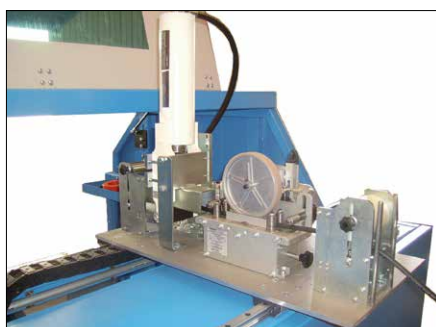




**Fig. 1** UMROL 1000 AUF



Example with coiler head



**Fig. 2** Traversing unit



**Fig. 3** Winding processing



**Fig. 4** UMROL 1000 AUF drum reception via spindle sleeves

### UMROL 1000 AUF

This motor driven coil and drum pintle winders are suitable for winding goods, such as cables, tubes, hoses, steel ropes, plastic profiles etc. onto coils, spools or drums and simultaneously, measuring and cutting-to-length.

#### Technical Details

Drum-Ø	400 - 1000 mm (DIN 46391)
Drum width	120 - 710 mm
Drum weight	max. 600 kg
Standard drives (special speed on request)	75 min <sup>-1</sup> (2,2 kW) or 130 min <sup>-1</sup> (4,0 kW)
Inlet height of winding material	1230 mm
Traversing width	abt. 700 mm
Pass-through direction	right to left
L x W x H	abt. 2135 x 1770 x 2245 mm
Weight	abt. 1100 kg

## Pintle winder for coils and drums

### Basic equipment:

- Steel profile frame with two brakable steering rollers and two fixed rollers or stationary design: to be screwed on the ground
- Grips for moving the machine
- Manually operated traversing slide provided for the installation of additional devices such as length measuring devices, material cutters as well as an automatic traversing unit
- Easy-to-handle and convenient drum loading with pintle arms driven by electric motor
- The functions lifting/lowering and tightening/releasing of the pintles are activated by push of a button
- Different cones for drum core drilling are insertable
- Holding fixture for coiler heads (quick-change system)
- The control panel with emergency switch is integrated in the base frame
- Additional control panel for positioning of the pintle arms, drum driver and emergency stop function
- Winding drive via geared motor with infinitely variable speed control and smooth starting of the machine
- Right-left handed rotation of the winding drive within the jogger operation mode
- Protective cover for UMROL (required for CE)

### Recommended equipment:

- **Roller cages** before and after the length measuring device with adjustable ball beared rollers made of stainless steel requested for the calibration of the measuring devices
- **MESSBOI 40 BVE length measuring device** with pre-selection counter for winding material with an outer diameter of up to 40 mm.
  - Error limit (with inlet and outlet roller cages)  $\pm 0,5 \%$
  - MID-/Calibratable for round cable line speed up to 200 m/min
  - Conformity certification of the length measuring device is approved by German Authorities for a period of two years valid in Europe.
  - Preselection counter with disconnecting contact of the winding drive
- **Manually, pneumatically or hydraulically operated cutting device** for cutting the winding material
- **Automatic traversing** consisting of geared motor with rotation speed controller. Traversing can be moved to any position via joystick within the set-up mode. This is important for the starting position of the winding drive. The motion reversing points can be stored by means of reference keys during standstill of the machine but also during winding operation. Traversing speed adapts automatically to the winding speed (synchronization). The complete traversing drive can be unlatched for manual traversing.
- **Coiler head RAPID 800 SL** for coil winding, insertable into the coiler head acceptance, centrally and infinitely adjustable winding core diameter, with four binding slots and four winding core segments,
  - Coiler diameter of winding material: up to 800 mm;
  - Core adjusting range: 300 - 550 mm;
  - Coiling width: 20 - 250 mm
  - Adapter for coiler head RAPID 800 SL, for quick and easy mounting of the coiler head to a kabelmat® UMROL rewinder.
- **frictionally engaged drum driver** with sleeve for easy loading of the drum without carrier bolts.  
Consisting of two carriers for both pintle arms; cylindric drum loading

### More extra attachment on request