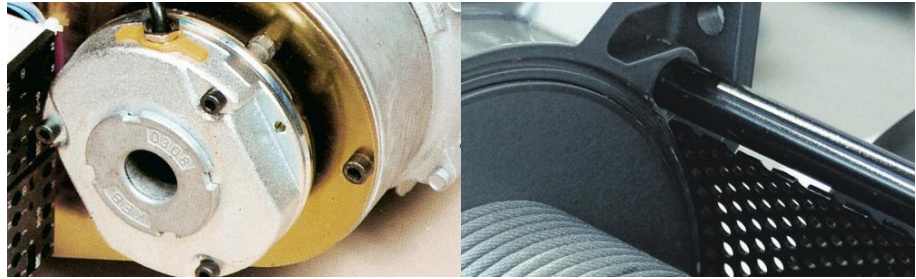


TRBoxter 350 kg - 9 m/min, low voltage control with frequency inverter, single



Compact electric winch 350 kg. Range of multifunctional 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 = 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 electronic 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 350 kg - 9 m/min, low voltage control with frequency inverter, single phase

| References | TRBOXTER351VV9 |
|----------------------------------|----------------|
| Capacity 1st layer kg | 400 |
| Capacity top layer kg | 350 |
| Nb of layers | 3 |
| Wire rope cap. 1st layer m | 16 |
| Max. rope capacity m | 56 |
| Wire rope Ø mm | 5 |
| Adjustable speed 1st layer m/min | 0,8-8 |
| Adjustable speed top layer m/min | 0,9-9 |
| FEM | 1Bm |
| Motor kW | 0,75 |
| Power | 1Ph-230V |
| Weight (without wire rope) kg | 50 |

Dimensions

| References | TRBOXTER351VV9 |
|-----------------------------|----------------|
| 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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