

# Film wrapping machine VMC 100S

Wrapping machine for telephone cards and products of the same format - with security sealing seam



## Field of application:

- Telephone cards, prepaid cards, CD cards, fun cards, loyalty cards
- Flat products in the format 85 x 55 mm (-1 mm)

## Types of wrapping:

- Forgery-safe packaging of single cards or bag chains with up to 25 cards per pile
- With or without a brochure: Max. pack height of 2 mm
- Security seam with customized or neutral print
- Standard sealing unit

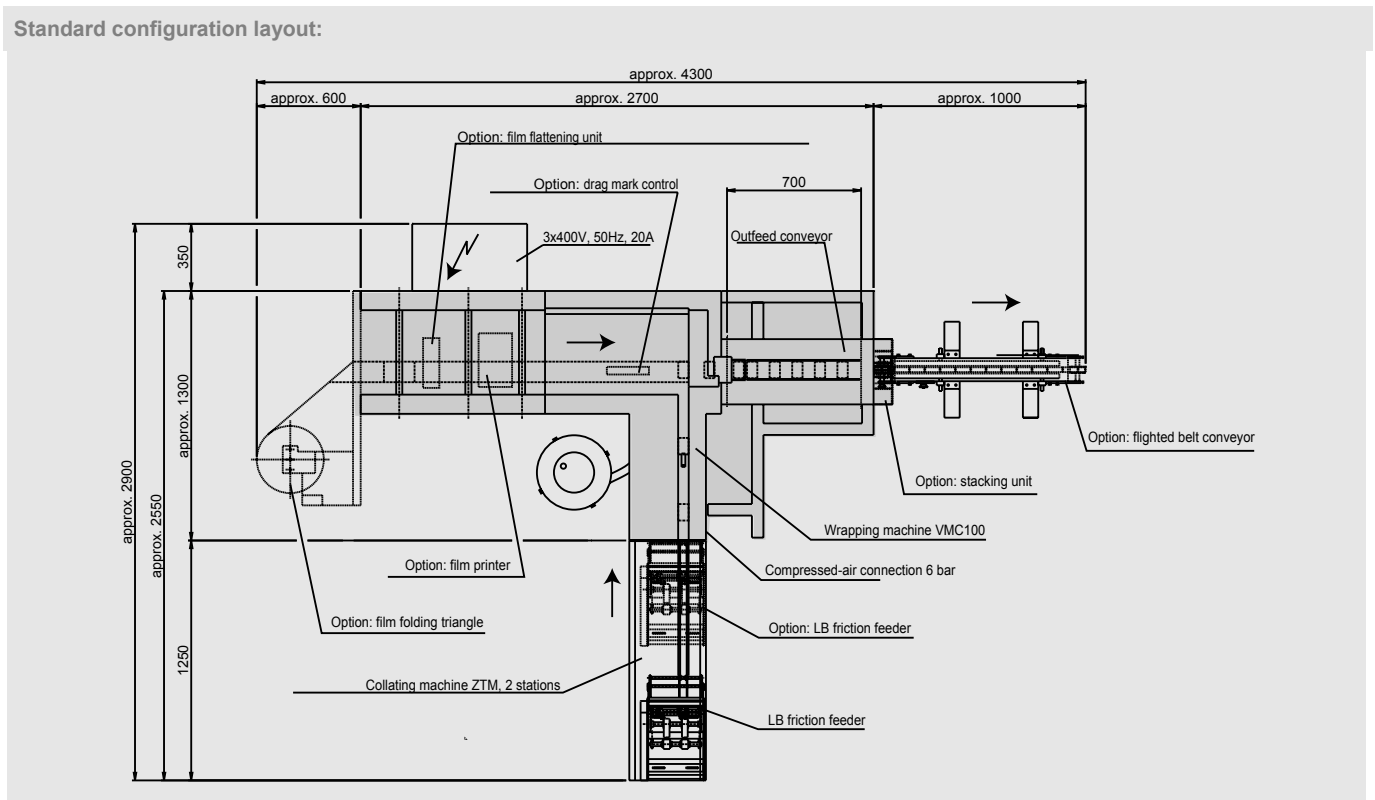
## Function:

