

INDUSTRIA 1 t, FEM/ISO 1Am/M4 - 10 m/min, low voltage control with 1 speed



Electric winch 1000 kg. Range of electric winches initially designed to satisfy the needs of the industrial sector.

Use:

- All lifting or pulling/hauling applications
- Industry
- Building and public works
- Integration into cranes...
- Pulling/hauling of heavy loads
- Conveyor belt tensioning
- Opening hatches
- Lifting sluice gates
- Stage industry...

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

Technical properties

- Robust and highly compact.
- Vertical mounting possible.
- 230/400 V - 50 Hz three-phase brake motor. IP 55 Protection. Other voltage or frequencies optional. P = 2,2 kW.
- Motor position: horizontal (possibility of vertical on request).
- 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...
- The tie-rods are mobile according to the rope outlet.
- Anti-escape system for the rope.
- FEM/ISO 1Am/M4 classification.
- Reduced space between the tie-rod and the drum.
- Rope-press roller and rope slack switch incorporated under the upper tie-rod (incorporation into the tie-rod as an option).
- Reliable electric and electronic components.
- Limit switch obligatory when lifting and from 1000 kg, load limiter.
- Sealed electrical unit on the winch consisting on: contactors, 24 V transformers, thermal circuit breaker, disconnectable pendant control with 3 m of cable.
- Reduced-maintenance planetary reduction gears.
- Numerous rope outlet possibilities.
- Options available: rope-press roller, grooved drum, specific paint, drum length on request, phases detector, lower chassis, timer, tarpauline cover...

Technical characteristics of INDUSTRIA 1 t, FEM/ISO 1Am/M4 - 10 m/min, low voltage control with 1 speed

References	INDUSTRIA_1T_10
Capacity 1st layer kg	1255
Capacity top layer kg	1000
Nb of layers	3
Wire rope cap. 1st layer m	17
Max. rope capacity m	60
Wire rope Ø mm	8
Fixed speed 1st layer m/min	8.5
Fixed speed top layer m/min	10.5
FEM	1Am
Motor kW	2,2
Power	3Ph-230/400V
Weight (without wire rope) kg	150

Dimensions

References	INDUSTRIA_1T_10
A mm	911
B mm	290
C mm	375
D mm	Ø 125
E mm	350
F mm	525
G mm	240
H mm	Ø 12
I mm	25
J mm	23
K mm	263
M mm	120
N mm	748
O mm	578



Technical characteristics of the other models of the range

References	INDUSTRIA_1T_05BTS	INDUSTRIA_2T_09BT_	INDUSTRIA_1T_05BT_	INDUSTRIA_2T_05BTS	INDUSTRIA_2T_09BTS
	TOCK	LIGNE	LIGNE_STOCK	TOCK	TOCK
Capacity 1st layer kg	1255	2420	1255	2420	2420
Capacity top layer kg	1000	2000	1000	2000	2000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	17	20	17	20	20
Max. rope capacity m	60	71	60	71	71
Wire rope Ø mm	8	11,5	8	11,5	11,5
Fixed speed 1st layer m/min	4	8	4	4,5	8
Fixed speed top layer m/min	5	9,5	5	5,5	9,5
Adjustable speed 1st layer m/min					
Adjustable speed top layer m/min					
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	1,1	4	1,1	2,2	4
Power	3Ph-230/400V	3Ph-400V	3Ph-230/400V	3 Ph-400 V	3Ph-400V
Weight (without wire rope) kg	140	260	140	260	260

References	INDUSTRIA_3T_06BTS	INDUSTRIA_5T_07BT_	INDUSTRIA_1T_05BT	INDUSTRIA_1T_05VV	INDUSTRIA_1T_10BT
Capacity 1st layer kg	3765	6230	1255	1255	1255
Capacity top layer kg	3000	5000	1000	1000	1000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	17	17	17
Max. rope capacity m	59	60	60	60	60
Wire rope Ø mm	14	18	8	8	8
Fixed speed 1st layer m/min	4,5	6	4		8.5
Fixed speed top layer m/min	5,5	7,5	5		10.5
Adjustable speed 1st layer m/min				0,4-4	
Adjustable speed top layer m/min				0,5-5	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	4	9,2	1,1	1,1	2,2
Power	3Ph-400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	280	530	140	150	150

