



Strong points

- ▶ Many wire rope exits possible.



- ▶ The modular design of the TE range easily allows all adaptations to your specific needs at the lowest cost.



- ▶ Robustness and reliability of Huchez mechanical parts.



- ▶ Safety : mechanical parts are protected.

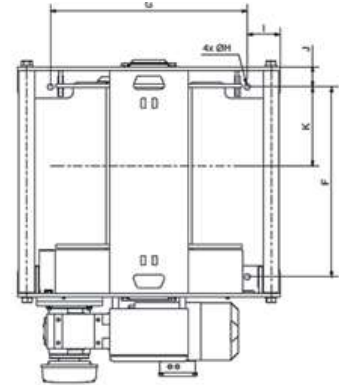
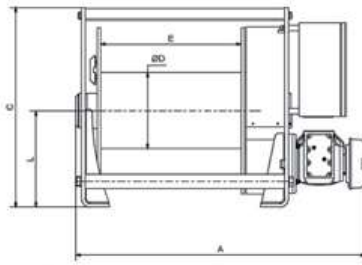
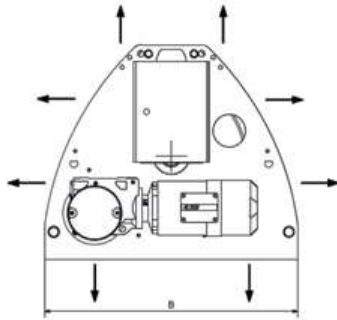


- ▶ Other drum dimensions on request.

- ▶ Capacity from 600 kg to 10 t.
Electrical winches with large winding capacities, designed for lifting applications.
Vertical fixation possible.
 - ▶ FEM 1 Bm / 2m - Moderate or heavy use, depending on the model.
 - ▶ Steel mechano-welded structure shot-blasted and painted.
 - ▶ Bronze wheel and worm gear (600, 1000 and 1600 kg models) or with bevel gear and spur gears (other models).
 - ▶ Gear secondary reducer.
 - ▶ Asynchronous motor in horizontal position. IP 54 Protection.
 - ▶ Automatic lack of current brake.
 - ▶ Single phase power 230V-50Hz or three phase 400V-50Hz (other tensions on request) depending on model.
 - ▶ Electric control box mounted on the winch included.
 - ▶ Very low voltage control (BT) ensuring user protection against electrical risks : single speed models (BT) or speed variation models (VV). In addition to the advantages of very low voltage, the VV control allows variation of the winding speed, smooth starts and stops.
 - ▶ Thermal circuit breaker.
 - ▶ 3 buttons pendant control (Up - Down- Emergency Stop):
 - ▶ Removable (3 m long control cable) on BT models.
 - ▶ Not removable (3 m long control cable) on VV models.
- Options**
- ▶ Wire rope (m/l) and hook (see p. 94-98).
 - ▶ Limit switch.
 - ▶ Electronic load limiter.
 - ▶ Rope press roller.
 - ▶ Rope slack switch.
 - ▶ Bottom frame.
 - ▶ Tubular protection of the motor.
 - ▶ Radio control.
 - ▶ Other options, on request (see p. 66-72).



Dimensions



Models	600 to 1600 TE	2000 to 5000 TE	7500 TE	10000 TE
A mm	1 088	On request	1 471	1 659
B mm	720	1 000	1 200	1 240
C mm	545	973	1 143	1 295
Ø D mm	203	324	394	394
E mm (standard)*	600	600	800	800
F mm	665	725	922	1 216
G mm	570	750	1 000	1 000
H mm	18	22	28	27
I mm	75	125	100	120

* Up to 4 other possible drum lengths : dimensions on request

Applications

- Industry, Public works, sites requiring great lifting heights...
- Freight elevator.



△ Lifting load in a cement factory.



△ Installation of a formwork on a construction site.



△ Pulling weight used to compact snow on a sky jump.



△ Lifting conveyor belt to load barges.



△ Counterweight lifting.



△ Load guiding.



△ Lifting and lowering of a grappling hook.



△ Skidding winches used on a building site.



