

# PRIMO FROM 150 TO 2,000 KG ECONOMICAL RANGE



CE - EC REGULATIONS (2006/42/EC): Emergency stop is obligatory for all electric winches. When lifting, an electric winch or installation, must include: limit switch and load limiter from 1,000 kg.

- A range of electric winches designed for simple lifting and pulling operations, subject to the same quality standards as the TRBoxter range.
- Intermediate operating factor
- Boat hauling
- Lifting doors, hatches, etc.
- Freight lifts
- Swimming pool roofs

## Technical properties

- 2 versions:
  - direct control, used only with weather protection,
  - or low voltage control, assuring user protection against electric risks.
- Steel rigid structure.
- Up-down pendant control with emergency stop, cable 3 m long.
- Single phase 230 V motor brake with permanent capacitor - 50 Hz lifting type,  $P = 0.75$  or  $1.1$  kW depending on the models. Class F. IP 54 protection.
- Three-phase 230/400 V motor brake - 50 Hz lifting type,  $P = 0.75 - 1.1$  or  $2.2$  kW depending on the models. Class F. IP 54 protection.
- Reducer in oil bath with helical gears.
- Mechanical welded steel drum with wide flanges allowing a secure fastening of the wire rope.
- Limit switch as standard (except three-phase CD).
- Rope-press roller and grooved drum as option.

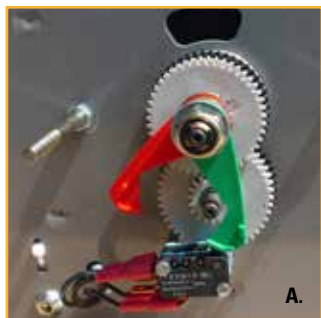


► Primo 500 kg CD

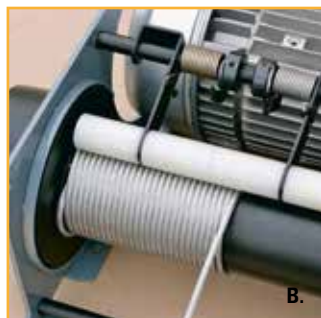


► Primo 2,000 kg BT

## Strong points



A.



B.



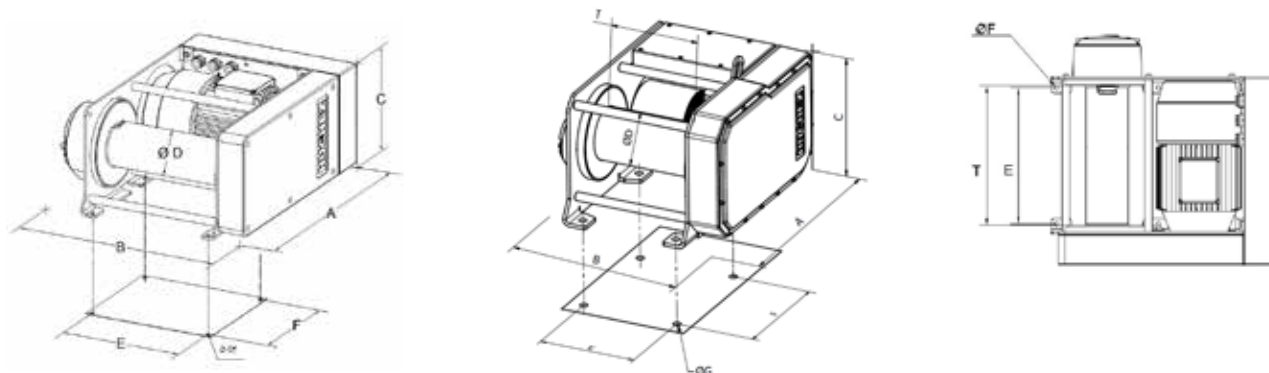
C.

A. Limit switch as standard (except three-phase CD). Very easy to adjust and extremely reliable, made specially by HUCHEZ.

