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:

<table>
<thead>
<tr>
<th>VRM 25</th>
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<tr>
<td>Formats: Min. 140 x 105 mm; max. 360 x 245 mm (other formats on request)</td>
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<td>Product height: max. 40 mm</td>
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<td>Cycle speed (depending on the product): Max. 25 products/minute</td>
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<td>Wrapping film: Polyethylene, film thickness 15 to 40 µm, semi-tubular film on roll / flat film on roll (with film folding triangle)</td>
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<td>Drive: Geared motor, infinitely adjustable</td>
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<td>Control: PLC control SIEMENS S7 with control panel OP17</td>
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<td>Supply voltage: 3 x 400 V / 50 Hz, 6.4 kVA</td>
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<td>Power consumption: 6 bar dry, oil-free air, connection ¼” , air consumption about 200 l/min</td>
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<td>Compressed-air connection: 4000 x 3800 x 1850 mm (configuration example including intermittent transfer conveyor and flighted belt conveyor 3.000 mm)</td>
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<td>Weight: about 720 kg, depending on design</td>
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Options:

- Tear-off perforation: with perforating knife for producing a tear-off perforation
- Outfeed conveyor: Special length greater than 1,500 mm on request
- Film folding device: Film folding triangle for folding flat film
- In-line interface with VMC 100/105: Flighted belt conveyor connected to the stacking unit of the upstream machine
- Start/Stop of the upstream machine from the VRM 25 control panel

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