

TRBoxter 250 kg - 21 m/min, low voltage control with 1 speed, single phase



Compact electric winch 250 kg. Range of multimultifunctional electric winch offering many rope attachments, rope outlets and options.

Use:

- Lifting and hauling/pulling operations
- High operating factor
- Industry
- Building and public works
- Integration into many types of devices, cranes...
- Pulling carriages or wagons with a two-way system
- Installation and extraction of parts in ovens
- Hanging chandeliers
- Boat haulage
- Doors lifting, traps opening
- Material lifts
- Stage industry
- Swimming pool roofs...

Comply with Machines Directive 2006/42/EC and standard NF E N 14492-1.

Technical properties

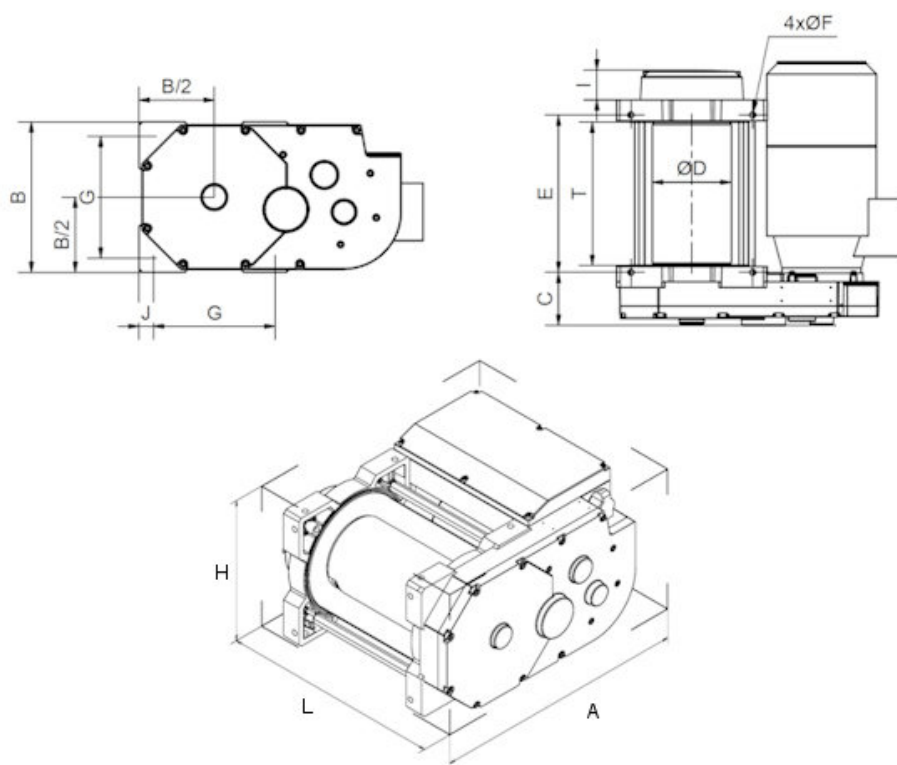
- Welded steel drum protected by perforate plate, adjustable according to the outlet of the rope. Large flanges for a large rope capacity.
- Reliable and very safe cable clamp. Caged nut for winch multi-position fixing.
- Aluminium casing.
- Robust and compact, it benefits of a high operating factor.
- Asynchronous, single phase motor 230 V - 50 Hz. P = 1,1 kW.
- The low voltage control protects the user from electrical risks. It makes it possible to operate a wide range of options: from limit switch to radio control, including a load limiter and a rope slack switch...
- Reliable and electric components.
- Very low voltage, 24 V remote control with socket, IP 65 protection.
- Limit switch obligatory when lifting.
- 24 V direct current electromagnetic brake.
- Electrical equipment under sealed cover.
- Reducer sealed in oil bath with helical gears.
- Fixation points identical to the TRB model allowing old TRB to be replaced.
- Available options: rope press-roller, grooved drum, specific paint, chassis, drum length on request, rain cover, timer, tarpauline cover...

Technical characteristics of TRBoxter 250 kg - 21 m/min, low voltage control with 1 speed, single phase

References	TRBOXTER251BT21
Capacity 1st layer kg	290
Capacity top layer kg	250
Nb of layers	3
Wire rope cap. 1st layer m	16
Max. rope capacity m	56
Wire rope Ø mm	5
Fixed speed 1st layer m/min	19,8
Fixed speed top layer m/min	23
FEM	1Am
Motor kW	1,1
Power	1Ph-230V
Weight (without wire rope) kg	51

Dimensions

References	TRBOXTER251BT21
A mm	462
B mm	243
C mm	79
D mm	Ø 121
E mm	255
F mm	Ø 10,5
L (with limit switch) mm	457
L (without limit switch) mm	457
G mm	197
H mm	284,5
I mm	68
J mm	23
M mm	121,5
N mm	121,5
T mm	230



