

SERIES H

The Series H comprises hydraulically controlled PREMIUM winches with capacities from 4.5 to 9.0 tons. This series is characterized by a three-point winch for front or rear installation with a pulling force of 6.5 tons.

PATENT



WIRE ROPE UNWINDING DEVICE

To make the wire rope unwinding easier you can choose a winch with an integrated device for unwinding. The unwinding device is electronically guided and ensures optimal control of the hydraulic assembly. This type of winch also guarantees a constant tension of the wire rope between the unwinding pulley and the drum, thus preventing damage to the drum or pulley and enabling a longer service life.

Standard equipment on 55Hpro, 65Hpro/HFpro and 85Hpro, **optional** for the other models.



Control console has automatic transition from pulse to continuous off mode.



Longer service life of the winch:



- HAWE seated solenoid valves with a high-pressure filter integrated in the control block. Hydraulic components (tank, cylinders etc.) have been galvanised for anti-corrosion protection. They are installed inside the winch frame for maximum protection from damage and adverse weather conditions.



- Hydraulic pump is gear driven.
- High-pressure oil filter preventing dirt from entering the hydraulic block.

Longer wire rope service life:

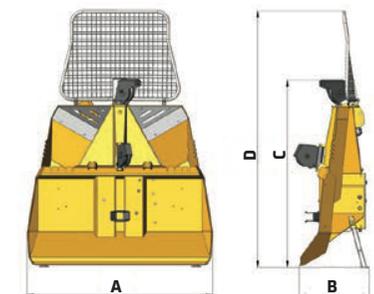


- Pressure relief brake for constant tension of the wire rope on the drum.
- Electronic control ensures proper tension of the wire rope during unwinding.
- Adjustment of wire rope unwinding speed - adjusted for user and field.



65HFpro

- Superior design with ergonomic shape
- New technological solutions
- Robust construction
- Hydraulic winches with speed reduction
- Winch for front or rear installation





AUTO STOP function (limit switch) automatically stops the function of winding the wire rope on the drum. This function prevents mechanical damages of the unwinding device, entanglement and wire rope damages.



Winches 65HF and 65HFpro can be installed at front or rear. Both models have unwinding device as standard equipment.

Front installation: PTO shaft should be installed to the lower PTO drive - rotation to the left (1000 min⁻¹). Rear installation: PTO shaft should be installed to the upper PTO drive - rotation to the right (540 min⁻¹).



Hydraulic hinged butt plate lowers the centre of gravity for easier timber handling and log stacking.



- (1) When pulling logs with a tractor, you may encounter some obstacles on the road (hill, roots etc.). If the tractor is not able to overcome these obstacles, the unwinding function can be switched into the mode without the assistance of the unwinding device and you can continue driving with a taught wire rope between the winch and the load.
- (2) The unwinding device can be turned on and off without delay (the standard model has a 1.5 sec. delay).
- (3) The SMART 3in1 function ensures additional tension of the wire rope between the unwinding pulley and drum.

This function is only available with the remote controls Teleradio, Terra funk and manual console.

Model		45H	45Hpro	55H	55Hpro	65H/65HF	65Hpro/HFpro	85H	85Hpro	95Hpro
Pulling force	kN	45	45	55	55	65	65	85	85	90
Wire rope medium speed	m/s	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60	0,60
Drum capacity length/diameter	m/mm	135/9	135/9	110/10	110/10	-	-	-	-	-
		110/10	110/10	90/11	90/11	120/11	120/11	120/12	120/12	-
Standard	m/mm	90/11	90/11	75/12	75/12	100/12	100/12	100/13	100/13	90/13
		70/10	70/10	70/11	70/11	80/12	80/12	90/13	90/13	75/14
Recommended tractor power	kW	37-50	37-50	40-55	40-55	45-70	45-70	min. 50	min. 50	min. 55
	HP	50-68	50-68	54-75	54-75	61-95	61-95	min. 68	min. 68	min. 74
PTO shaft revolutions	min ⁻¹	540	540	540	540	540	540	540	540	540
Dimensions A	mm	1490	1490	1590	1590	1685	1800/1685	1800	2000	2000
		/	/	● 1800	● 1800	● 1800	/	● 2000	/	/
Hydraulic hinged butt plate	mm	/	/	/	/	/	/	/	● 2000	●
		490	490	490	490	750	750	780	780	780
Dimensions B	mm	1400	1500	1480	1580	1800	1800/1685	1800	1800	1800
		2170	2170	2300	2300	2300	2300	2300	2300	2300
		395	421	409	435	564	564/595	613	649	669
Weight without wire rope	kg	/	/	● 426	● 453	● 584	/	● 639	/	/
		Trailer tow hitch	●	●	●	●	●	●	●	●
Lower pulley	●	●	●	●	●	●	●	●	●	●
Chainsaw holder	●	●	●	●	●	●	●	●	●	●
Pickaxe holder	●	●	●	●	●	●	●	●	●	●
Foldable window guard	●	●	●	●	●	●	●	●	●	●
Multi-plate clutch	●	●	●	●	●	●	●	●	●	●
Unwinding device	●	●	●	●	●	●	●	●	●	●
Auto Stop function	●	●	●	●	●	●	●	●	●	●
Smart 3in1 *	/	●	/	●	/	/	●	/	●	●
Dedicated valve for wire rope constant tensioning	/	●	/	●	/	/	●	/	●	●
Wire rope unwinding speed adjustment	/	●	/	●	/	/	●	/	●	●
Control	H	H	H	H	H	H	H	H	H	H
Connection category (coupling)		I, II	I, II	I, II	I, II	II, III				

● Standard | ● Option | / Not possible | H - electro hydraulic | Double flatted wire rope | * Only available if the unwinding device is installed