

## Huchez electric winch TRBoxter VV, model with variable speed



### Product information

Electric winch for loads from 250 up to 1500 kg with low voltage control and variable speed. Multifunctional electric winch offering many rope attachments, rope outlets and options. Robust and compact, it benefits of a high operating factor for all kind of applications such as for example: Industrial applications, Building and public works, Theatre applications, Integration into many types of devices, cranes, material lifts etc.

#### Technical properties:

- Welded steel drum.
- Aluminium casing.
- The low voltage control protects the user from electrical risks.
- In addition to the low voltage advantages, the not disconnectable pendant control offers a variation of the winding speed, with gradual starting and stopping.
- Asynchronous three-phase motors (230/400 V – 50 Hz P= 0.75 – 1.1 – 1.5 – 2.2 - 3 - 4 – 5.5 kW depending on the models).
- Reducer sealed in oil bath with helical gears.
- 24 V or 190 V direct current electromagnetic brake (depending on the models).
- Electrical equipment under sealed cover.
- Very low voltage, 24 V remote control with socket – IP 65 protection.

#### Optional:

- limit switch.
- Radio control.
- load limiter.
- Lengthened drum models. Wire rope capacity will increase by 1.5 x standard capacity.

**Marking:** CE-marked

Part Code	WLL	Model	Rope Ø mm	Power kW	Motor kW	Weight without wire rope kg	Rope capacity m	FEM	Capacity 1st layer kg	Capacity top layer kg	Number of layers	wire rope capacity 1st layer m	Speed m/min	Delivery time
5406TRBOXTER251VV9	0.25	TRBOXTER251VV9	16	1Ph-230V	0.75	50	25	1Am	290	250	3	5	0.8-8	10

5406TRBOXTER253VV9	0.25	TRBOXTER253VV9	16	3Ph-230/400V	0.75	50	25	1Am	290	250	3	5	0.8-8	10
5406TRBOXTER251VV14	0.25	TRBOXTER251VV14	16	1Ph-230V	0.75	50	25	1Am	290	250	3	5	1.3-13	10
5406TRBOXTER253VV14	0.25	TRBOXTER253VV14	16	3Ph-230/400V	0.75	50	25	1Am	290	250	3	5	1.3-13	10
5406TRBOXTER251VV21	0.25	TRBOXTER251VV21	16	1Ph-230V	1.1	54	25	1Am	290	250	3	5	2-20	10
5406TRBOXTER253VV21	0.25	TRBOXTER253VV21	16	3Ph-230/400V	1.1	54	25	1Am	290	250	3	5	2-20	10
5406TRBOXTER251VV43	0.25	TRBOXTER251VV43	16	1Ph-230V	2.2	62	25	1Am	290	250	3	5	4-40	10
5406TRBOXTER253VV43	0.25	TRBOXTER253VV43	16	3Ph-230/400V	2.2	62	25	1Am	290	250	3	5	4-40	10
5406TRBOXTER253VV60	0.25	TRBOXTER253VV60	16	3Ph-230/400V	3	66	25	1Am	290	250	2	5	5.1-51	10
5406TRBOXTER351VV9	0.35	TRBOXTER351VV9	16	1Ph-230V	0.75	50	25	1Bm	400	350	3	5	0.8-8	10
5406TRBOXTER353VV9	0.35	TRBOXTER353VV9	16	3Ph-230/400V	0.75	50	25	1Bm	400	350	3	5	0.8-8	10
5406TRBOXTER351VV14	0.35	TRBOXTER351VV14	16	1Ph-230V	1.1	54	25	1Bm	400	350	3	5	1.3-13	10
5406TRBOXTER353VV14	0.35	TRBOXTER353VV14	16	3Ph-230/400V	1.1	54	25	1Bm	400	350	3	5	1.3-13	10
5406TRBOXTER351VV26	0.35	TRBOXTER351VV26	16	1Ph-230V	2.2	62	25	1Bm	400	350	3	5	2.6-26	10
5406TRBOXTER353VV26	0.35	TRBOXTER353VV26	16	3Ph-230/400V	2.2	62	25	1Bm	400	350	3	5	2.6-26	10
5406TRBOXTER353VV42	0.35	TRBOXTER353VV42	16	3Ph-230/400V	3	66	25	1Bm	400	350	3	5	3.9-39	10
5406TRBOXTER501VV4	0.5	TRBOXTER501VV4	12	1Ph-230V	0.75	50	18	1Bm	600	500	3	7	0.4-4	10
5406TRBOXTER503VV4	0.5	TRBOXTER503VV4	12	3Ph-230/400V	0.75	50	18	1Bm	600	500	3	7	0.4-4	10
5406TRBOXTER501VV11	0.5	TRBOXTER501VV11	12	1Ph-230V	1.1	54	18	1Bm	600	500	3	7	1-10	10

