



- A range of electric winches designed for every lifting application up to 10 ton as standard. Robustness and large winding capacity allowing them to address a wide range of uses.
- Wall mounting possibility.
- Industry.
- Building and public works.
- High-rise building sites.
- Load elevators.

▲ Technical properties

▲ LOW VOLTAGE CONTROL MODELS WITH 1 SPEED

- Motor: three-phase 230/400V-50Hz. IP 54.
- Sealed very low voltage electrical unit consisting of:
 - > Contactors,
 - > 24 V transformers,
 - > Thermal circuit breaker,
 - > Disconnectable pendant control with 3 m of cable.
- Reducers:
 - > Bronze wheel and wormgear in oil bath for models between 1300 and 1800 kg,
 - > Taper couple and straight-cut gears for models between 2500 and 15 000 kg,
 - > Secondary reducer for gears under cover.
- 3 drum lengths to choose from.
- Numerous rope outlet possibilities.
- Manually releasable drum when unloaded (except TT10000).
- Limit switch (optional).

▲ LOW VOLTAGE CONTROL MODELS WITH FREQUENCY INVERTER

- Smooth starting and stopping.
- Adjustable speed from 10% to 100% with potentiometer.
- Acceleration and deceleration programming tables.
- According to use, speed programming.
- Not disconnectable pendant control.

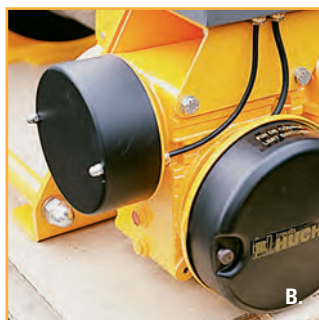
▲ LOW VOLTAGE CONTROL MODELS WITH DYNAMIC POWER OPTIMISATION (D.P.O.)

- The dynamic power optimisation (D.P.O.) allows a variable speed drive to adjust the speed of the winch to the effort required, constantly and automatically (patented system).



▲ TT 6T

Strong points

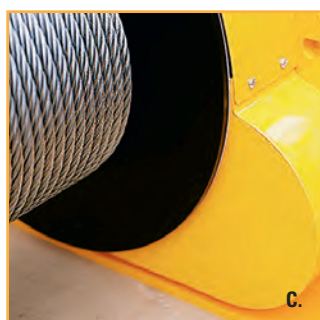


A. The modular design of the TT-Serie allows easy and economical adaptation to your specific needs: length of drums on request (option), rope slack switch and rope-press roller easily adjustable.

B. Rugged and reliable parts.

C. Safety: mechanical parts are protected.

D. Length of drums on request (option).



Dimensions

Models	TT1300		TT1800		TT2500		TT3800		TT6000		TT10000		TT15000	
Rope Ø mm	8		11,5		11,5		13		18		22		24	
Drum Ø mm	203		203		324		324		324		324		324	
Layers	1st	5th	1st	5th	1st	5th	1st	5th	1st	5th	1st	5th	1st	5th
Wire rope cap. m, drum 300mm	25	143	22	104	27	156	24	140	18	108	-	-	-	-
Wire rope cap. m, drum 600mm std	50	285	35	210	55	310	49	280	36	215	-	-	-	-
Wire rope cap. m, drum 800mm*	-	-	-	-	-	-	-	-	-	-	48	288	44	269
Wire rope cap. m, drum 900mm	-	-	-	-	82	469	73	423	54	325	-	-	-	-
Wire rope cap. m, drum 1200mm	-	-	-	-	110	620	97	564	71	433	-	-	-	-

*The 800 mm length is only dedicated to 10 and 15 t models.

Rope and hook extra (see p.88 to 91).

