

# For Winding Up Round Strands and Hoses

Brabender: Winder



# Brabender Winder

The winder closes your extrusion line by winding up the extrudate.

The Winder can be used as a downstream unit in any extrusion line for taking off and winding up round strands and hoses made of different materials such as elastomers, thermoplastic elastomers or thermoplastics.

This opens up a wide range of applications:

- Production and simulation
- Quality analysis
- Recipe sampling for further analyses, e.g. for tensile strength
- Product development, e.g. filament production for 3D printing
- Wire coating
- Storage
- Production of reference samples
- Process simulation
- Quality control in production and incoming and outgoing goods

## Technical data

- |                             |                                    |
|-----------------------------|------------------------------------|
| • oil location hole         | 16 - 305 mm (from 60 mm with rim)  |
| • Coil core diameter        | 60 - 310 mm                        |
| • Coil flange diameter      | max. 400 mm                        |
| • Coil width                | max. 200 mm                        |
| • Coil weight               | max. 15 kg gross                   |
| • Diameter of round strands | 0,5 - 4 mm                         |
| • Diameter of hoses         | 0,5 - 12 mm                        |
| • Haul-off speed            | 0,2 - 20 m/min                     |
| • Dimensions (W x H x D)    | 705 x 1600 x 1200 mm               |
| • Weight                    | ca. 120 kg                         |
| • Mains connection          | 3 x 400 V + N + PE, 50/60 Hz, 16 A |



Winder with TwinLab-C and water bath

## Highlights

### Scalable concept:

- The Brabender Winder first of all stands out for its modular and compact design allowing to vary between roll or belt haul-off and providing supports for various types of coils.

### Advantages:

- Flexible and easy retrofitting of roll to belt haul-off or vice versa
- Precise setting of the haul-off speed
- Adjustable distance between haul-off and oscillating unit
- Ergonomic control panel
- Easy integration in existing
- Brabender extruder software

### Usage:

- Universally compatible regardless of manufacturer
- Modularly designed for different applications
- Flexibly convertible and adjustable