- Pulsed product feed to a semi tubular film, 90°-arrangement with regard to the film feed direction.
- Collating the cards and brochures on a collating machine with feeders
- Electrically heated sealing head for sealing and, if required, segregating the packages with water cooled holding down devices for continuous sealing quality.
- Piling of single cards or bag chains by means of an piling module with connected flighted belt conveyor

## Programmable Logic Control:

- Operator guidance and status indication by 4-line LC display
- Editing and input keys for entering values into the operator menu or message confirmation
- 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>VMC 100 S</b>
<b>Formats:</b>	85 x 55 mm (-1.0 mm)
<b>Product height:</b>	max. 2 mm
<b>Cycle speed:</b>	Max. 120 products/minute
<b>Wrapping film:</b>	Polypropylene (BOPP/CPP), film thickness 20 to 100 µm, from the reel in semi tubular form, 110 mm wide / flat film from the reel, 220 mm wide (film folding triangle)
<b>Drive:</b>	Geared motor, infinitely adjustable
<b>Control:</b>	PLC control SIEMENS S7 with control panel OP17
<b>Supply voltage:</b>	3 x 400 V / 50 Hz, 300 VA
<b>Power input:</b>	
<b>Compressed-air connection</b>	6 bar dry, oil-free air, connection ¼ ", air consumption max. 320 l/min.
<b>Dimensions (W x D x H) / Weight:</b>	4,300 x 2,900 x 1,850 mm (standard configuration ZTM with 2 stations, film folding triangle and flighted belt conveyor) / approx. 1,150 kg, depending on the design



**Options:**

<b>Tear-off perforation:</b>	<ul style="list-style-type: none"> <li>With perforating roller for the tear-off perforation</li> </ul>	<b>Product discharge with a flighted belt conveyor</b>	<ul style="list-style-type: none"> <li>With pneumatic push-out unit</li> </ul>
<b>Drag mark control:</b>	<ul style="list-style-type: none"> <li>Wrapping of printed film (max. 100 cycles/min.)</li> </ul>	<b>Banding machine:</b>	<ul style="list-style-type: none"> <li>Covering of card stacks with film banding</li> </ul>
<b>Outfeed conveyor:</b>	<ul style="list-style-type: none"> <li>Special length greater than 750 mm on request</li> </ul>	<b>Overwrapping:</b>	<ul style="list-style-type: none"> <li>VRM 30 bagging machine up to a pack height of 30 mm for overwrapping product stacks</li> </ul>
<b>Stacking unit:</b>	<ul style="list-style-type: none"> <li>With pneumatic buffer rake for stacking 5 to 25 cards and flighted belt conveyor</li> </ul>	<b>Special accessories:</b>	
<b>Film folding device:</b>	<ul style="list-style-type: none"> <li>Film folding module for folding flat film</li> <li>With a film flattening unit to stabilize the film fold</li> </ul>	<b>Scanner / camera:</b>	<ul style="list-style-type: none"> <li>For recognizing barcodes and serial numbers</li> </ul>
<b>Collating machine:</b>	<ul style="list-style-type: none"> <li>ZTM with 2 to 7 stations on request</li> </ul>	<b>Labeling device:</b>	<ul style="list-style-type: none"> <li>Several solutions on request</li> </ul>
<b>Feeder on ZTM:</b>	<ul style="list-style-type: none"> <li>Inline, with tilting device (longitudinal feed) or</li> <li>to ZTM from the side, with docking station (lateral feed),</li> </ul>	<b>Film printing:</b>	<ul style="list-style-type: none"> <li>Printer for printing on film</li> </ul>
		<b>Special solutions:</b>	<ul style="list-style-type: none"> <li>Upon request</li> </ul>

*Subject to technical modifications*