Applications



1. Moving carriages.



2. Barge hauling winches.



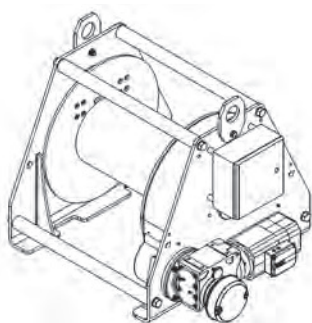
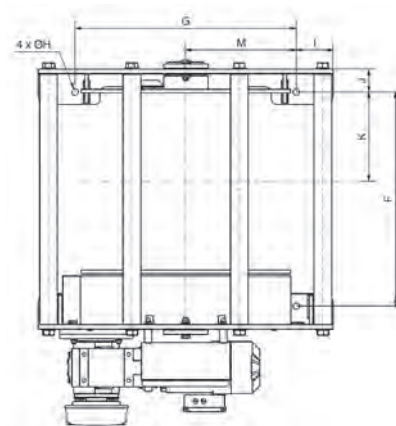
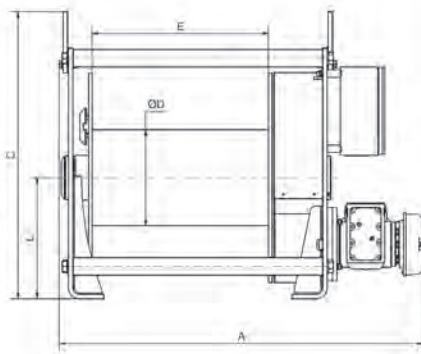
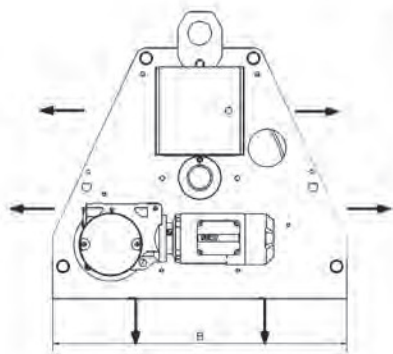
3. Moving boats.



4. Moving boats sideways in a shipyard.



Dimensions



Models	1300 TT or 1800 TT	2500 TT to 6000 TT	10000 TT	15000 TT
B mm	720	1000	1200	1240
C mm	545	973	1143	1295
G mm	570	750	1000	1000
I mm	75	125	100	120
J mm	50	78	73	50
L mm	235	410	500	662
M mm	285	375	500	500
E = Drum 300mm	A = 788	A (On request)	-	-
	F = 365	F = 425	-	-
	K = 160	K = 153	-	-
E = Drum 600mm std	A = 1088	A (On request)	-	-
	F = 665	F = 725	-	-
	K = 310	K = 303	-	-
E = Drum 800mm*	-	-	A = 1471	A = 1659
	-	-	F = 922	F = 1216
E = Drum 900mm	-	A (On request)	-	-
	-	F = 1025	-	-
	-	K = 453	-	-
E = Drum 1200mm	-	A (On request)	-	-
	-	F = 1325	-	-
	-	K = 603	-	-

*The 800 mm length is only dedicated to 10 and 15 t models.

Technical characteristics

LOW VOLTAGE CONTROL - MODELS WITH 1 SPEED

Standard drum: 600 mm (800 mm for 10 and 15 t).

References	TT 1300 S		TT 1800 S		TT 2500 S		TT 3800 S		TT 6000 S		TT 10000 S		TT 15000 S	
	08BT	11BT	06BT	12BT	06BT	13BT	04BT	08BT	03BT	11BT	04BT	06BT	06BT	06BT
Capacity 1st layer kg	1700		2400		3200		5000		9000		14 000		22 000	
Capacity top layer kg	1300		1800		2500		3800		6000		10 000		15 000	
Nb of layers	5		5		5		5		5		5		5	
Wire rope cap. 1st layer m*	50		35		55		49		36		48		44	
Wire rope cap. top layer m*	285		210		310		280		215		285		265	
Wire rope Ø mm	8		11.5		11.5		13		18		22		24	
Speed 1st layer m/mn	6	9	4	9	5	10	3	6	2	8	3		4	
Speed top layer m/mn	8	11	6	12	6	13	4	8	3	11	4		6	
Motor kW	2.2	3	2.2	5.5	2.2	4	2.2	4	2.2	11	5.5		11	
Power	3 Ph - 230/400 V		3 Ph - 230/400 V		3 Ph - 230/400 V		3 Ph - 230/400 V		3 Ph - 230/400 V		3 Ph-230/400 V		3 Ph-230/400 V	
Weight (without wire rope) kg	215	220	215	220	670	700	680	700	710	815	1250		1950	

The indicated rope diameter corresponds to the capacity on the top layer with a safety coefficient equal to (about) 3 when pulling with non-rotating rope.

