Film wrapping machine VMC 105 GC Plano

Packing machine for open wrapped greeting cards

Field of application:
- Open wrapped Greeting cards with envelope on page 2 or 3

Types of wrapping:
- Wrapping of individual products
- with/without envelopes
- Single products completely sealed

Function:
- Pulsed product feed to a semi tubular film, 90°-arrangement with regard to the film feed direction.
- Collating the products on a collating machine with feeders
- Feeding of open wrapped plano cards and feeding of the envelope on page 2 or 3.
- Electrically heated sealing knife for segregating the packages with water cooled holding down devices for continuous sealing quality.
- Inline-folding of the cards after wrapping procedure.

Machine control:
- Industrial PC with movable operator panel
- Operator guidance via graphical user interface
- Editing and input of values with touchscreen in dialog windows
- Operating keys for START, STOP, RESET and EMERGENCY STOP
- Operating mode JOG MODE, SINGLE CYCLE and AUTO
- Display or modification of operating parameters
- Choice of 2 operator languages (Standard German/English)
- Status diagnosis and fault messages
- Fault message display by way of signal lamp and error message
- Electric and electronic plug-type connections.
## Technical data:

<table>
<thead>
<tr>
<th><strong>VMC 105 GC Plano</strong></th>
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<tbody>
<tr>
<td><strong>Formats:</strong></td>
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<tr>
<td>Product height:</td>
</tr>
<tr>
<td>Min. 180 x 140 mm, Max. 290 x 200 mm (open wrapped card); Min. 90 x 140 mm, Max. 145 x 200 mm (folded cards)</td>
</tr>
<tr>
<td>Single wrap</td>
</tr>
<tr>
<td>Cycle speed (depending on product and film):</td>
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<tr>
<td>Up to 85 products/minute</td>
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<tr>
<td>Wrapping film:</td>
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<tr>
<td>Polypropylene (BOPP, CPP), film thickness 25 to 40 μm</td>
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<tr>
<td>from the reel in semi tubular form, max. 310 mm wide / flat film from the reel, max. 620 mm wide</td>
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<tr>
<td>(film folding triangle or film folding module)</td>
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<tr>
<td>Drive:</td>
</tr>
<tr>
<td>Infinitely adjustable servo geared motor</td>
</tr>
<tr>
<td>Control:</td>
</tr>
<tr>
<td>IPC control with touchscreen control panel</td>
</tr>
<tr>
<td>Supply voltage:</td>
</tr>
<tr>
<td>3 x 400 V / 50 Hz, approx. 4 kVA</td>
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<tr>
<td>Power input</td>
</tr>
<tr>
<td>Compressed-air connection</td>
</tr>
<tr>
<td>6 bar dry, oil-free air, connection 1/4&quot;, air consumption approx. 400 l/min. (according to machine configuration)</td>
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<tr>
<td>Dimensions (W x D x H) / Weight:</td>
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<tr>
<td>6,200 x 4,250 x 1,900 mm (configuration example) / approx. 1,150 kg, (according to machine configuration)</td>
</tr>
</tbody>
</table>

## Configuration example layout:

![Configuration example layout](image)

## Options:

- **Outfeed conveyor:**
  - Special length on request

- **Banding machine:**
  - Overwrapping of product stacks with film banderole

- **Print register control:**
  - For use of pre-printed film

- **Film folding triangle:**
  - For folding of film
  - Thermal film edge forming unit

- **Perforating knife:**
  - For cutting of a tear-off perforation

- **Flighted belt conveyor:**
  - Product discharge
  - Product discharge with or without shingling stream separation

- **Shingling outfeed conveyor:**
  - Overwrapping machine VRM 25 for overwrapping of product stacks
  - With 2 up to 6 stations
  - Inline with swivelling unit (longitudinal feeding) or lateral at collating machine with docking station (transversal feeding)

- **Overwrapping:**
  - Special accessories:
    - Image processing:
    - Labelling:
    - Euro hole punch:
    - Adhesive tape applicator:
    - Flap closing module:
    - Shrink tunnel:
    - Thermal printer:

- **Collating machine:**
  - On request

- **- Feeder on coll. machine:**
  - On request

- **Special accessories:**
  - On request

- **Image processing:**
  - On request

- **Labelling:**
  - Integrated in film guide (FFM/-H)

- **Euro hole punch:**
  - After the outfeed conveyor

- **Adhesive tape applicator:**
  - Application of an adhesive strip for open packages with resealable flap

- **Flap closing module:**
  - Closing of the resealable flap after the sealing procedure (up to 10 mm package height)

- **Shrink tunnel:**
  - For shrink overwrapping of products

- **Thermal printer:**
  - For printing on the film

*Subject to technical modifications*