References	INDUSTRIA_1T_10VV	INDUSTRIA_1T_28VV	INDUSTRIA_2T_05BT	INDUSTRIA_2T_05VV	INDUSTRIA_2T_09BT
Capacity 1st layer kg	1255	1255	2420	2420	2420
Capacity top layer kg	1000	1000	2000	2000	2000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	17	17	20	20	20
Max. rope capacity m	60	60	71	71	71
Wire rope Ø mm	8	8	11,5	11,5	11,5
Fixed speed 1st layer m/min			4,5		8
Fixed speed top layer m/min			5,5		9,5
Adjustable speed 1st layer m/min	0,8-8,5	2,3-23		0,4-4,5	
Adjustable speed top layer m/min	1-10,5	2-28		0,5-5,5	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	2,2	5,5	2,2	2,2	4
Power	3Ph-230/400V	3Ph-230/400V	3 Ph-230/400 V	3Ph-230/400V	3Ph-230/400V

Weight (without wire rope) kg	155	210	260	270	260
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References	INDUSTRIA_2T_09VV	INDUSTRIA_2T_23VV	INDUSTRIA_3T_03BT	INDUSTRIA_3T_03VV	INDUSTRIA_3T_06BT
Capacity 1st layer kg	2420	2420	3765	3765	3765
Capacity top layer kg	2000	2000	3000	3000	3000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	20	20	16	16	16
Max. rope capacity m	71	71	59	59	59
Wire rope Ø mm	11,5	11,5	14	14	14
Fixed speed 1st layer m/min			2,5		4,5
Fixed speed top layer m/min			3,5		5,5
Adjustable speed 1st layer m/min	0,8-8	1,9-19		0,2-2,5	
Adjustable speed top layer m/min	0,9-9,5	2-23		0,3-3,5	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	4	9,2	2,2	2,2	4
Power	3Ph-230/400V	3Ph-400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	300	360	260	270	280

References	INDUSTRIA_3T_06VV	INDUSTRIA_3T_15VV	INDUSTRIA_4T_02BT	INDUSTRIA_4T_02VV	INDUSTRIA_4T_05BT
Capacity 1st layer kg	3765	3765	4985	4985	4985
Capacity top layer kg	3000	3000	4000	4000	4000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	16	16	16
Max. rope capacity m	59	59	60	60	60
Wire rope Ø mm	14	14	18	18	18
Fixed speed 1st layer m/min			2		3,5
Fixed speed top layer m/min			2,5		4,5
Adjustable speed 1st layer m/min	0,4-4,5	1,2-12		0,2-2	
Adjustable speed top layer m/min	0,5-5,5	1-15		0,3-2,5	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	4	9,2	2,2	2,2	4
Power	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	300	360	440	450	470

References	INDUSTRIA_4T_05VV	INDUSTRIA_4T_12VV	INDUSTRIA_5T_03BT	INDUSTRIA_5T_03VV	INDUSTRIA_5T_07BT
Capacity 1st layer kg	4985	4985	6230	6230	6230
Capacity top layer kg	4000	4000	5000	5000	5000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	16	16	16
Max. rope capacity m	60	60	60	60	60
Wire rope Ø mm	18	18	18	18	18
Fixed speed 1st layer m/min			2,5		6
Fixed speed top layer m/min			3		7,5
Adjustable speed 1st layer m/min	0,3-3,5	1-10		0,2-2,5	
Adjustable speed top layer m/min	0,4-4,5	1-12		0,3-3	
FEM	1Am	1Am	1Am	1Am	1Am

Motor kW	4	9,2	3	3	9,2
Power	3Ph-230/400V	3Ph-230/400V	3Ph- 230/400 V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	500	550	450	480	530

References	INDUSTRIA_5T_07VV	INDUSTRIA_5T_17VV	INDUSTRIA6T02BT	INDUSTRIA6T02VV	INDUS3M_A_6T_06BT
Capacity 1st layer kg	6230	6230	7480	7480	7480
Capacity top layer kg	5000	5000	6000	6000	6000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	16	16	16
Max. rope capacity m	60	60	60	60	60
Wire rope Ø mm	18	18	20	20	20
Fixed speed 1st layer m/min			1,5		5
Fixed speed top layer m/min			2		6
Adjustable speed 1st layer m/min	0,6-6	1,4-14		0,1-1,5	
Adjustable speed top layer m/min	0,7-7,5	1-17		0,2-2	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	9,2	9,2	3	3	9,2
Power	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	540	615	580	610	660

