE DIA<br>MM | SPEED<br>1ST LAYER<br>M/MIN | DRUMCAP<br>1ST LAYER<br>M | DRUMCAP<br>3RD LAYER<br>M | PRESSURE<br>DROP IN<br>BAR | FLOW IN<br>L/MIN |
|--------|------------------------|------------------------|-------------------------------|-----------------------------|---------------------------|---------------------------|----------------------------|------------------|
| H 500  | 500                    | 400                    | 6                             | 6.5                         | 2                         | 10                        | 50                         | 20               |
| H 700  | 700                    | 540                    | 8                             | 6.5                         | 5                         | 20                        | 60                         | 20               |
| H 1200 | 1200                   | 940                    | 9                             | 9                           | 5                         | 21                        | 95                         | 50               |
| H 2000 | 2000                   | 1560                   | 12                            | 10                          | 8                         | 28                        | 105                        | 60               |
| H 2500 | 2500                   | 1965                   | 13                            | 11                          | 9                         | 36                        | 130                        | 60               |
| H 3150 | 3150                   | 2455                   | 16                            | 8                           | 11                        | 41                        | 140                        | 60               |