

Hydraulic Wormgear Winches

H series

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.

INDUSTRY

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