References	INDUSTRIA6T06VV	INDUSTRIA6T14VV	INDUSTRIA7T02BT	INDUSTRIA7T02VV	INDUSTRIA7T06BT
Capacity 1st layer kg	7480	7480	8725	8725	8725
Capacity top layer kg	6000	6000	7000	7000	7000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	15	15	15
Max. rope capacity m	60	60	60	60	60
Wire rope Ø mm	20	20	22	22	22
Fixed speed 1st layer m/min			1,5		4,5
Fixed speed top layer m/min			2		5,5
Adjustable speed 1st layer m/min	0,5-5,5	1,1-11		0,1-1,5	
Adjustable speed top layer m/min	0,6-6	1-14		0,2-2	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	9,2	15	3	3	9,2
Power	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	670	745	840	870	910

References	INDUSTRIA7T06VV	INDUSTRIA7T15VV	INDUSTRIA8T02BT	INDUSTRIA8T02VV	INDUSTRIA8T05BT
Capacity 1st layer kg	8725	8725	9975	9975	9975
Capacity top layer kg	7000	7000	8000	8000	8000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	15	15	15	15	15
Max. rope capacity m	60	60	60	60	60
Wire rope Ø mm	22	22	22	22	22
Fixed speed 1st layer m/min			2		4
Fixed speed top layer m/min			2,5		5
Adjustable speed 1st layer m/min	0,4-4,5	1,2-12		0,2-2	

Adjustable speed top layer m/min	0,5-5,5	1-15		0,3-3,5	
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	9,2	22	4	4	9,2
Power	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	920	1085	850	880	910

References	INDUSTRIA8T05VV	INDUSTRIA8T13VV	INDUSTRIA9T02BT	INDUSTRIA9T05BT	INDUSTRIA9T02VV
Capacity 1st layer kg	9975	9975	11120	11120	11120
Capacity top layer kg	8000	8000	9000	9000	9000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	15	15	16	16	16
Max. rope capacity m	60	60	62	62	62
Wire rope Ø mm	22	22	24	24	24
Fixed speed 1st layer m/min			1,5	4	
Fixed speed top layer m/min			2	4,5	
Adjustable speed 1st layer m/min	0,4-4	1-10			0,1-1,5
Adjustable speed top layer m/min	0,5-5	1-13			0,2-2
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	9,2	22	4	9,2	4
Power	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	920	1085	1160	1230	1190

References	INDUSTRIA9T05VV	INDUSTRIA9T13VV	INDUSTRIA10T03BT	INDUSTRIA10T05BT	INDUSTRIA10T03VV
Capacity 1st layer kg	11120	11120	12355	12355	12355
Capacity top layer kg	9000	9000	10000	10000	10000
Nb of layers	3	3	3	3	3
Wire rope cap. 1st layer m	16	16	16	16	16
Max. rope capacity m	62	62	62	62	62
Wire rope Ø mm	24	24	24	24	24
Fixed speed 1st layer m/min			2	3,5	
Fixed speed top layer m/min			2,5	4,5	
Adjustable speed 1st layer m/min	0,4-4,5	1,1-11			0,2-2
Adjustable speed top layer m/min	0,5-4,5	1-13			0,3-2,5
FEM	1Am	1Am	1Am	1Am	1Am
Motor kW	9,2	22	5,5	9,2	5,5
Power	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V	3Ph-230/400V
Weight (without wire rope) kg	1250	1415	1180	1230	1210

References	INDUSTRIA10T05VV	INDUSTRIA10T10VV	INDUSTRIA20T02VV
Capacity 1st layer kg	12355	12355	25200
Capacity top layer kg	10000	10000	20000
Nb of layers	3	3	3
Wire rope cap. 1st layer m	16	16	16
Max. rope capacity m	62	62	65
Wire rope Ø mm	24	24	32
Fixed speed 1st layer m/min			

Fixed speed top layer m/min			
Adjustable speed 1st layer m/min	0,3-3,5	0,8-8	0,1-1,9
Adjustable speed top layer m/min	0,4-4,5	1-10	0,2-2,4
FEM	1Am	1Am	1Bm
Motor kW	9,2	22	9,2
Power	3Ph-230/400V	3Ph-230/400V	3Ph-400V
Weight (without wire rope) kg	1250		2200



HUCHEZ's advice

These compact winches satisfy the needs of the industrial sector. Mobile tie-rods according to the rope outlet.
Numerous options available.



HUCHEZ
4, rue Michel HAMMID
60420 FERRIERES – France
+33 (0) 3 44 51 11 33
www.huchez.com
contact@huchez.fr



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