

Operation

BPC machines integrate all operations needed to manufacture a blister package, from forming the blister, loading of the product and sealing to trimming operations.

Plastic film is fed from a roll into a set of indexing chains that pierce the film and transport it into the machine for a continuous process of forming, sealing and cutting.

After forming, cavities are filled with items and then sealed to a card or to plastic film.

The main characteristic of BPC models is the automatic pressure adjustments for sealing and cutting process.

Features

- Fully modular build, for adaptation to different production requirements and conditions
- Ergonomic design to reduce operator stress
- Quick and easy access to the tooling minimizing changeover time
- Operation control of all working parameters by means of PLC
- Internal communication by high speed Ethernet network
- Storage of pressure data for quick automatic settings
- Powered storable dimensional settings
- User friendly touch screen interface
- P.I.D. temperature control for ultra fast and accurate settings
- Sturdy and accessible structure for simple and fast maintenance jobs
- Same station accepts heat or high frequency sealing (as an option)
- On-line checking by in-built modem (optional)

Technical specifications

BPC 25-H

BPC 35-H

Forming film roll diameter (max.)	500 mm	500 mm (optional 800 mm)
Sealing film roll (max.)	400 mm	400 mm
Forming film width (max.)	400 mm	570 mm
Sealing film width (max.)	370 mm	540 mm
Forming area (max.)	350 x 250 mm	500 x 350 mm
Forming area (min.)	230 x 100 mm	300 x 100 mm
Forming depth (max.)	80 mm	80 mm
Forming film thickness (max.)	0.5 mm	0.5 mm
Vacuum pump power	21 m3/h	40 m3/h
Installed heating power	9.2 kW (750 mm)	17.2 kW (1000 mm)
Total installed power	21 kW	32 kW
Trimming force	12 t.	12 t. (optional 26 t.)
Dry cycle output (1)	30 cycles/min	30 cycles/min
Compressed air working pressure	6 bars	6 bars
Compressed air consumption at 30 cycles/min (2)	102 m3/h	150 m3/h
Color	RAL 9002	RAL 9002
Main power	400V + T + N, 50 Hz	400V + T + N, 50 Hz

(1)(2) This data refers to operation in optimal working patterns which are specially subjected to the type of plastic and production requirements. We will be glad to give you personal advice according to your working and product specifications.

Dimensions and weight

BPC 25-H

BPC 35-H

Height	1.800 mm	1.800 mm
Frame width	1.120 mm	1.320 mm
Length (including filling zone: 3.500 mm)	9.860 mm	10.660 mm
Loading zone height	950 mm	950 mm
Approximate weight	2.500 kg	3.500 kg

Optional devices

- Automatic lifting system for unwind unit of 800 mm diameter webs
- Additional pressure molding station
- Automatic feeding of inner cards
- Punching station for hanging holes
- On-line checking by in-built MODEM
- Loading area length on demand
- Automatic product feeding and handling
- Functional ancillary equipment: chillers, compressors, dryers...
- Identifying ancillary equipment: markers, coders, labelers...
- Pre-printed sealing film
- Twin bubble blister, automatic or semiautomatic.
- Specific customizations: power, dimensions, patterns, etc.
- Thermosealing station and high frequency sealing.

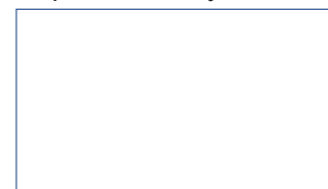
Other options might be available upon request.

Machine specifications shown in this leaflet may differ from the final specifications of your ordered machine. Some of the equipment described or shown may be available only at extra cost. Customers are advised to check any specifically required machine feature with the order confirmation created at point of ordering.

