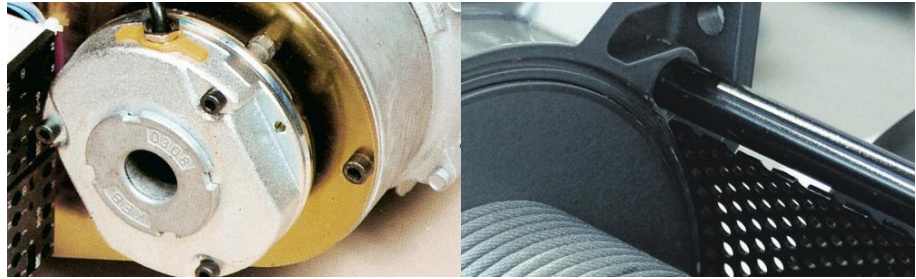


TRBoxter 500 kg - 5 m/min, low voltage control with frequency inverter, three



Compact electric winch 500 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, three phase motor 400 V - 50 Hz. P = 0,75 kW.
- The low voltage control protects the user from electrical risks. It makes it possible to operate a wide range of options (limit switch, radio control, load limiter, rope slack switch...), and offers a variation of the winding speed with gradual starting and stopping.
- Reliable and electric components.
- Very low voltage, 24 V remote control with socket, IP 65 protection.
- Limit switch obligatory when lifting.
- 190 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.
- Lengthened drum models: standard length of drum and drum capacity x 1,5.
- Available options: rope press-roller, grooved drum, specific paint, chassis, drum length on request, rain cover, timer,

tarpauline cover...

Technical characteristics of TRBoxter 500 kg - 5 m/min, low voltage control with frequency inverter, three phase

References	TRBOXTER503VV4
Capacity 1st layer kg	600
Capacity top layer kg	500
Nb of layers	3
Wire rope cap. 1st layer m	12
Max. rope capacity m	42
Wire rope Ø mm	7
Adjustable speed 1st layer m/min	0,4-4
Adjustable speed top layer m/min	0,5-5
FEM	1Bm
Motor kW	0,75
Power	3Ph-400V
Weight (without wire rope) kg	50

Dimensions

References	TRBOXTER503VV4
A mm	475
B mm	243
C mm	79
D mm	Ø 121
E mm	255
F mm	Ø 10,5
L (with limit switch) mm	451
L (without limit switch) mm	451
G mm	197
H mm	345
I mm	68
J mm	23
M mm	121,5
N mm	121,5



Technical characteristics of the other models of the range

References	TRBOXTER251VV9	TRBOXTER253VV9	TRBOXTER251VV14	TRBOXTER253VV14	TRBOXTER251VV21
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
Adjustable speed 1st layer m/min	0,8-8	0,8-8	1,3-13	1,3-13	2-20
Adjustable speed top layer m/min	0,9-9	0,9-9	1,4-14	1,4-14	2,1-21
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	0,75	0,75	0,75	0,75	1,1
Power	1Ph-230V	3Ph-400V	1Ph-230V	3Ph-400V	1Ph-230V
Weight (without wire rope) kg	50	50	49	49	54

References	TRBOXTER253VV21	TRBOXTER251VV43	TRBOXTER253VV43	TRBOXTER351VV9	TRBOXTER353VV9
Capacity 1st layer kg	290	290	290	400	400
Capacity top layer kg	250	250	250	350	350
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
Adjustable speed 1st layer m/min	2-20	4-40	4-40	0,8-8	0,8-8
Adjustable speed top layer m/min	2,1-21	4,3-43	4,3-43	0,9-9	0,9-9
FEM	1Am	1Am	1Am	1Bm	1Bm
Motor kW	1,1	2,2	2,2	0,75	0,75
Power	3Ph-400V	1Ph-230V	3Ph-400V	1Ph-230V	3Ph-400V
Weight (without wire rope) kg	54	62	62	50	50

References	TRBOXTER351VV14	TRBOXTER353VV14	TRBOXTER351VV26	TRBOXTER353VV26	TRBOXTER501VV4
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
Adjustable speed 1st layer m/min	1,3-13	1,3-13	2,6-26	2,6-26	0,4-4
Adjustable speed top layer m/min	1,4-14	1,4-14	3-30	3-30	0,5-5
FEM	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	1,1	1,1	2,2	2,2	0,75
Power	1Ph-230V	3Ph-400V	1Ph-230V	3Ph-400V	1Ph-230V
Weight (without wire rope) kg	54	54	62	62	50

References	TRBOXTER503VV4	TRBOXTER501VV11	TRBOXTER503VV11	TRBOXTER501VV21	TRBOXTER503VV21
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
Adjustable speed 1st layer m/min	0,4-4	1-10	1-10	2-20	2-20
Adjustable speed top layer m/min	0,5-5	1,1-11	1,1-11	2,2-22	2,2-22
FEM	1Bm	1Bm	1Bm	1Bm	1Bm
Motor kW	0,75	1,1	1,1	2,2	2,2
Power	3Ph-400V	1Ph-230V	3Ph-400V	1Ph-230V	3Ph-400V
Weight (without wire rope) kg	50	54	54	62	62

