

# DROUAIRE

L'EXCELLENCE POUR VOS Câbles

## DEBICAB 2A

A single winder for 2 applications

Winding on coils

Winding on reels Ø600



**Made in  
FRANCE**



**Certified  
Compliant**

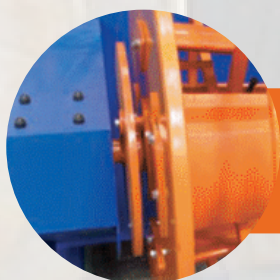


**MID  
Approval**



**More info**

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



**Removable  
coiling head**



**Layering  
unit**



**HMI Programmable  
counter and control**

# Winder for small cable drums Ø 600 max. and coils

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

# DEBICAB 2A

## Presentation

- Wide, compact, mechanically-welded chassis, fitted with 4 wheels including 2 braking pivotal wheels.
- At control post, the 2 pivoting wheels are fitted with brakes to immobilize the winder during cable winding.
- Winding on an overhanging shaft Ø 40, as selected :
  - - coils on a coiling head.
  - - cable drums Ø 600 max.
- Sliding protective shield for the protection of third parties.

## Coiling head

- Internal diameter : 350 mm (adjustable).
- Outer diameter : 700 mm (flanges).
- Adjustable width from 50 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.

## Wind on cable drums Ø 600 mm max

- Wind on cable drum by removing the coiling head from the main shaft using a quarter-turn handle (quick and easy).
- With a manually-adjustable catchplate depending on the drum.
- Shaft diameter : 40 mm with the centering cone on the positioning flange.
- Max. drum width : 560 mm.
- Max. weight : 80 kg.

## Motorisation

- 0.75 kW asynchronous gear motor with electronic frequency variator, for a speed up to 60 rpm.
- Lenze motor and Schneider variator.
- Integrated acceleration ramp.

## Layering unit

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

## Control panel

- 1 "start" button.
- Color 4.3" HMI (Human Machine Interface) for counter and controls.
- Cut history of the last 3 months.
- Cut counter integrated in HMI.
- 1 emergency stop button.
- Winding subject to constant pressure on button (EC Safety Guidelines).
- MID Compliant.

## 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

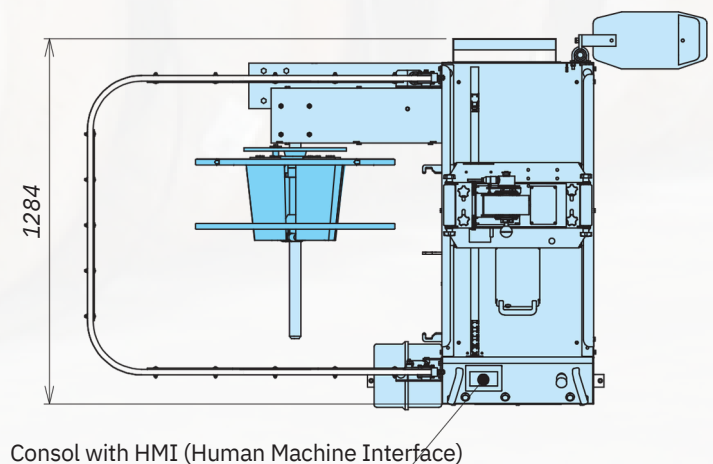
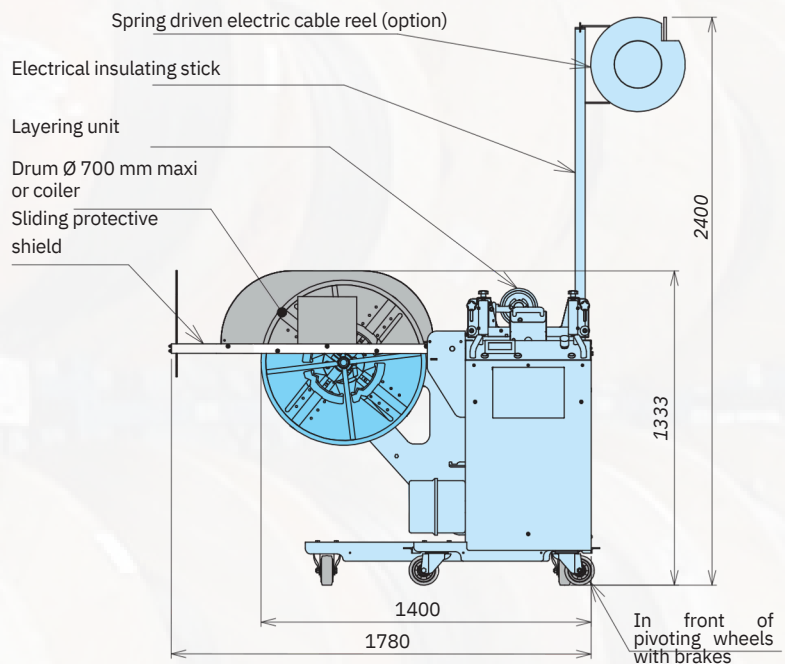
- Integrated in the chassis:
- 1 socket 230V + Earth 16 A P17.
- 1 electronic frequency variator.
- 1 PLC (Programmable Logic Controller) Schneider.
- Wattage: 2 kW.
- Voltage: 230 V mono 50 Hz + earth.

## Accessories

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

## Paint

- RAL Blue 5010 and Orange 2008.



• Weight : 250 kg.

DROUAIRE & FILS S.A.S.

47160 Villefranche-du-Queyran - FRANCE

Tél. : +33 05 53 88 70 87

[contact@drouaire.com](mailto:contact@drouaire.com) - [www.drouaire.com](http://www.drouaire.com)