

# Film wrapping machine VRM 30

Overwrapping machine for phone cards and similar products



## Applications:

- Phone cards, chip cards, CD card, and other flat products in the credit card format (85 x 55 mm)

## Types of wrapping:

- Overwrapping of phone cards as individual cards or bag chains from an upstream VMC 100/105 machine.
- Phone cards with or without brochure
- Individual cards completely sealed or open on the narrow side (sleeve)

## Function:

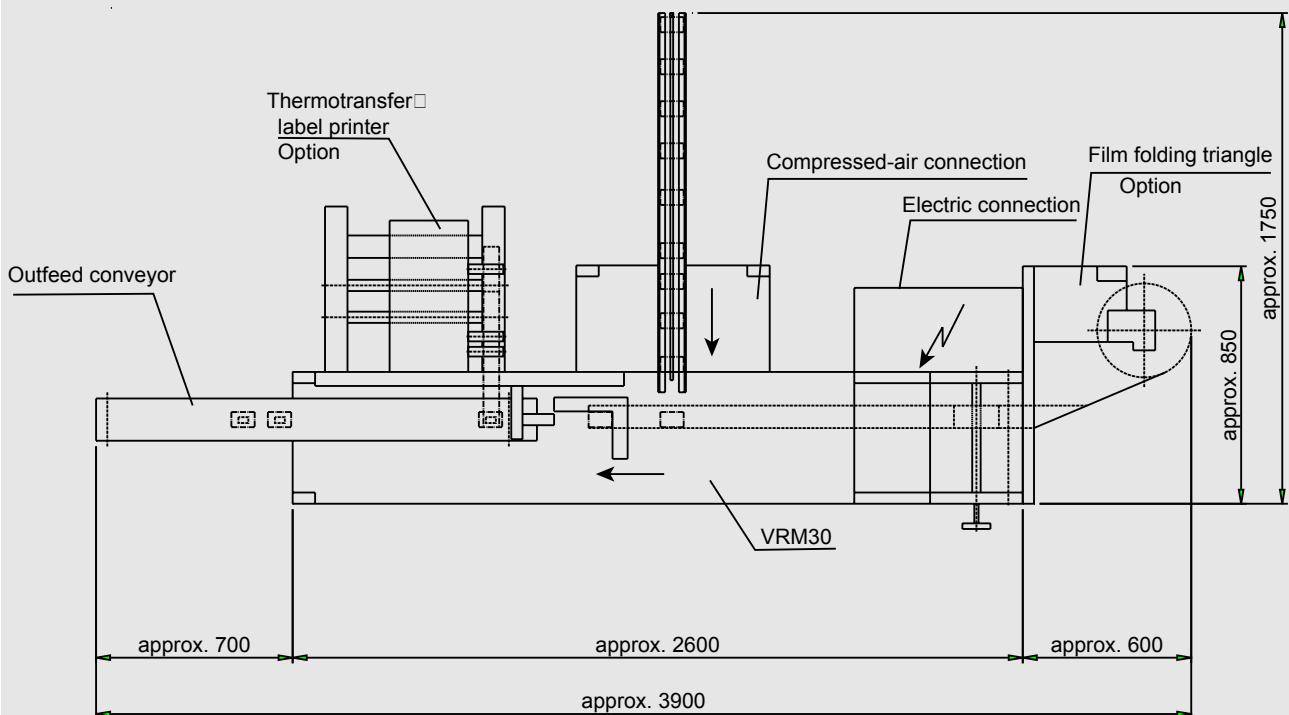
- Pulsed product feed to a semi-tubular film, 90° arrangement, relative to the film feed direction.
- In-line operation with VMC 100/105 or stand-alone operation with manual stack feed to the flighted belt conveyor
- electrically heated sealing knife for sealing, closing and separating the packages, equipped with water-cooled holding down devices for permanently good sealing quality.
- Discharge of the overwrapped packages via an outfeed belt to a system for further processing or to storage
- Product monitoring during the entire process

## Programmable Logic Control:

- Operator guidance and status display by 4-line LC display
- Editing and input keys for entering values into operator menus or for acknowledging messages
- Operating keys for START, STOP, RESET and EMERGENCY STOP
- Operating mode MANUAL, JOG, CYCLE and AUTO
- Display or modification of operating parameters
- Choice of 2 operator languages
- Status diagnosis and fault messages
- Fault message indication by way of signal lamp and plain text message
- Electric and electronic plug-type connections.

Technical data:	
	<b>VRM 30</b>
<b>Formats:</b> <b>Product height:</b>	85 x 55 mm; special formats on request max. 30 mm, (special design up to 60 mm)
<b>Cycle speed (depending on the product):</b>	Max. 30 products/minute
<b>Wrapping film:</b>	Polyethylene, film thickness 15 to 40 µm, semi-tubular film on roll (with film folding triangle), / flat film on roll (film width depending on packet height)
<b>Drive:</b>	Servo geared motor, infinitely variable
<b>Control:</b>	PLC control SIEMENS S7 with control panel OP17
<b>Supply voltage:</b> <b>Power consumption:</b>	3 x 400 V / 50 Hz, 4.5 kVA
<b>Compressed-air connection</b>	6 bar dry, oil-free air, connection ¼ ", air consumption about 200 l/min
<b>Dimensions (W x D x H) / Weight:</b>	3900 x 1750 x 1850 mm (standard configuration with film folding triangle and outfeed conveyor 1.500 mm) about 450 kg, depending on design

## Standard configuration layout:



## Options:

<b>Tear-off perforation:</b>	<ul style="list-style-type: none"> <li>With a heating unit to stabilize the film fold (only in conjunction with a film folding triangle)</li> <li>with perforating knife for producing a tear-off perforation</li> </ul>
<b>Outfeed conveyor:</b>	<ul style="list-style-type: none"> <li>Special length greater than 1500 mm on request</li> </ul>
<b>Film folding device:</b>	<ul style="list-style-type: none"> <li>Film folding triangle for folding flat film</li> </ul>
<b>In-line interface with VMC 100/105:</b>	<ul style="list-style-type: none"> <li>Flighted belt conveyor connected to the stacking unit of the upstream machine</li> <li>Start/Stop of the upstream machine from the VRM 30 control panel</li> </ul>

**Special accessories:****Scanner:**

- Integrated into outfeed conveyor, for scanning barcode prints

**Labelling device:**

- Integrated into outfeed conveyor, several solutions on request

*Subject to technical modifications*