

Film wrapping machine VMC 105 H30

Packing machine for stationeries with small format and similar products



Field of application:

- Brochures, catalogues, stickers, labels, photos, post-its, notepads, tissues, banknotes, vignettes and other stationeries with small format

Types of wrapping:

- Wrapping of individual products or multiple product packing
- Single products completely sealed, open towards the top (sleeve) or with a top adhesive (reusable adhesive tape) flap
- Header and display packages

Function:

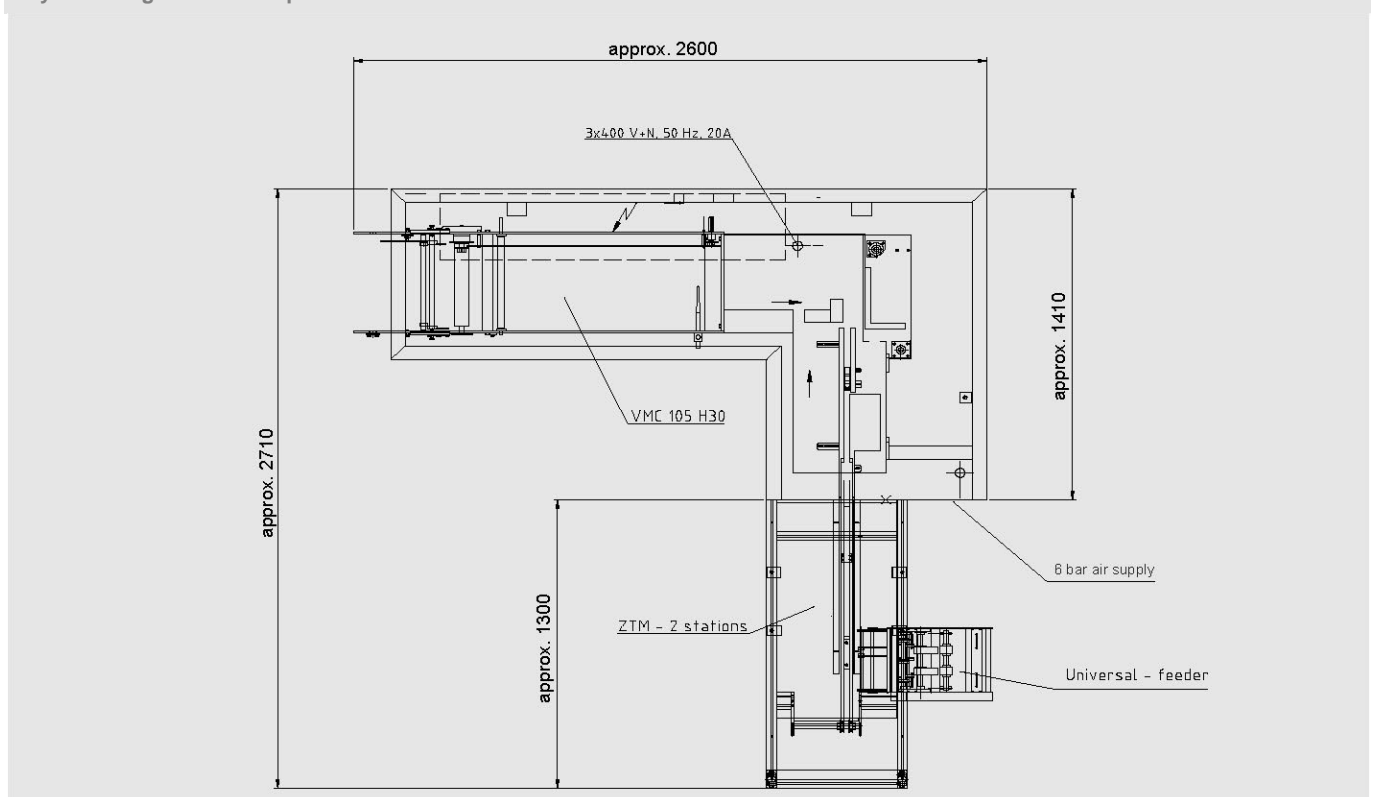
- Pulsed product feed to a semi tubular film, 90°-arrangement with regard to the film feed direction.
- Collating the products and brochures on a collating machine with feeders
- electrically heated sealing knife for segregating the packages with water cooled holding down devices for continuous sealing 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:	
	VMC 105 H30
Formats:	Min. 85 x 55 mm, Max. 240 x 170 mm
Product height:	min. 1 mm, max. 30 mm (for loose products 15 mm)
Cycle speed (depending on the product):	Up to 100 products/minute
Wrapping film:	Polypropylene (BOPP, CPP), film thickness 25 to 100 µm, shrink film up to 15 µm from the reel in semi tubular form, max. 280 mm wide / flat film from the reel, max. 560 mm wide (film folding triangle or film folding module)
Drive:	Infinitely adjustable servo geared motor
Control:	IPC control with touchscreen control panel
Supply voltage:	3 x 400 V / 50 Hz, approx. 4 kVA
Power input	
Compressed-air connection	6 bar dry, oil-free air, connection ¼", air consumption approx. 320 l/min (according to machine configuration)
Dimensions (W x D x H) / Weight:	2,710 x 2,600 x 1,900 mm (configuration example) / approx. 1,150 kg, (according to machine configuration)

Layout configuration example:



Options:

Outfeed conveyor:	<ul style="list-style-type: none"> • Special length on request 	Special accessories:	
Banding machine:	<ul style="list-style-type: none"> • Overwrapping of product stacks with film banderole 	Image processing:	<ul style="list-style-type: none"> • On request
Print register control:	<ul style="list-style-type: none"> • For use of pre-printed film 	Labelling:	<ul style="list-style-type: none"> • On request
Film folding triangle:	<ul style="list-style-type: none"> • For folding of film • Thermal film edge forming unit 	Euro hole punch:	<ul style="list-style-type: none"> • Integrated in film guide (FFM/-H) • After the outfeed conveyor
Film folding module for header packages:	<ul style="list-style-type: none"> • With web edge control, header sealing unit and header printing unit 	Adhesive tape applicator:	<ul style="list-style-type: none"> • Application of an adhesive strip for open packages with resealable flap
Perforating knife:	<ul style="list-style-type: none"> • For cutting of a tear-off perforation 	Flap closing module:	<ul style="list-style-type: none"> • Closing of the resealable flap after the sealing procedure (up to 10 mm package height)
Flighted belt conveyor:	<ul style="list-style-type: none"> • Product discharge 	Shrink tunnel:	<ul style="list-style-type: none"> • For shrink overwrapping of products
Shingling outfeed conveyor:	<ul style="list-style-type: none"> • Product discharge with or without shingling stream separation 	Thermal printer:	<ul style="list-style-type: none"> • For printing on the film
Overwrapping:	<ul style="list-style-type: none"> • Overwrapping machine VRM 25 / VRM 30 for overwrapping of product stacks 		
Collating machine:	<ul style="list-style-type: none"> • With 2 up to 6 stations 		
- Feeder on coll. machine:	<ul style="list-style-type: none"> • Inline with swivelling unit (longitudinal feeding) or • Lateral at collating machine with docking station (transversal feeding) 		

Subject to technical modifications