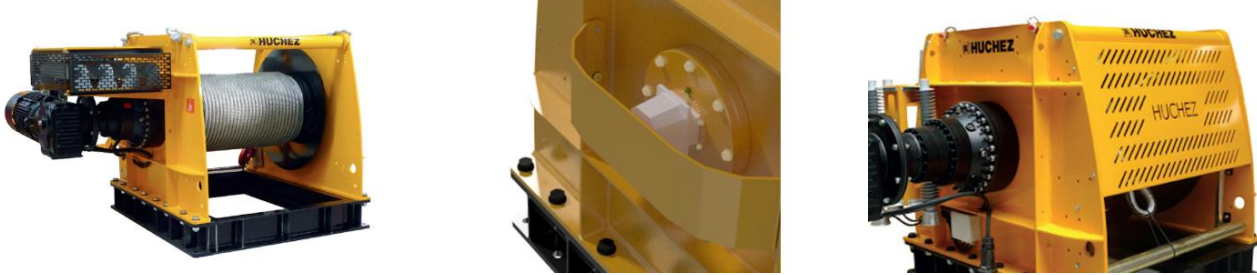


KOLOSS 20 t - 5 m/min - 160 m of rope



Electric winch 20000 kg. Range of electric winches with large winding capacities designed for lifting and pulling applications of very heavy loads.

Use:

- Lifting and pulling/traction operations
- Industry
- Construction and Public works
- Cofferdam lifting winch...

Made in France. Comply with 2006/42/EC Machine Directive.

Technical properties

- Robustness and reliability of HUCHEZ mechanical parts.
- Steel mechano-welded chassis shot blasted and painted.
- IP 55 Protection.
- Asynchronous motor. IP 55 protection.
- Automatic lack of current brake.
- Three phase 400 V - 50 Hz power.
- Bottom frame, control box and braking resistors mounted on the winch, electronic load limiter included.
- Low voltage control (VV) ensuring user protection against electrical risks. In addition to these advantages of very low voltage, the VV control allows variation of the winding speed, smooth starts and stops.
- Reliability of electrical and electronics components.
- 3 buttons pendant control (Up - Down - Emergency stop) not removable with potentiometer (10 m long control cable). Located in a sealed protective box fixed to the control box.
- Length of drum: 1100 mm.
- Many wire rope exits and options possible (pressure type press roller, marine paint, radio control...): consult us.

Technical characteristics of KOLOSS 20 t - 5 m/min - 160 m of rope

| References | KOLOSS20VV5 |
|----------------------------------|-------------|
| Capacity 1st layer kg | 25000 |
| Capacity top layer kg | 20000 |
| Nb of layers | 3 |
| Wire rope cap. 1st layer m | 45 |
| Max. rope capacity m | 160 |
| Wire rope Ø mm | 32 |
| Adjustable speed 1st layer m/min | 0,5-4,5 |
| Adjustable speed top layer m/min | 0,6-5,6 |
| FEM | 1Bm |
| Motor kW | 22 |
| Power | 3Ph-400V |
| Weight kg | Consult us |

Dimensions

| References | KOLOSS20VV5 |
|------------|-------------|
| A mm | 2447 |
| B mm | 1905 |
| C mm | 1560 |
| D mm | Ø 470 |
| E mm | 1100 |
| F1 mm | 1529 |
| F2 mm | - |
| G1 mm | 240 |
| G2 mm | 700 |
| G3 mm | 1200 |
| G4 mm | 1600 |



Technical characteristics of the other models of the range

| References | KOLOSS12DVV9 | KOLOSS12DVV21 | KOLOSS15VV7 | KOLOSS15VV17 | KOLOSS17DVV6 |
|----------------------------------|--------------|---------------|-------------|--------------|--------------|
| Capacity 1st layer kg | 20700 | 20700 | 20700 | 20700 | 25000 |
| Capacity top layer kg | 12000 | 12000 | 15000 | 15000 | 17000 |
| Nb of layers | 7 | 7 | 4 | 4 | 5 |
| Wire rope cap. 1st layer m | 50 | 50 | 0,6-5,5 | 45 | 50 |
| Max. rope capacity m | 520 | 520 | 0,8-7,7 | 240 | 340 |
| Wire rope Ø mm | 26 | 26 | 28 | 28 | 30 |
| Adjustable speed 1st layer m/min | | 1-10,6 | 45 | 1-10,7 | 0,5-4,4 |
| Adjustable speed top layer m/min | | 1,8-18,3 | 240 | 1,4-14,8 | 0,7-6,6 |
| FEM | 1Bm | 1Bm | 1Bm | 1Bm | 1Bm |
| Motor kW | 22 | 37 | 22 | 37 | 22 |
| Power | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V |
| Weight kg | | Consult us | Consult us | Consult us | Consult us |