Technical characteristics of the other models of the range

References	TRBOXTER251BT21	TRBOXTER253BT9	TRBOXTER253BT14	TRBOXTER253BT21	TRBOXTER253BT43
Capacity 1st layer kg	290	290	290	290	290
Capacity top layer kg	250	250	250	250	250
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	16	16	16
Max. rope capacity m	56	56	56	56	56
Wire rope Ø mm	5	5	5	5	5
Fixed speed 1st layer m/min	19,8	8,1	13,3	19,8	40,3
Fixed speed top layer m/min	23	9,4	15,4	23	46,6
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	1,1	0,75	0,75	1,1	2.2
Power	1Ph-230V	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V
Weight (without wire rope) kg	51	49	49	51	59

References	TRBOXTER351BT14	TRBOXTER353BT9	TRBOXTER353BT14	TRBOXTER353BT26	TRBOXTER501BT11
Capacity 1st layer kg	400	400	400	400	600
Capacity top layer kg	350	350	350	350	500
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	16	16	12
Max. rope capacity m	56	56	56	56	42
Wire rope Ø mm	5	5	5	5	7
Fixed speed 1st layer m/min	13,3	8,1	13,3	25,7	10
Fixed speed top layer m/min	15,4	9,4	15,4	29,8	12,2
FEM	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	1,1	0,75	1,1	2,2	1,1
Power	1Ph-230V	3Ph-400V	3Ph-400V	3Ph-400V	1Ph-230V
Weight (without wire rope) kg	51	49	51	59	51

References	TRBOXTER501BT11ST	TRBOXTER503BT4	TRBOXTER503BT11	TRBOXTER503BT11ST	TRBOXTER503BT21
Capacity 1st layer kg	600	600	600	600	600
Capacity top layer kg	500	500	500	500	500
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	12	12	12	12	12
Max. rope capacity m	42	42	42	42	42
Wire rope Ø mm	7	7	7	7	7
Fixed speed 1st layer m/min	10	4	10	10	20
Fixed speed top layer m/min	12,2	4,9	12,2	12,2	24,2
FEM	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	1,1	0,75	1,1	1,1	2,2
Power	1Ph-230V	3Ph-400V	3Ph-400V	3Ph-230/400V	3Ph-400V
Weight (without wire rope) kg	51	49	51	51	59

References	TRBOXTER0603BT05	TRBOXTER0603BT10	TRBOXTER603BT15	TRBOXTER0603BT20	TRBOXTER0803BT05
Capacity 1st layer kg	750	750	750	750	950
Capacity top layer kg	600	600	600	600	800
Nb of layers	4	4	4	4	3
Wire rope cap. 1st layer m	19	19	19	19	16,5
Max. rope capacity m	93	93	93	93	59
Wire rope Ø mm	7	7	7	7	8
Fixed speed 1st layer m/min	4,8	8,8	14,9	17,9	4,3
Fixed speed top layer m/min	6	11	18,6	22,5	5,2
FEM	1Am	1Am	1Am	1Bm	3Ph-400V
Motor kW	0,75	1,5	2,2	3	1Bm
Power	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V	1,1
Weight (without wire rope) kg	88	101	100	104	92

References	TRBOXTER0603BT30	TRBOXTER0803BT10	TRBOXTER0803BT13	TRBOXTER0803BT17	TRBOXTER0993BT05
Capacity 1st layer kg	750	950	950	950	1200
Capacity top layer kg	600	800	800	800	990
Nb of layers	4	3	3	3	3
Wire rope cap. 1st layer m	19	16,5	16,5	16,5	14,5
Max. rope capacity m	93	59	59	59	53
Wire rope Ø mm	7	8	8	8	9
Fixed speed 1st layer m/min	25,5	8,7	12	15	4,4
Fixed speed top layer m/min	31,9	10,3	14,3	17,8	5,3
FEM	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	4	2,2	3	4	1,1
Power	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V
Weight (without wire rope) kg	107	100	104	107	92

References	TRBOXTER0993BT10	TRBOXTER0993BT13	TRBOXTER0993BT17	TRBOXTER1503BT04	TRBOXTER1503BT09
Capacity 1st layer kg	1100	990	990	1500	1500
Capacity top layer kg	990	990	990	1500	1500
Nb of layers	2	1	1	1	1
Wire rope cap. 1st layer m	14,5	14,5	14,5	11,5	11,5
Max. rope capacity m	34	14,5	14,5	11,5	11,5
Wire rope Ø mm	9	9	9	11,5	11,5
Fixed speed 1st layer m/min	8,7	12,1	15,1	4,4	8,8
Fixed speed top layer m/min	10,6	12,1	15,1	4,4	8,8
FEM	1Bm	1Bm	1Cm	1Bm	3Ph-400V
Motor kW	2,2	3	4	1,5	1Cm
Power	3Ph-400V	3Ph-400V	3Ph-400V	3Ph-400V	3
Weight (without wire rope) kg	100	104	108	101	104



HUCHEZ's advice

Fixation points identical to the TRB model allowing old TRB to be replaced, many rope attachments, rope outlets and options.



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