References	TRBOXTER0601VV10	TRBOXTER0603VV10	TRBOXTER0603VV20	TRBOXTER0801VV05	TRBOXTER0803VV05
Capacity 1st layer kg	750	750	750	950	950
Capacity top layer kg	600	600	600	800	800
Nb of layers	4	4	4	3	3
Wire rope cap. 1st layer m	19	19	19	16,5	16,5
Max. rope capacity m	93	93	93	59	59
Wire rope Ø mm	7	7	7	8	8
Adjustable speed 1st layer m/min	0.8-8	0.8-8	1.6-16	0,4-4	0,4-4
Adjustable speed top layer m/min	1.0-10	1.0-10	2.0-20	0,5-5	0,5-5
FEM	1Am	1Am	1Am	1Bm	1Bm
Motor kW	1.1	1.1	2.2	1,1	1,1
Power	1Ph-230V	3Ph-400V	3Ph-400V	1Ph-230V	3Ph-400V
Weight (without wire rope) kg	92	92	100	92	92

References	TRBOXTER0803VV10	TRBOXTER0803VV17	TRBOXTER0991VV05	TRBOXTER0993VV05	TRBOXTER0993VV10
Capacity 1st layer kg	950	950	1200	1200	1100
Capacity top layer kg	800	800	990	990	990
Nb of layers	3	3	3	3	2
Wire rope cap. 1st layer m	16,5	16,5	14,5	14,5	14,5
Max. rope capacity m	59	59	53	53	34
Wire rope Ø mm	8	8	9	9	9
Adjustable speed 1st layer m/min	1.0-10	1,6-16	0,4-4	0,4-4	1.0-10
Adjustable speed top layer m/min	1.2-12	1,9-19	0,5-5	0,5-5	1.2-12
FEM	1Bm	1Cm	1Bm	1Bm	1Bm
Motor kW	2,2	3	1,1	1,1	2,2
Power	3Ph-400V	3Ph-400V	1Ph-230V	3Ph-400V	3Ph-400V
Weight (without wire rope) kg	100	104	92	92	100

References	TRBOXTER0993VV17	TRBOXTER1501VV04	TRBOXTER1503VV04	TRBOXTER1503VV07	TRBOXTER253VV60
Capacity 1st layer kg	990	1500	1500	1500	290
Capacity top layer kg	990	1500	1500	1500	250
Nb of layers	1	1	1	1	3
Wire rope cap. 1st layer m	14,5	11,5	11,5	11,5	16
Max. rope capacity m	14,5	11,5	11,5	11,5	56
Wire rope Ø mm	9	11,5	11,5	11,5	5
Adjustable speed 1st layer m/min	1.5-15	0,4-4	0,4-4	0.7-7	5,1-51
Adjustable speed top layer m/min	1.5-15	0,4-4	0,4-4	0.7-7	6-60
FEM	1Cm	1Bm	1Bm	1Cm	1Am
Motor kW	3	1,5	1,5	2,2	3
Power	3Ph-400V	1Ph-230V	3Ph-400V	3Ph-400V	3Ph-400V
Weight (without wire rope) kg	104	101	101	101	66

References	TRBOXTER353VV42	TRBOXTER503VV32	TRBOXTER0603VV05	TRBOXTER0601VV05	TRBOXTER0603VV15
Capacity 1st layer kg	400	600	750	750	750
Capacity top layer kg	350	500	600	600	600
Nb of layers	3	3	4	4	4
Wire rope cap. 1st layer m	16	12	19	19	19
Max. rope capacity m	56	42	93	93	93
Wire rope Ø mm	16	7	7	7	7
Adjustable speed 1st layer m/min	3,9-39	2,6-26	0,5-5	0,5-5	1,5-15
Adjustable speed top layer m/min	4,2-42	3,2-32	0,6-6	0,6-6	1,9-19
FEM	1Bm	1Bm	1Am	1Am	1Am
Motor kW	3	3	0,75	0,75	2,2
Power	3Ph-400V	3Ph-400V	3Ph-400V	1Ph-230V	3Ph-400V
Weight (without wire rope) kg	66	66	88	88	100

References	TRBOXTER0603VV30	TRBOXTER0803VV13	TRBOXTER0993VV13
Capacity 1st layer kg	750	950	990
Capacity top layer kg	600	800	990
Nb of layers	4	3	1
Wire rope cap. 1st layer m	19	16,5	14,5
Max. rope capacity m	93	59	14,5
Wire rope Ø mm	7	8	9
Adjustable speed 1st layer m/min	2,6-26	1,2-12	1,2-12
Adjustable speed top layer m/min	3,2-32	1,4-14	1,2-12
FEM	1Am	1Bm	1Bm
Motor kW	4	3	3
Power	3Ph-400V	3Ph-400V	3Ph-400V
Weight (without wire rope) kg	107	104	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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