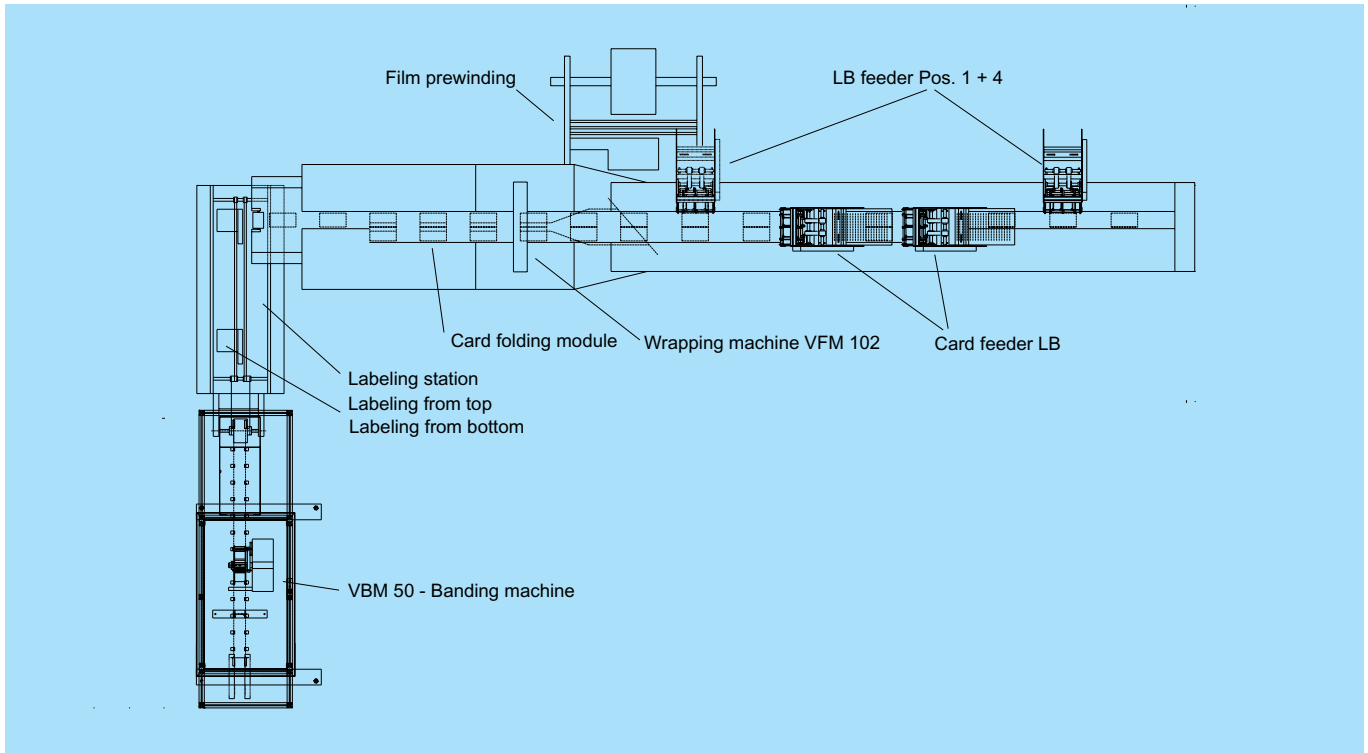


Film wrapping machine VFM 102

Film covering machine for greeting cards



Field of application:

- For wrapping greeting cards with film cover, incl. feeding, collating, groove embossing, labeling and banding.

Types of wrapping:

- Wrapping unfolded cards
- As a book cover, with envelope inside or outside
- Continuous product feed to the flat film, in film feed direction.

Function:

- Feeding and collating plane cards, envelopes on a collating machine with gripper suction feeders or friction feeders.
- electrically heated sealing knife for segregating the film cover with water cooled holding down devices for continuous sealing quality.
- Folding the wrapped cards over a folding module with transfer to a labeling or printing unit (option).
- Piling products from a labeling unit / folding module in a banding machine or transfer for post processing (option).

