

PORTROL 1000 / 1400 AUF

Pintle winder for coils and drums

Cut at the touch
of a button

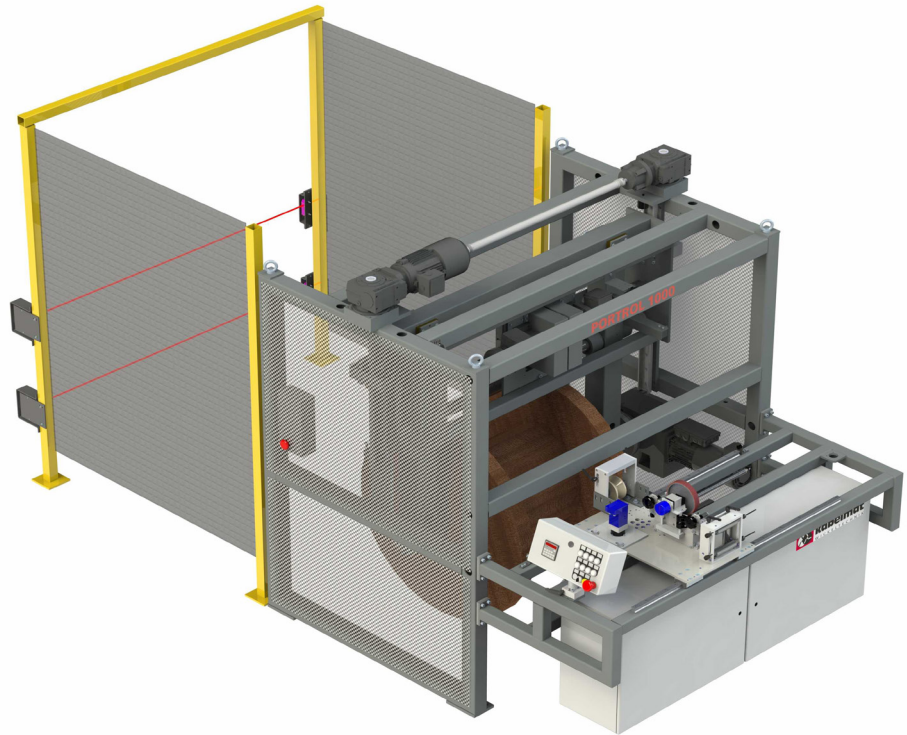


Fig. 1 PORTROL 1000 AUF

PORTROL 1000 / 1400 AUF

- Pintle winder for drums and coils

Functionality:

This motor driven pintle winder is suitable for winding goods, such as cables, hoses, steel ropes etc. onto coils or empty drums and, simultaneously, measuring and cutting them to length by making use of adequate accessories.

Upon opening the protective door the empty drum is rolled to the place of loading in order to be wound. By push of a button, the previously opened pintle arms are first moved together and then to the appropriate height for take-over. The pintles clamp the drum. Then the drums are lifted to winding position where they can be rotated forwards or backwards manually at the operating desk. Prior to the automatic winding of the material its cutting length is adjusted on the keyboard of the Kabelmat pre-selection counter LC MID. The pre-selected length is wound during automatic winding operation and the drive stops also automatically as soon as the requested length is reached. Smooth start and stop of the drive according to the adjusted ramps. Additional creep speed function in the pre-selection counter to be adjusted once. Upon cutting and fixing the end of the winding material, the ready wound drum is lowered by push of a button, rolled out of the machine and taken away.

Technical data	PORTROL 1000 AUF	PORTROL 1400 AUF
Part No.	6198.000	6251.000
Drum-Ø	400 - 1000 mm	400 - 1400 mm
Distance between the cones	max. 780 mm	max. 1050 mm
Drum weight	max. 900 kg	max. 2000 kg
Winding speed	max. 120 min ⁻¹	max. 120 min ⁻¹
Traversing width	approx. 700 mm	approx. 1050 mm
Inlet height of winding material	approx. 1030 mm	approx. 1130 mm
L x W x H	1530 x 2200 x 2100 mm	2300 x 2400 x 2500 mm
Colour housing	RAL 7005 mouse grey	RAL 7005 mouse grey
Weight	approx. 1200 kg	approx. 1400 kg

Max. winding material-Ø depending on the characteristics of the winding material.

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Basic equipment:

- Solid steel profile frame to be screwed on the floor
- Manually operated laying slide, prepared to accommodate additional equipment such as length measuring devices, material cutters as well as an automatic laying device
- Very simple and easy material holding fixture with electric motor operated centre sleeve arms
- The functions lifting / lowering as well as clamping / opening of the centre sleeves at the push of a button
- Various slip-on cones for the borehole of the drum core
- Control panel with emergency stop button is ergonomically integrated in the base frame
- Additional control panel for operating the traversing functions and positioning the quill arms, as well as emergency stop function in the reel-in area of the drum
- CE conformity declaration according to machinery directive 2006 /42 / EG
- Switch cabinet integrated in the machine frame
 - Main Switch
 - Speed regulation steplessly adjustable with soft starting and soft running
- Right to left running of the winding drive in inching operation
- **Roller cages** before and behind the length measuring unit, easily adjustable to match the material.
Various models available depending on the requirements
- **Length measuring device MESSBOI 40 LC / LC-MID, MESSBOI 40 B LC / LC-MID or MESSBOI 80 LC / LC-MID**
 - Error limit, accuracy class III with additional inlet and outlet roller cages + / - 0,5 %
 - Pre-selection counter with disconnecting contact of the drive

Recommended equipment:

- **Automatic traversing** consisting of gear motor with speed controller. Traversing can be moved to any position via joystick. This is important for the starting position of the winding drive. The motion reversing points can be stored via reference keys during machine downtime but also during winding operation. In usage of round winding materials the traversing pitch adapts automatically via diameter detection, but is also adjustable via rotary potentiometer during the winding operation. In case of winding flat material there is no diameter detection function. The traversing pitch has to be adjusted continuously via rotary potentiometer during the winding operation. The traversing speed automatically adapts to the winding speed (synchronization). The complete traversing drive can be disengaged for manual traversing.
- **Pneumatic or hydraulic operated cutting system** for cutting the winding material
- **Roller feed** in support of cutting process and in connection with pneumatic cutting device for additional operation mode "Cut to length without winding process"
- **Coiler head** for winding of coils.
Various models available
- **Conformity assessment / MID (formerly first calibration)**
 - **Automatic storage** of the cutting data
 - **Label printer** with interface to the preselection counter
 - **Conformity assessment** to module F (in accordance with the European Measuring Instruments Directive 2014/32/EU) of the length measuring device with additional inlet and outlet roller cages by the German calibration authority. **Valid for a period of two years** for all member states of the EEA. The assessment is carried out in the manufacturer's factory. **Calibration after two years is required**, but is not included in the scope of delivery. Note: Conformity assessment according to module F (formerly first calibration) is required when the **customer is not present** during the cutting of the material (cables ect.). **Required:** Storage of the cutting data and documentation on the business records.

Further auxiliary equipment on request