

# Film wrapping machine VMC 105 CD2

Wrapping machine for optical media



## Field of application:

- a. **Sleeve manufacturing + sleeving of:**  
blank CDs/DVDs, CD cards, booklets, etc.
- b. **Overwrapping of:**  
paper or cardboard sleeves, software kits, etc.
- c. **High-quality shrink overwrapping:**  
Jewel cases, digipacks, DVD boxes, etc.

## Possible sleeve types and packaging types:

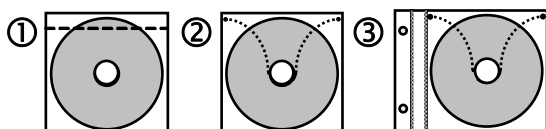
- Sleeve open on top
- Sleeve with resealable adhesive flap
- Simple sleeve with tear-open perforation on one or both sides ①
- Simple sleeve with perforated, resealable safety flap ②
- Sleeve with storage spine and perforated tear-open flap ③
- Multiple product packing (e.g., CD/DVD + brochures)
- Shrink overwrapping

## Function sample of blank CD/DVD in simple sleeve:

- Feeding of the CD from the spindle onto the transversal transport with air-cushioned guidance
- Synchronized product infeed from the transversal transport into a semi-tubular film, 90° arrangement, relative to the film feed direction.
- Sleeve finishing by means of electrically heated sealing knife for cut-welding the packages, equipped with water cooled downholders for permanently good welding quality.

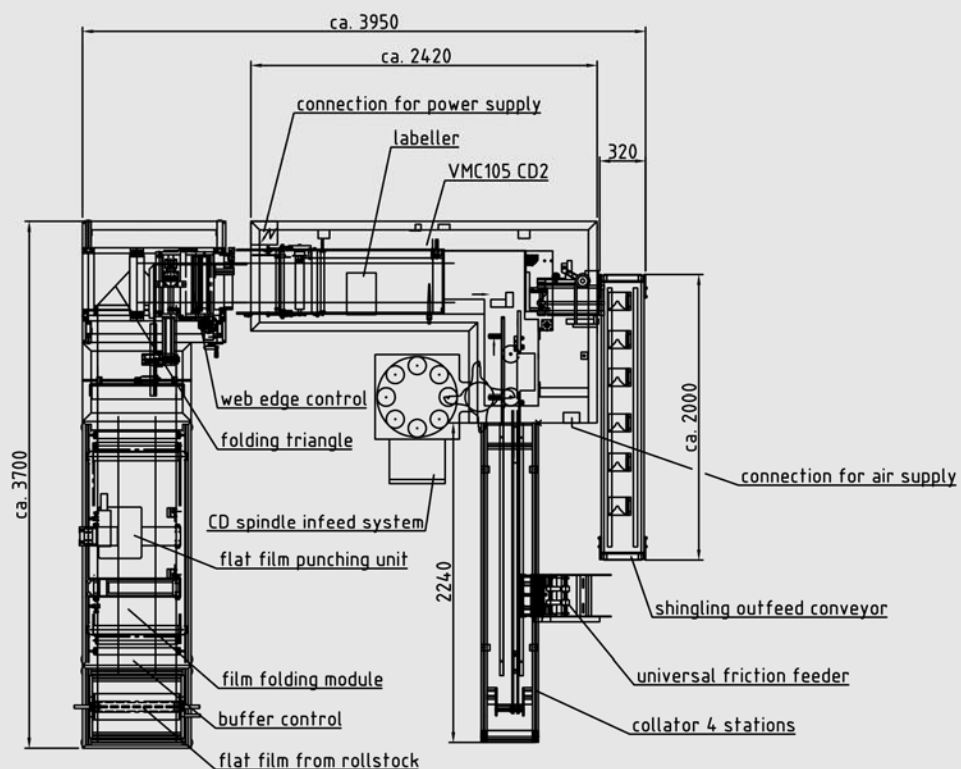
## Machine control:

- 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:	
	<b>VMC 105 CD2</b>
Formats (depending on product height): Product height:	Min. 85 x 55 mm, Max. 240 x 170 mm min. 1 mm, max. 30 mm
Cycle speed (depending on product and film):	Up to 100 products/min.
Wrapping film:	Polypropylene (BOPP, CPP/PET-PP): film thickness 25 to 120 µm, shrink film: film thickness 15 µm, Tyvek material in semi-tubular form from the role, max. 280 mm wide / flat film from the role, max. 560 mm wide (prerequisite: opt. film folding module)
Drive:	Infinitely variable servo geared motor
Control:	IPC control with touchscreen control panel
Supply voltage: Power consumption:	3 x 400 V / 50 Hz, approx. 4 kVA
Compressed air supply	6 bar, dry, oil-free air, connection ¼", air consumption 320 l/min. (according to machine configuration)
Dimensions (W x D x H) / Weight:	3,950 x 3,700 x 1,850 mm (configuration example) / approx. 1,150 kg (according to machine configuration)

## Layout configuration example:



## Options:

<b>Print register control:</b>	• For use of pre-printed film
<b>Tear-open perforation:</b>	• Various versions
<b>Film folding triangle:</b>	• For folding of film • Thermal film edge forming unit
<b>Film folding module for sleeve storage spines</b>	• With web edge control and sealing unit • For sealing of the storage spine
<b>Film feeding, punching and printing module:</b>	• For punching the safety flap from flat film • For printing the film with thermal printer
<b>Perforating knife:</b>	• For cutting of a tear-off perforation
<b>Flighted belt conveyor:</b>	• Product discharge
<b>Shingling outfeed conveyor:</b>	• Product discharge with or without shingling stream separation
<b>Overwrapping:</b>	• Overwrapping machine VRM 25 / VRM 30 for overwrapping of product stacks
<b>Collating machine:</b>	• With 2 up to 6 stations
<b>- Feeder on coll. machine:</b>	• Different versions, depending on the product
<b>CD Feeder</b>	• Feeding of CDs/DVDs by means of vacuum grippers directly from the spindle

**Special accessories:**

<b>Image processing:</b>	• On request
<b>Labelling:</b>	• On request
<b>Euro hole Punch:</b>	• Integrated in film guide (FFM/-H) • After the outfeed conveyor
<b>Shrink tunnel:</b>	• For shrink overwrapping of products
<b>Thermal printer:</b>	• For printing on the film

*Subject to technical modifications*