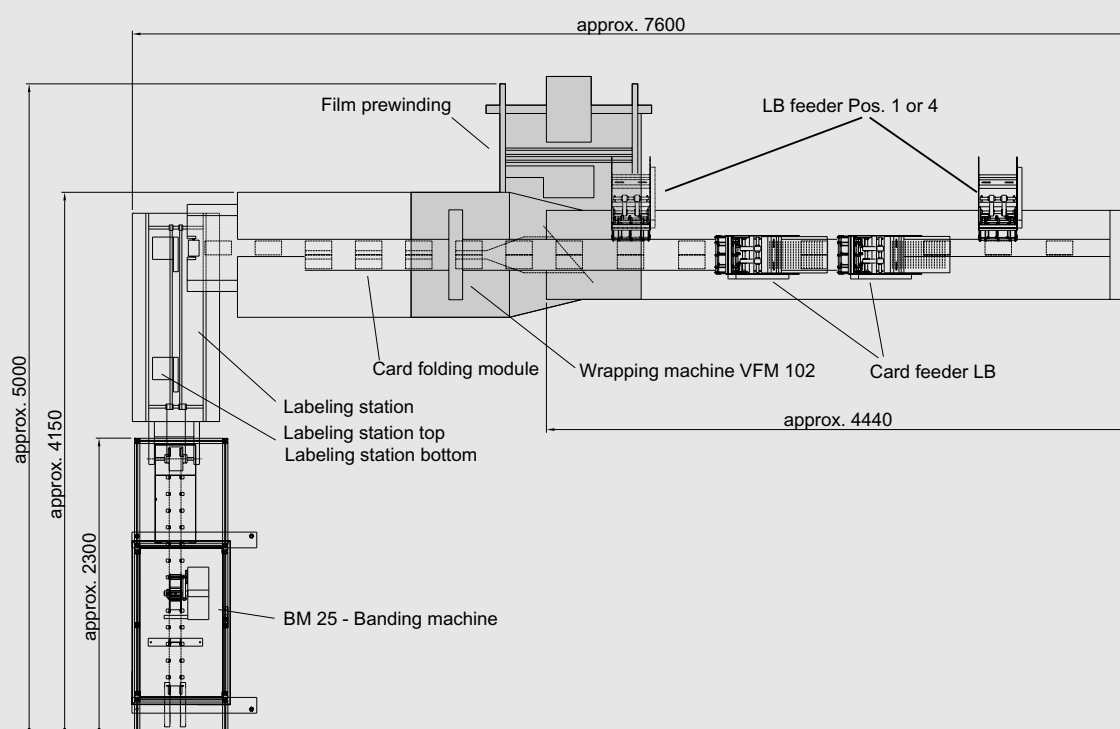
Programmable Logical Control:

- Operator guidance and status indication by 4-line LC display
- Editing and input keys for entering values into the operator menus or message confirmation
- Operating keys for START, STOP, RESET and EMERGENCY STOP of all work stations
- Operating mode MANUAL, SINGLE PHASE, SINGLE CYCLE and AUTOMATIC can be selected
- Operator menus to display or change operation parameters
- Operator language selectable as language pairs, e.g. German/English, German/French, among others.
- Function test for status diagnosis and fault messages
- Fault messages via signal lamp and text messages on the control panel display
- Electric and electronic plug-type connections

Technical data:

	VFM 102
Formats (greeting cards, envelopes): Product height:	Unfolded 180 x 140, 300 x 240 mm (folded) / option 227 x 160 to 390 x 280 mm max. 2 mm
Cycle speed (depending on the product):	Max. 110 products/min, (depending on the product)
Wrapping film:	Polypropylene (OPP), film thickness 25 to 35 µm, flat film from the reel, diameter 320 mm
Drive:	Geared motor, infinitely adjustable
Control:	PLC control SIEMENS S7 with control panel OP17
Supply voltage: Power input	3 x 400 V / 50 Hz, 6.4 kVA
Compressed-air connection / air consumption (depending on system configuration):	6 bar dry, oil-free air, connection ¼", air consumption approx. 400 l/min (incl. Labeling module)
Dimensions (W x D x H) / Weight:	7,600 x 5,000 x 1,850 mm (configuration see layout)/ approx. 3,000 kg, depending on the design

Layout (example):



Options:

Labeling module:	<ul style="list-style-type: none"> For the labeling of cards from top / bottom 	Collating machine:	<ul style="list-style-type: none"> ZTM with several stages, specification available on request.
Film printing:	<ul style="list-style-type: none"> For the printing on the film from top / bottom 	Friction feeder on ZTM:	<ul style="list-style-type: none"> Inline (longitudinal feed) or to ZTM from the side (lateral feed), optionally with a docking station (mobile)
Product discharge with a flighted belt conveyor	<ul style="list-style-type: none"> For stacking and transportation for post processing 	Gripper suction feeder	<ul style="list-style-type: none"> for feeding cards with a sensitive surface
Outfeed conveyor:	<ul style="list-style-type: none"> For transporting the products in slatted array or separately. 	Banding machine:	<ul style="list-style-type: none"> Covering of card stacks with film banding
Groove embossing unit:	<ul style="list-style-type: none"> For unfolded card groove embossing on the collating machine 	Overwrapping with VRM 25:	<ul style="list-style-type: none"> Complete overwrapping of card stacks after folding or labeling or banding.

Subject to technical modifications