Technical characteristics TE

Very low voltage control, 1 speed models (BT)

References	TE 600 S			TE 1000 S		TE 1600 S		TE 2000 S	
	10BT	16BT	22BT	6BT	13BT	5BT	11BT	5BT	11BT
Capacity top layer kg	600	600	600	1 000	1 000	1 600	1 600	2 000	2 000
Capacity 1st layer kg	755	755	755	1 300	1 300	2 110	2 110	2 410	2 410
Nb of layers	5	5	5	5	5	4	4	4	4
Maxi. Drum capacity m*	325	325	325	280	280	160	160	235	235
1st layer drum capacity m*	56	56	56	48	48	33	33	52	52
Wire rope Ø mm	7	7	7	8	8	11.5	11.5	11.5	11.5
Speed m/min	10	16	22	6	13	5	11	5	11
FEM	2m	2m	2m	2m	2m	2m	2m	2m	2m
Motor kW	2.2	3	4	2.2	4	2.2	5.5	2.2	4
Power	3 Ph 400V	3 Ph 400V	3 Ph 400V	3 Ph 400V	3 Ph 400V	3 Ph 400V	3 Ph 400V	3 Ph 400V	3 Ph 400V
Weight (without wire rope) kg	215	220	220	215	220	215	220	670	700

References	TE 3300 S		TE 5000 S			TE 7500 S	TE 10000 S
	4BT	7BT	2BT	4BT	11BT	4BT	6BT
Capacity top layer kg	3 300	3 300	5 000	5 000	5 000	7 500	10 000
Capacity 1st layer kg	4 220	4 220	6 575	6 575	6 575	9 875	14 230
Nb of layers	4	4	4	4	4	4	5
Maxi. Drum capacity m*	180	180	160	160	160	215	265
1st layer drum capacity m*	37	37	33	33	33	44	44
Wire rope Ø mm	15.8	15.8	18	18	18	22	24
Speed m/min	4	7	2	4	10	4	6
FEM	2m	2m	2m	2m	2m	2m	1Bm
Motor kW	2.2	4	2.2	4	11	5.5	11
Power	3 Ph - 400 V	3 Ph - 400 V	3 Ph - 400 V	3 Ph - 400 V	3 Ph - 400 V	3 Ph - 400 V	3 Ph - 400 V
Weight (without wire rope) kg	680	700	710	730	815	1250	1950

The wire rope diameter corresponds to the capacity on the top layer with a safety coefficient of (about) 5 when lifting with non-rotating wire rope.



Technical characteristics TE

Very low voltage control, speed variation models (VV)

References	TE 600 S			TE 1000 S		TE 1600 S	TE 2000 S
	10VV	16VV	22VV	6VV	13VV	11VV	11VV
Capacity top layer kg	600	600	600	1 000	1 000	1 600	2 000
Capacity 1st layer kg	755	755	755	1 300	1 300	2 110	2 410
Nb of layers	5	5	5	5	5	4	4
Maxi. Drum capacity m*	325	325	325	280	280	160	235
1st layer drum capacity m*	56	56	56	48	48	33	52
Wire rope Ø mm	7	7	7	8	8	11,5	11,5
Speed m/min	1-10	1.6-16	2.2-22	0.6-6	1.4-14	1.2-12	1.2-12
FEM	2m	2m	2m	2m	2m	2m	2m
Motor kW	2.2	3	4	2.2	4	5.5	4
Power	1 Ph - 230V 3 Ph - 400V	1 Ph - 230V 3 Ph - 400V	3 Ph - 400V	1 Ph - 230V 3 Ph - 400V	3 Ph - 400V	3 Ph - 400V	3 Ph - 400V
Weight (without wire rope) kg	215	220	220	215	220	220	700

References	TE 3300 S		TE 5000 S			TE 7500 S	TE 10000 S
	4VV	7VV	2VV	4VV	11VV	4VV	6VV
Capacity top layer kg	3 300	3 300	5 000	5 000	5 000	7 500	10 000
Capacity 1st layer kg	4 220	4 220	6 575	6 575	6 575	9 875	14 230
Nb of layers	4	4	4	4	4	4	5
Maxi. Drum capacity m*	180	180	160	160	160	215	265
1st layer drum capacity m*	37	37	33	33	33	44	40
Wire rope Ø mm	15.8	15.8	18	18	18	22	24
Speed m/min	0.4-4	0.7-7	0.2-2	0.4-4	1-10	0.4-4	0.6-6
FEM	2m	2m	2m	2m	2m	2m	1Bm
Motor kW	2.2	4	2.2	4	11	5.5	11
Power	1 Ph - 230V 3 Ph - 400V	3 Ph - 400V	1 Ph - 230V 3 Ph - 400V	3 Ph - 400V	3 Ph - 400V	3 Ph - 400V	3 Ph - 400V
Weight (without wire rope) kg	680	700	710	730	815	1250	1950

The wire rope diameter corresponds to the capacity on the top layer with a safety coefficient of (about) 5 when lifting with non-rotating wire rope.