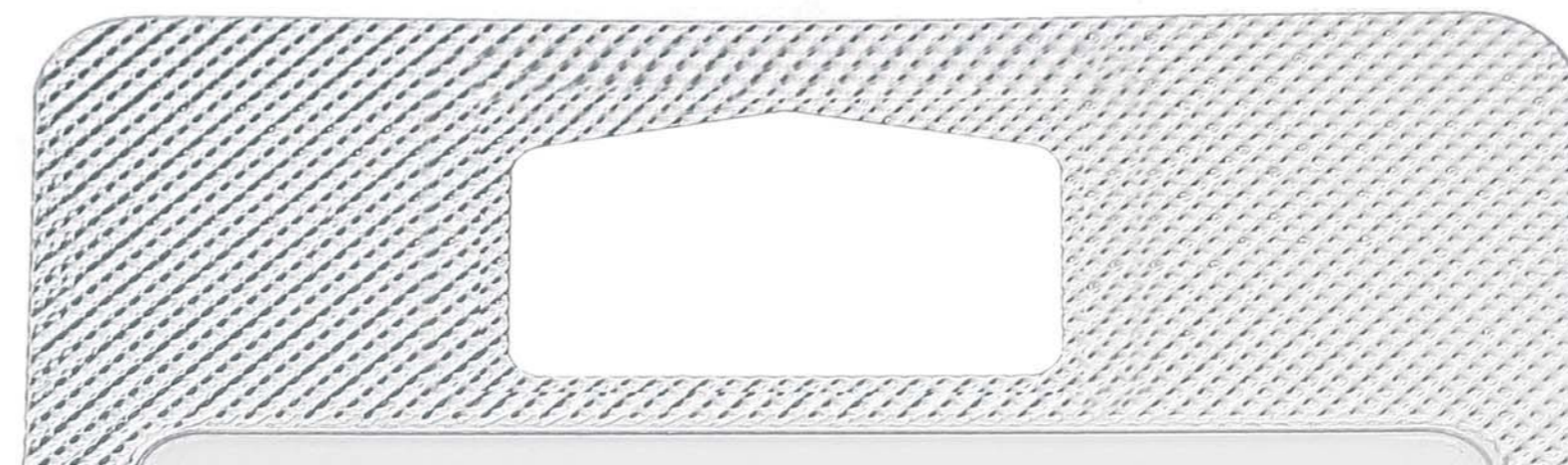
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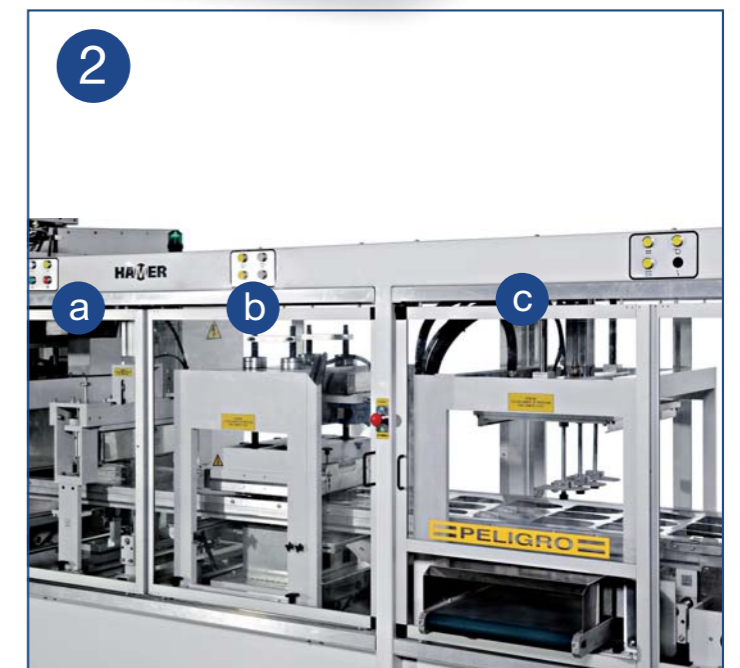
BPC25H/35H



Fully automatic process machines designed for high throughputs in continuous mode



Forming station



- a** Punching
- b** Cutting
- c** Vacuum ejection