

Film wrapping machine VRM 25

Overwrapping machine for paper formats, SOHO products, greeting cards and similar products



Applications:

- SOHO products, stationery, greeting cards and similar products

Types of wrapping:

- Overwrapping of products as stack or assortment from an upstream VMC 105 / VM 90 / VFM 102 machine.
- Packaging completely sealed with PE, OPP, CPP or shrink film

Function:

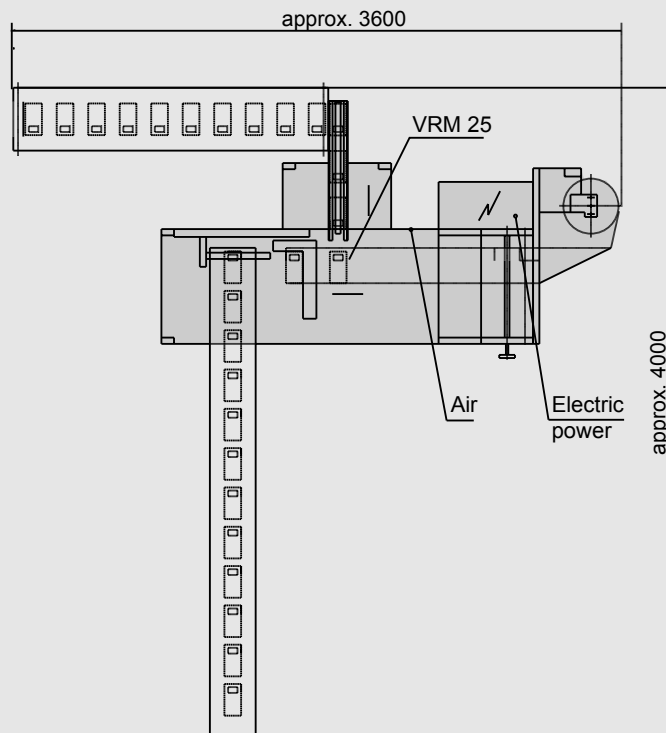
- Pulsed product feed to a semi-tubular film, 90° arrangement, relative to the film feed direction.
- In-line operation with VMC 105 / VM 60 / VFM 102 or stand-alone operation with manual stack feed to the flighted belt conveyor
- Electrically heated sealing knife for heat-sealing the packages, equipped 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

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 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:	
	VRM 25
Formats: Product height:	Min. 140 x 105 mm; max. 360 x 245 mm (other formats on request) max. 40 mm
Cycle speed (depending on the product):	Max. 25 products/minute
Wrapping film:	Polyethylene, film thickness 15 to 40 µm, semi-tubular film on roll / flat film on roll (with film folding triangle)
Drive:	Geared motor, infinitely adjustable
Control:	PLC control SIEMENS S7 with control panel OP17
Supply voltage: Power consumption:	3 x 400 V / 50 Hz, 6.4 kVA
Compressed-air connection	6 bar dry, oil-free air, connection 1/4", air consumption about 200 l/min
Dimensions (W x D x H) / Weight:	4000 x 3800 x 1850 mm (configuration example including intermittent transfer conveyor and flighted belt conveyor 3.000 mm)/ about 720 kg, depending on design

Configuration example layout:



Options:

Tear-off perforation:	<ul style="list-style-type: none"> with perforating knife for producing a tear-off perforation 	Special accessories:	
Outfeed conveyor:	<ul style="list-style-type: none"> Special length greater than 1.500 mm on request 	Scanner:	<ul style="list-style-type: none"> Integrated into outfeed conveyor, for scanning barcode prints
Film folding device:	<ul style="list-style-type: none"> Film folding triangle for folding flat film 	Labelling device:	<ul style="list-style-type: none"> Integrated into outfeed conveyor, several solutions on request
In.line interface with VMC 100/105:	<ul style="list-style-type: none"> Flighted belt conveyor connected to the stacking unit of the upstream machine Start/Stop of the upstream machine from the VRM 25 control panel 		

Subject to technical modifications