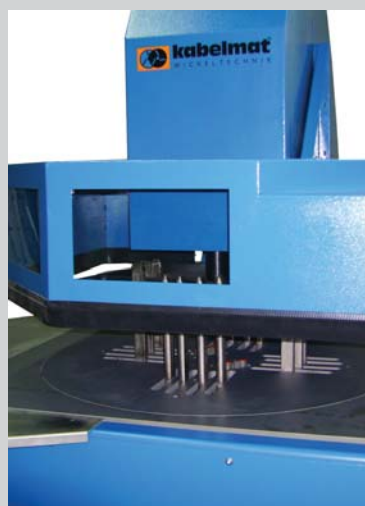
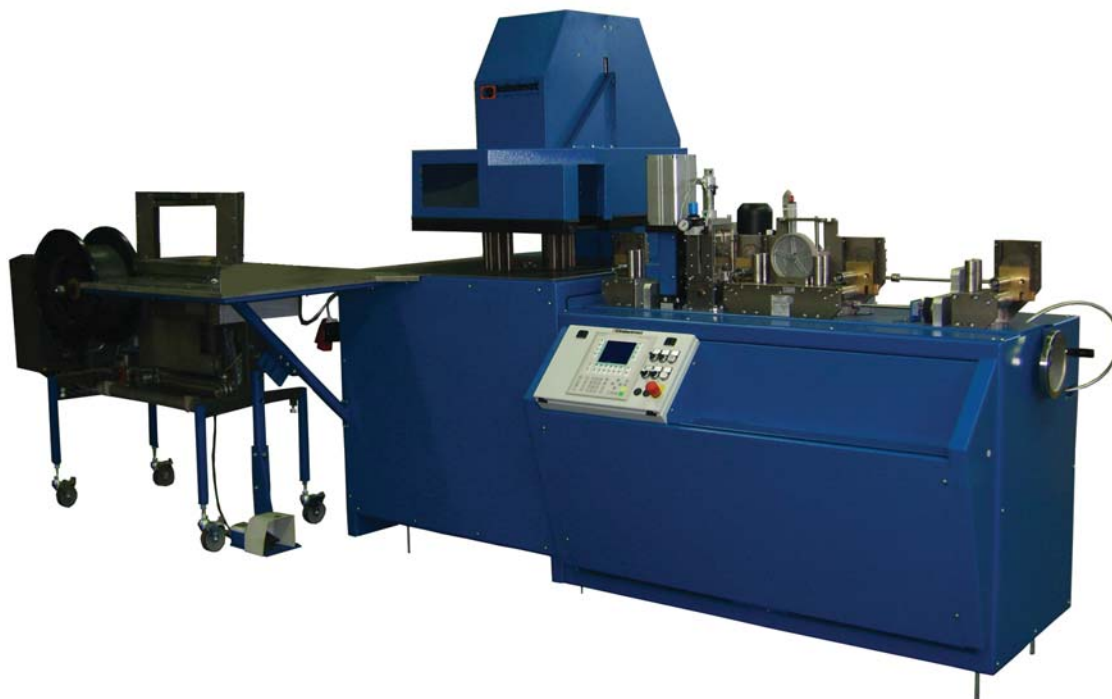


# Semi-automatic coil winding machine

## RINGROL 800



### RINGROL 800

This semi-automatic coil winder allows to wind materials such as cables, tubes etc. onto coils. Simultaneously, the material can be measured and cut to length. The mounted extension unit with automatic traversing drive is provided for the installation of a length measuring device (additional equipment), a material cutter or a feeder unit.

The machine works semi-automatically, the cable catch is manually fed into the winding core. The machine winds the coil automatically and stops upon reaching the pre-selected length. Afterwards, the wound coil is pushed to the desk of a binding device (accessories) by the operator in order to be wound finally. kabelmat®-drum storage racks are suitable for the direct winding.

### DETAILS ON THE BACK SIDE

### Technical Data:

Winding plate diameter	800 mm
Core diameter	300 - 550 mm infinitely variable
Winding height	50 - 200 mm infinitely variable
Operating height	1075 mm (+/25 mm)
Coil weight	max. 70 kg
Rotation speed	0 - 250 rpm continuously adjustable
Line speed	max. 250 m/min

### Electrics/Electricity:

Electrical connection	230 / 400 V
Frequency	50 Hz
Control voltage	24 V DC
Drive winding device	3,0 kW
Connection power	5,5 kW

Winding up | Unwinding | Rewinding | Measuring | Cables | Wires | Ropes | Tubes | Hoses

# Semi-automatic coil winding machine

## RINGROL 800

**RINGROL 800**  
Semi-automatic coil winder  
in horizontal construction

### Basic equipment:

- Painted, solid steel profile frame to be screwed on the ground
- Protective hood is pneumatically opened and closed at a push of a button
- Protective hood with safety switch integrated in the machine
- Horizontal winding desk with built-in winding plate
- Winding core pneumatically adjustable
- Infinitely variable core diameter
- Counter plate adjustable to coil width by push of a button
- Pneumatically liftable counter plate
- Traversing slide provided for additional units such as length measuring device, material cutter, feeders and guidances
- Automatic servo drive for traversing slides
- Traversing speed automatically adapts to rotation speed (synchronization)
- Winding drive by AC gear motor with infinitely variable speed control as well as speed control via potentiometer adjustable in control desk
- Easy-to-handle control and operating centre in the working area with emergency-stop button, provided for the installation of a pre-selection counter
- Operating panel Siemens OP-177 incl. keyboard and small screen showing the operating state and fault indications and also serving for the input of operating parameters, suitable for max. 99 data records
- Electrical switch cabinet installed in the machine
- Electrical connection via strip terminal in switch cabinet
- Operating side: on the left (in winding direction)

### Requested equipment:

- **MESSBOI 80** Length measuring device for winding material of an outer diameter of up to 80 mm, with optionally selectable central adjustment of the guide rollers
  - Measuring accuracy +/- 0,4 % (with additional inlet and outlet rollers)
  - German approval for calibration available
  - Pre-selection counter with disconnecting contact of the drive
- Optional:
  - Mass storage for pre-selection counter for reading data in and out when trading with goods liable for calibration
- **Pneumatically operated cutting unit** for cutting the winding material
- **Material feeder** allows to put the cable quickly in the winding unit
- **INKJET Printer** in order to print phrases or figures onto the cable
- **Binding unit** for wound coil mountable at the machine



Consult us about your special applications.

Winding up

Unwinding

Rewinding

Measuring

Cables

Wires

Ropes

Tubes

Hoses