B. Optional rope-press roller.

C. Optional grooved drum.

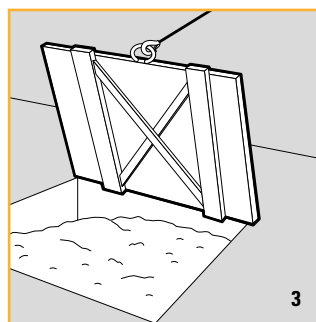
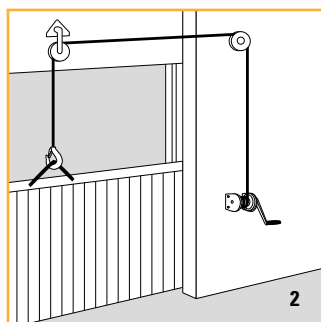
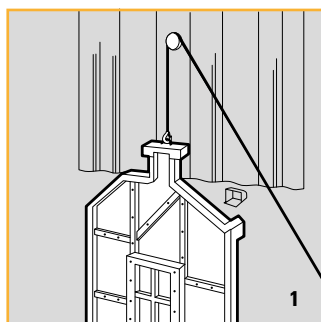
## Dimensions



Models	PRIMO CD 150 KG	PRIMO BT 150 KG	PRIMO CD 300 KG	PRIMO BT 300 KG	PRIMO CD 500 KG	PRIMO BT 500 KG	PRIMO CD-BT 1000 KG	PRIMO BT 2000 KG
A mm	365	392	420	476	420	476	610	610
B mm	405 (1)	405	422 (2)	422	430 (2)	430	565	565
C mm	190	190	216	216	216	216	390	390
Ø D mm	89	89	89	89	95	95	152	152
E mm	234	234	250	250	250	250	292	292
F mm	90	90	214 (3)	214 (3)	214 (3)	214 (3)	350	350
Ø G mm	8.5	8.5	9	9	9	9	22	22
T mm	243	243	257	257	257	257	312	312

(1) On the three-phase version (no limit switch), dimension B is 335 mm. (2) On the three-phase version (no limit switch), dimension B is 352 mm.  
(3) 2 fixation holes are available at half length, i.e. 107mm.

## Applications



1. Handling scenery.

2. Opening doors.

3. Lifting hatches.

4. Moving the covers on a water treatment plant.

## Technical characteristics

References	PRIMO 151		PRIMO 153		PRIMO 301		PRIMO 303		PRIMO 501		PRIMO 503		PRIMO 1001		PRIMO 1003		PRIMO 2003	
	CD	BT	CD	BT	CD	BT	CD	BT	CD	BT	CD	BT	CD	BT	BT	BT	BT	BT
Capacity 1st layer kg	175		175		360		360		630		630		990	1300	1300		2500	
Capacity top layer kg	150		150		300		300		500		500		990	1000	1000		2000	
Nb of layers	3		3		3		3		3		3		4		4		3	
Wire rope cap. 1st layer m*	16		16		13		13		10		10		17		17		12	
Wire rope cap. top layer m*	55		55		48		48		38		38		86		86		45	
Wire rope Ø mm	4		4		5		5		7		7		8		8		11.5	
Speed 1st layer m/mn	16.9		16.9		7.5		7.5		8.6		8.6		4		4		4	
Speed top layer. m/mn	19.2		19.2		9.1		9.1		11		11		5.2		5.2		5.2	
FEM	1 Cm		1 Cm		1 Bm		1 Bm		1 Cm		1 Cm		1 Bm		1 Bm		1 Cm	
Motor kW	0.75		0.75		0.75		0.75		1.1		1.1		1.1		1.1		2.2	
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		3 Ph - 230/400 V	
Weight (without wire rope) kg	30		30		35		35		40		40		150	152	152		160	

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

\* Rope and hook extra (see p. 78-81).