

A range of hydraulic self-braking wormgear winches developed for heavy duty lifting and pulling applications up to 3,150 kg. Due to the modular concept and the flexibility of our production it is possible to build, with short delivery times, many variations of these winches such that they may be adapted to your specific needs. The types H 500 and H 700 are constructed without a brake and are designed to be totally self-braking. The types H 1200 to H 3150 are designed with a fail-safe brake and brake valve.

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

- Drum guard
- Emergency cranking
- Marine / offshore coating systems

Available control options:

- Proportional control valves
- Hydraulic power packs

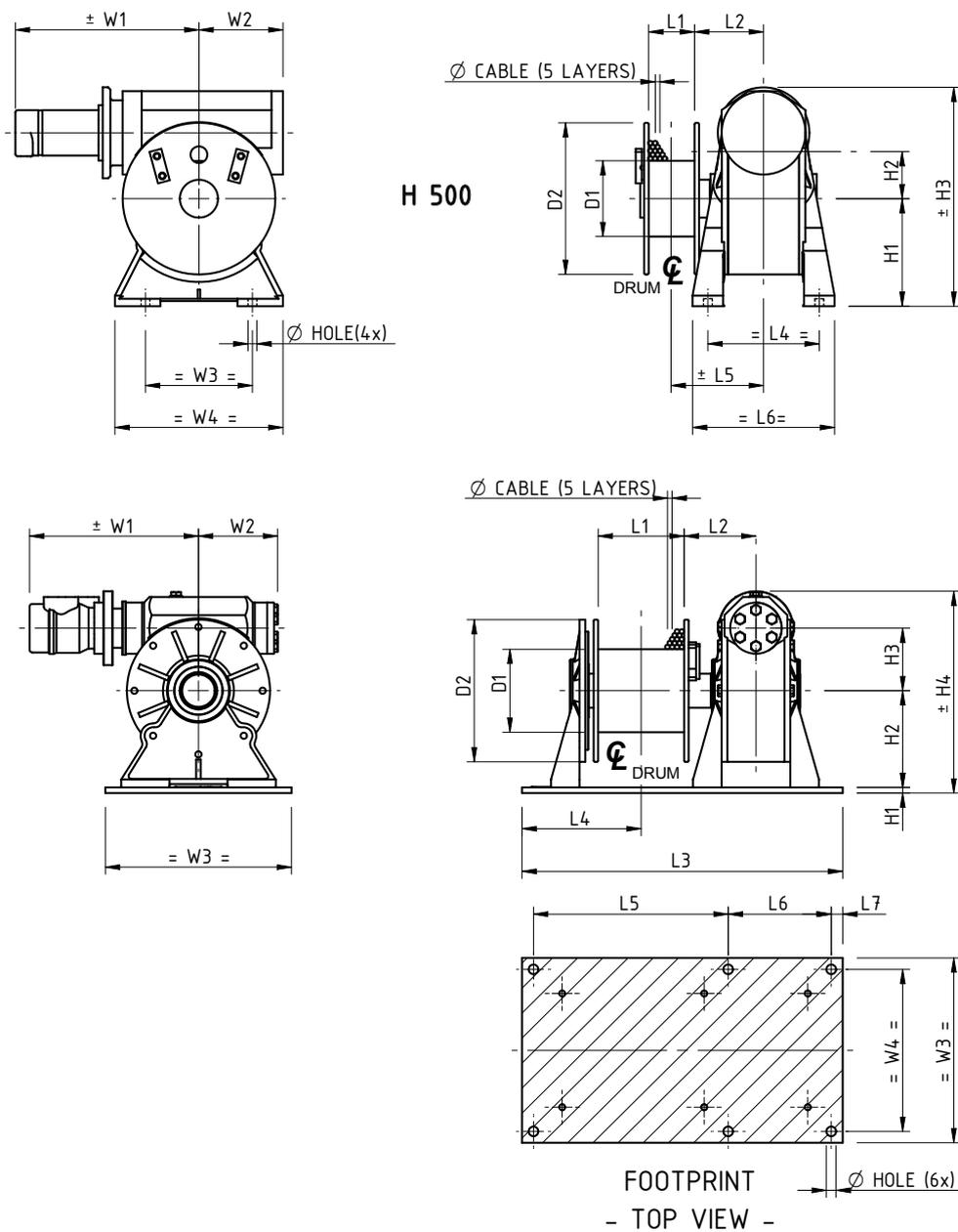
Available options:

- 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.



| Winch type | WLL 1 st layer kg | WLL 3 rd layer kg | Recomm. Rope diam. mm | Speed 1 st layer m/min. | Drumcap. 1 st layer m | Drumcap. 3 rd layer m | Pressure drop in bar | Flow in 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 |

* All winches with brake with the exception of the H 500 and H 700



| Type | Mass (kg) | D1 | D2 | L1 | L2 | L3 | L4 | L5 | L6 | L7 | H1 | H2 | H3 | H4 | W1 | W2 | W3 | W4 | Hole \emptyset |
|--------|-----------|-----|-----|-----|-------|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|------------------|
| 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 |