5406TRBOXTER503VV11	0.5	TRBOXTER503VV11	12	3Ph-230/400V	1.1	54	18	1Bm	600	500	3	7	1-10	10
5406TRBOXTER501VV21	0.5	TRBOXTER501VV21	12	1Ph-230V	2.2	62	18	1Bm	600	500	3	7	2-20	10
5406TRBOXTER503VV21	0.5	TRBOXTER503VV21	12	3Ph-230/400V	2.2	62	18	1Bm	600	500	3	7	2-20	10
5406TRBOXTER503VV32	0.5	TRBOXTER503VV32	12	3Ph-230/400V	3	66	18	1Bm	600	500	3	7	2.6-26	10
5406TRBOXTER601VV5	0.6	TRBOXTER601VV5	19	1Ph-230V	0.75	88	30	1Am	750	600	4	7	0.5-5	10
5406TRBOXTER603VV5	0.6	TRBOXTER603VV5	19	3Ph-230/400V	0.75	88	30	1Am	750	600	4	7	0.5-5	10
5406TRBOXTER601VV10	0.6	TRBOXTER601VV10	19	1Ph-230V	1.5	101	30	1Am	750	600	4	7	0.9-9	10
5406TRBOXTER603VV10	0.6	TRBOXTER603VV10	19	3Ph-230/400V	1.5	101	30	1Am	750	600	4	7	0.9-9	10
5406TRBOXTER603VV15	0.6	TRBOXTER603VV15	19	3Ph-230/400V	2.2	100	30	1Am	750	600	4	7	1.5-15	10
5406TRBOXTER603VV20	0.6	TRBOXTER603VV20	19	3Ph-230/400V	3	104	30	1Am	750	600	4	7	1.8-18	10
5406TRBOXTER603VV30	0.6	TRBOXTER603VV30	19	3Ph-230/400V	4	107	30	1Bm	750	600	4	7	2.6-26	10
5406TRBOXTER801VV5	0.8	TRBOXTER801VV5	16.5	1Ph-230V	1.1	92	26	1Bm	950	800	3	8	0.4-4	10
5406TRBOXTER803VV5	0.8	TRBOXTER803VV5	16.5	3Ph-230/400V	1.1	92	26	1Bm	950	800	3	8	0.4-4	10
5406TRBOXTER803VV10	0.8	TRBOXTER803VV10	16.5	3Ph-230/400V	2.2	100	26	1Bm	950	800	3	8	0.9-9	10
5406TRBOXTER803VV13	0.8	TRBOXTER803VV13	16.5	3Ph-230/400V	3	104	26	1Bm	950	800	3	8	1.2-12	10
5406TRBOXTER803VV17	0.99	TRBOXTER803VV17	16.5	3Ph-230/400V	3	107	26	1Bm	950	800	3	8	1.5-15	10
5406TRBOXTER991VV5	0.99	TRBOXTER991VV5	14.5	1Ph-230V	1.1	92	23	1Bm	1,200	990	3	9	0.4-4	10

5406TRBOXTER993VV5	0.99	TRBOXTER993VV5	14.5	3Ph- 230/400V	1.1	92	23	1Bm	1,200	990	3	9	0.4-4	10
5406TRBOXTER993VV10	0.99	TRBOXTER993VV10	14.5	3Ph- 230/400V	2.2	100	23	1Bm	1,100	990	2	9	0.9-9	10
5406TRBOXTER993VV13	0.99	TRBOXTER993VV13	14.5	3Ph- 230/400V	3	104	23	1Bm	990	990	1	9	1.2-12	10
5406TRBOXTER993VV17	0.99	TRBOXTER993VV17	14.5	3Ph- 230/400V	4	107	23	1Cm	990	990	1	9	1.5-15	10
5406TRBOXTER1501VV4	1.5	TRBOXTER1501VV4	11.5	1Ph-230V	1.5	101	18.1	1Bm	1,500	1,500	1	11.5	0.4-4	10
5406TRBOXTER1503VV4	1.5	TRBOXTER1503VV4	11.5	3Ph- 230/400V	1.5	101	18.1	1Bm	1,500	1,500	1	11.5	0.4-4	10
5406TRBOXTER1503VV9	1.5	TRBOXTER1503VV9	11.5	3Ph- 230/400V	3	104	18.1	1Cm	1,500	1,500	1	11.5	0.9-9	10

## Blueprint

