

# DROUAIRE

L'EXCELLENCE POUR VOS CÂBLES

## BOBICAB 2A

Winding on coils  
Winding on reels



Made in  
FRANCE



Certified  
Compliant



MID  
Approval



More info

[www.drouaire.com](http://www.drouaire.com)



Electrically  
controlled  
hydraulic jack



Layering  
unit



HMI Programmable  
counter and control



Removable  
coiling head

# Winder for cable drums Ø 1050 max. and coils

For the storage of flexible cables Ø 30 mm  
max Winding on coiling head or cable drum

# BOBICAB 2A

## □ Presentation

- Wide, compact, mechanically-welded chassis, fitted with 4 wheels including 2 pivoting wheels; highly maneuverable.
- On the control panel, the 2 wheels are fitted with brakes to immobilize the winder during cable winding.
- Hydraulic jack for raising and lowering the arm supporting the cable drum or coiling head.
- On HMI (Human Machine Interface), control for raising and lowering the cable drum.
- Hydraulic system integrated in the chassis.
- Anti-return compressor valve for safety in case of hose rupture.
- Cable drum held on an overhanging shaft with catch plate drive.
- Fixed coiling head in place of the cable drum on the shaft.
- Sliding safety case for the protection of third parties.

## □ Use

### Cable drum

- Max. external diameter : 1050 mm.
- Drum hole : 42 mm and 82 mm.
- Maximum width : 710 mm overall.
- Maximum cable drum weight : 300 kg.

### Coiling head

- Fixed coiling head, quick to dismantle.
- Internal diameter : 350 mm (adjustable, up to 540 mm).
- Outer diameter : 900 mm.
- Width adjustable from 100 to 250 mm.
- Max. weight : 80 kg.
- Conical inside shaft with cut-out blade for tying.
- Quick cable-blocking mechanism with jam cleat, under a spoke on the coiling head.
- Movable external flange, quick to dismantle.
- Variable rotation speed from 0 to 80 rpm.

## □ Drive - Motorisation

- 0.75 kW asynchronous gear motor lenze with electronic frequency variator, for a speed up to 0 at 80 rpm.
- Drive system by a pin in the flange of the drum.
- Integrated acceleration ramp.
- Quick stop function on winding mechanism, operated by emergency stop button or triggered by a power cut.

## □ Layering unit

- The movable trolley allows cable layering with adjustable wire guides to 4 adjustable rolls on entry and exit.
- Winding allowing high-speed winding then slowing before stopping automatically at the pre-selected length on HMI
- Calibrated measuring wheel: 2 turns = 1 meter.
- Two-direction precision encoder for reliable, precise counting. Mounted on the measuring wheel support.
- New system with spring on the measuring wheel for better precision.

## □ Safety: Sliding protective shield

For accessible area by persons other than the machine operator:

- Extra security with a sliding protective shield.
- Fitted with an encoded magnetic security detector.
- Operation in open position is prohibited.

## □ Electrical Equipment

Integrated on the chassis:

- 1 socket 230V + Earth 16 A P17.
- 1 electronic infinitely variable speed transmission Schneider.
- 1 PLC (Programmable Logic Controller) Schneider.
- Wattage: 2 kW.
- Voltage: 230 V mono 50 Hz + earth.

## □ Control panel

- 1 "start" button.
- Color 4.3" HMI (Human Machine Interface).
- Cut history of the 3 last months.
- Cut-counting integrated in HMI.
- 1 emergency stop button.
- Winding subject to constant pressure on button (EC safety guidelines).

## □ Accessories

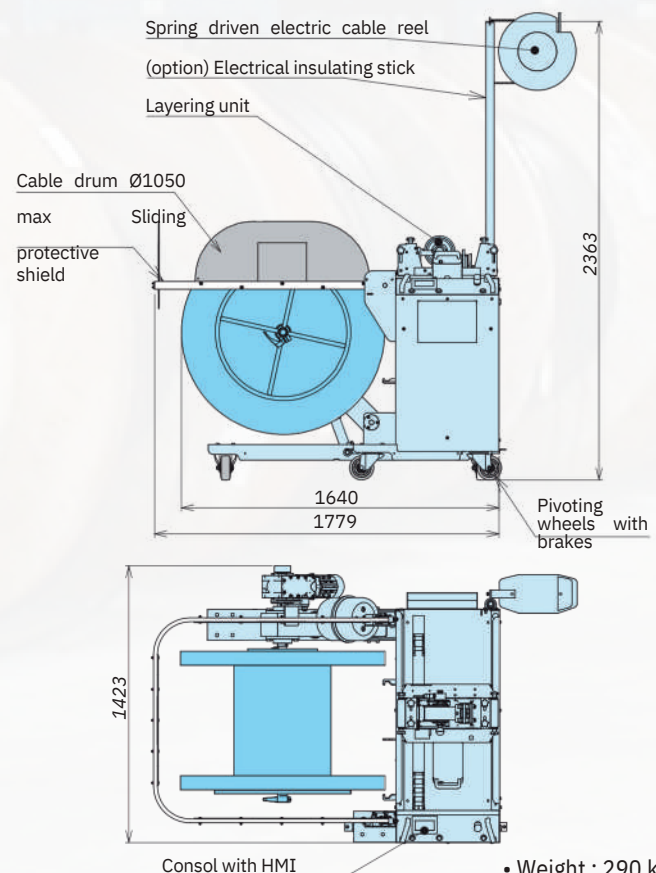
- Electrical insulating stick.
- String box with integrated cutter.

## □ Paint

- RAL Blue 5010 and Orange 2008.

## Option: Hydraulic cable cutter

- Cable cutter with hydraulic shear, 40 mm capacity.
- Bi-manual synchronous control using 2 buttons on the control panel (EC safety regulations).



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