

# PORTROL 1000 / 1400 ABW

## Pintle unwinder for drums

### Drum unwinder with material accumulator

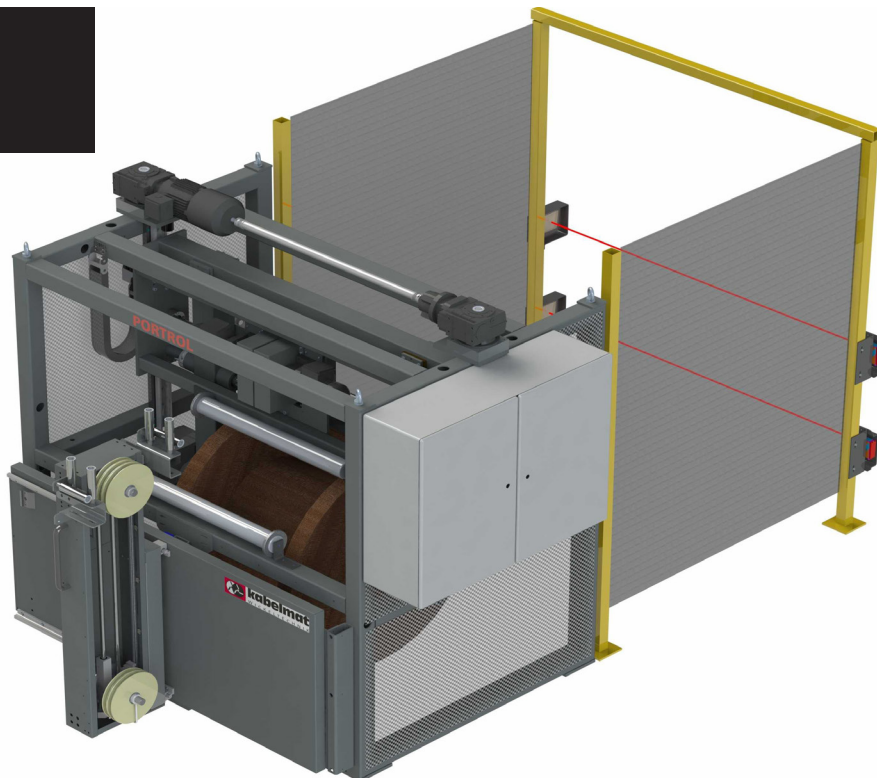


Fig. 1 PORTROL 1000 AB

## PORTROL 1000 / 1400 ABW

- Pintle unwinder for drums

### Functionality:

This portal-type winder is suitable as individual machine or can be used in complete processing lines. The drum attachment is time-saving and safe due to spindle sleeves. The drum is rolled to the loading place. The previously opened centre sleeve arms are then moved together to the corresponding take-over position by the operator's push of a button. When the drum is clamped by the centre sleeves the same move upwards in winding position. On the operating panel the drum can be turned forward and backward in manual operation. When operating in a line, the unwinder (Pay-off) is then automatically controlled. A prerequisite for this is that there is no person or object in the access area of the safety light barriers. The speed is controlled by a dancer roller or a material buffer ACUMATIC as well as optionally by the additional preset nominal value. This takes into account the corresponding high time or elapsed time resp. as well as the line speed. This ACUMATIC is available in different types and sizes. It controls the speed of an unwinder according to the start and brake cycles and serves also as bridgeover of short standstill periods of a winding line. The ACUMATIC is particularly required for tension-sensitive materials. However, tension-sensitive materials can also be coiled directly using the additional operating mode "closed-loop torque control".

Technical data	PORTROL 1000 ABW	PORTROL 1400 ABW
Part No.	6197.000	6250.000
Drum-Ø	400 - 1000 mm	400 - 1400 mm
Distance between centres with cones	max. 750 mm	max. 1050 mm
Drum weight	max. 900 kg	max. 2000 kg
Winding drive	max. 120 min <sup>1</sup>	max. 120 min <sup>1</sup>
L x W x H	1530 x 2200 x 2100 mm	1860 x 2420 x 2500 mm
Weight	approx. 900 kg	approx. 1200 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
- Drum carried by pintles with easily exchangeable cones incl. on one-side mounted impeller and movable carrier bolts
- Easy-to-handle and convenient drum loading with pintle arms driven by electric motor
- The pintles move together and allow the use of very narrow spools
- The functions lifting / lowering and tightening / releasing of the pintle arms are activated by push of a button
- The control panel for loading of the winders is installed in the drum roll-in area (on motor side)
- Switch cabinet implemented in the machine
- Electrical connection via CEE coupler plug at the switch cabinet
- Operator's stand on the left side of the machine (pass-through direction of the winding material), optionally on the right side
- safety equipment required for CE (selectable systems)
  - Protection door for PORTROL (foldable design)
  - Safety fence with two super-imposed safety light barriers

### Recommended equipment:

- **Speed-controlled gear motor** depending on technical specifications
- **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.
- **ACUMATIC, material accumulator / dancer**
- **Instantaneous regulation of winding drive**