| References | KOLOSS17DVV14 | KOLOSS20VV5 | KOLOSS20VV12 | KOLOSS20DVV4 | KOLOSS20DVV8 |
|----------------------------------|---------------|-------------------|--------------|--------------|--------------|
| Capacity 1st layer kg | 25000 | 25000 | 25000 | 31000 | 31000 |
| Capacity top layer kg | 17000 | 20000 | 20000 | 20000 | 20000 |
| Nb of layers | 5 | 3 | 3 | 6 | 6 |
| Wire rope cap. 1st layer m | 50 | 45 | 45 | 50 | 50 |
| Max. rope capacity m | 340 | 160 | 160 | 440 | 440 |
| Wire rope Ø mm | 30 | 32 | 32 | 32 | 32 |
| Adjustable speed 1st layer m/min | 0,8-8,6 | 0,5-4,5 | 0,8-8,6 | 0,3-2,5 | 0,5-4,9 |
| Adjustable speed top layer m/min | 1,2-12,7 | 0,6-5,6 | 1-10,8 | 0,4-4 | 0,7-7,6 |
| FEM | 1Bm | 1Bm | 1Bm | 1Bm | 3Ph-400V |
| Motor kW | 37 | 22 | 37 | 22 | 37 |
| Power | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V | 1Bm |
| Weight kg | Consult us | Consult us | Consult us | On request | On request |

| References | KOLOSS25VV3 | KOLOSS25VV7 | KOLOSS25DVV4 | KOLOSS25DVV9 | KOLOSS30VV3 |
|----------------------------------|-------------|-------------|--------------|--------------|-------------|
| Capacity 1st layer kg | 31000 | 31000 | 41000 | 41000 | 43000 |
| Capacity top layer kg | 25000 | 25000 | 25000 | 25000 | 30000 |
| Nb of layers | 3 | 3 | 6 | 6 | 4 |
| Wire rope cap. 1st layer m | 45 | 45 | 45 | 45 | 40 |
| Max. rope capacity m | 160 | 160 | 400 | 400 | 220 |
| Wire rope Ø mm | 36 | 36 | 36 | 36 | 40 |
| Adjustable speed 1st layer m/min | 0,3-2,5 | 1Bm | 0,3-2,5 | 0,5-4,8 | 0,3-2,5 |
| Adjustable speed top layer m/min | 0,4-3,2 | 0,5-4,9 | 0,5-4,1 | 0,8-8 | 0,4-3,6 |
| FEM | 1Bm | 0,6-6,2 | 1Bm | 1Bm | 1Bm |
| Motor kW | 22 | 37 | 22 | 37 | 22 |
| Power | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V |
| Weight kg | On request | On request | On request | On request | On request |

| References | KOLOSS30VV8 | KOLOSS30DVV3 | KOLOSS30DVV8 | KOLOSS35VV3 | KOLOSS35VV7 |
|----------------------------------|-------------|--------------|--------------|-------------|-------------|
| Capacity 1st layer kg | 43000 | 50000 | 50000 | 50000 | 50000 |
| Capacity top layer kg | 30000 | 30000 | 30000 | 35000 | 35000 |
| Nb of layers | 4 | 6 | 6 | 4 | 4 |
| Wire rope cap. 1st layer m | 40 | 40 | 40 | 40 | 40 |
| Max. rope capacity m | 220 | 390 | 390 | 210 | 210 |
| Wire rope Ø mm | 40 | 40 | 40 | 42 | 42 |
| Adjustable speed 1st layer m/min | 0,5-4,8 | 0,3-2,3 | 0,5-4,6 | 0,3-2,3 | 0,5-4,5 |
| Adjustable speed top layer m/min | 0,7-7 | 0,4-3,8 | 0,7-7,4 | 0,4-3,3 | 0,6-6,3 |
| FEM | 1Bm | 1Bm | 1Bm | 1Bm | 1Bm |
| Motor kW | 37 | 22 | 37 | 22 | 37 |
| Power | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V | 3Ph-400V |
| Weight kg | On request | On request | On request | On request | On request |



HUCHEZ's advice

Strong points: Winches with large winding capacities, robustness, many options possible.



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Für weitere Informationen können Sie sich gerne an uns wenden!