



- ▶ Capacities from 250 to 990 kg.  
Electric winches designed for simple lifting or pulling applications in corrosive environment, benefiting from the same quality requirements than the TRBoxter range. Ideal for harsh environments : offshore, marine, chemical, food industries...

- ▶ FEM 1Bm - Moderate use.
- ▶ Chassis and drum in mechano-welded 316L stainless steel.
- ▶ Greased reducer with helical gears.
- ▶ Asynchronous motor. Class F. IP 66 protection.
- ▶ Automatic lack of current brake.
- ▶ Single phase power 230V-50Hz or three phase 400V-50Hz (3 Ph-230V on request) depending on model.
- ▶ Limit switch included (IP 66).
- ▶ IP 66 control box.
- ▶ Very low voltage control (BT) ensuring user protection against electrical risks.
- ▶ 3 buttons pendant control (Up - Down- Emergency Stop), not removable (3 m long control cable). IP 66 protection.

- Options**
- ▶ Wire rope (m/l or kit) and hook (see p. 94-98).
  - ▶ Rope press roller.
  - ▶ Grooved drum.
  - ▶ Rope slack switch (see p. 66-72).

## Strong points



- ▶ Limit switches included (IP 66/67).



- ▶ IP 66 control box (included).



- ▶ Highly reliable cable clamp not requiring special tool with rope winding direction guide. Nut cage for easy attachment.



- ▶ IP 66 Pendant Control. Marine type electric cable (without halogen). Harting type plug, IP66 protection.

## Applications



- ▶ Marine industry.



- ▶ Food industry.



- ▶ Offshore industry.

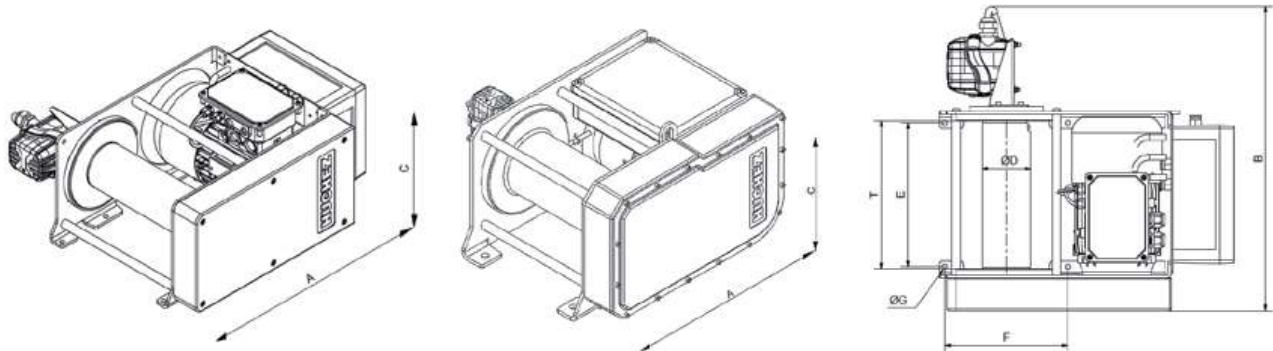


- ▶ Chemical industry...





## Dimensions



Models	PRIMO INOX BT 250	PRIMO INOX BT 400	PRIMO INOX BT 990
<b>A mm</b>	495	495	580*
<b>B mm</b>	528	528	615
<b>C mm</b>	244*	244*	326
<b>Ø D mm</b>	85	85	140
<b>E mm</b>	250	250	260
<b>F mm</b>	214	214	280
<b>Ø G mm</b>	9	9	17
<b>T mm</b>	257	257	280

\* The value can vary according to the motor terminal.

## Technical characteristics

References	PRIMO INOX BT 251	PRIMO INOX BT 253	PRIMO INOX BT 401	PRIMO INOX BT 403	PRIMO INOX BT 991	PRIMO INOX BT 993
<b>Capacity top layer kg</b>	<b>250</b>	<b>250</b>	<b>400</b>	<b>400</b>	<b>990</b>	<b>990</b>
Capacity 1st layer kg	300	300	400	400	990	990
Nb of layers	4	4	3	3	3	3
Maxi. Drum capacity m	63	63	39	39	42	42
1st layer drum capacity m	13	13	11	11	11	11
Wire rope Ø mm	5	5	6	6	10	10
Speed m/min	10.3	10.3	8	8	5.2	5.2
FEM	1Bm	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	0.75	0.75	0.75	0.75	1.1	1.1
Power	1 Ph - 230V	3 Ph - 400V	1 Ph - 230V	3 Ph - 400V	1 Ph - 230 V	3 Ph - 400V
Weight (without wire rope) kg	40	40	40	40	90	90

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.