* Rope and hook extra (see p. 88 to 91).

LOW VOLTAGE CONTROL - MODELS WITH FREQUENCY INVERTER

Standard drum: 600 mm (800 mm for 10 and 15 t).

References	TT 1300 S			TT 1800 S			TT 2500 S			TT 3800 S		
	8VV1	8VV	11VV	06VV1	06VV	12VV	06VV1	06VV	13VV	04VV1	04VV	08VV
Capacity 1st layer kg	1700			2400			3200			5000		
Capacity top layer kg	1300			1800			2500			3800		
Nb of layers	5			5			5			5		
Wire rope cap. 1st layer m*	50			35			55			49		
Wire rope cap. top layer m*	285			210			310			280		
Wire rope Ø mm	8			11.5			11.5			13		
Adjustable speed 1st layer m/mn	6	6	9	4	4	9	5	5	10	3	3	4
Adjustable speed top layer m/mn	8	8	11	6	6	13	6	6	13	4	4	8
Motor kW	2.2	2.2	3	2.2	2.2	5.5	2.2	2.2	4	2.2	2.2	4
Power	1 Ph - 230 V 3 Ph - 230/400 V			1 Ph - 230 V 3 Ph - 230/400 V			1 Ph - 230 V 3 Ph - 230/400 V			1 Ph - 230 V 3 Ph - 230/400 V		
Weight (without wire rope) kg	215	215	220	215	215	220	670	670	700	680	680	700

References	TT 6000 S			TT 10000 S		TT 15000 S	
	03VV1	03VV	11VV	04VV		06VV	
Capacity 1st layer kg	9000			14 000		22 000	
Capacity top layer kg	6000			10 000		15 000	
Nb of layers	5			5		5	
Wire rope cap. 1st layer m*	36			48		44	
Wire rope cap. top layer m*	215			285		265	
Wire rope Ø mm	18			22		24	
Adjustable speed 1st layer m/mn	2	2	8	3		4	
Adjustable speed top layer m/mn	3	3	11	4		6	
Motor kW	2.2	2.2	11	5.5		11	
Power	1 Ph - 230 V 3 Ph - 230/400 V		3 Ph - 400 V	3 Ph - 230/400 V		3 Ph - 400 V	
Weight (without wire rope) kg	710	710	815	1250		1950	

The indicated rope diameter corresponds to the capacity on the top layer with a safety coefficient equal to (about) 3 when pulling with non-rotating rope.

* Rope and hook extra (see p 88 to 91).

LOW VOLTAGE CONTROL- MODELS WITH D.P.O.

Standard drum: 600 mm (800 mm for 10 and 15 t).

References	TT 1300 S			TT 1800 S			TT 2500 S			TT 3800 S		
	17VV1	17VV	23VV	12VV1	12VV	24VV	12VV1	12VV	25VV	08VV1	08VV	15VV
Capacity 1st layer kg	1700			2400			3200			5000		
Capacity top layer kg	1300			1800			2500			3800		
Maxi. speed 1st layer m/mn	13	13	17	9	9	18	9	9	20	6	6	12
Maxi. speed top layer m/mn	17	17	23	12	12	24	12	12	25	8	8	15

References	TT 6000 S			TT 10000 S		TT 15000 S	
	05VV1	05VV	22VV	09VV		12VV	
Capacity 1st layer kg	9000			14 000		22 000	
Capacity top layer kg	6000			10 000		15 000	
Maxi. speed 1st layer m/mn	4	4	16	6		8	
Maxi. speed top layer m/mn	5	5	22	9		12	