



MACHINE FOR BLISTERPACKS:

BPC25N / BPC35N

Fully automatic process machines, designed for high throughputs in continuous mode.

Operation

The plastic film is unwound from the reel and warmed up in the heating module; when the preset process temperatura has been reached, the film is driven into the moulding zone (positive or negative, depending on the item features) where the blister is formed.

After moulding the film goes into the filling area, where the blisters are filled with the relevant items, then sealed either with cardboard or with plastic. The filled blisters follow to the punching and die cutting stations, where they are split from the film and, thereafter, ready for collection. The film waste is rewound again for an easy handling.

Models BPC-N feature powered automatic settings in the sealing and die cutting stations.



Features

- Robust construction, totally modular, for an easy adaptation to different production requirements and conditions.
- Ergonomic structure which allows easy operation in web loading, filling, controlling, etc.
- Quick and easy access to the tooling, thus minimizing changeover.
- 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.
- 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

Features	BPC25N	BPC35N
Max. diameter of thermoforming web (a)		500 mm
Max. diameter of thermoforming web, optional (b)		800 mm
Max. diameter of sealing web		400 mm
Max. width of thermoforming sheet	390 mm	540 mm
Max. width of sealing sheet	360 mm	510 mm
Max. thickness of thermoforming sheet:		
Reel holder 500 mm Ø (a)		0,4 mm
Reel holder 800 mm Ø (b)		1 mm
Max. thermoforming area	250x350 mm	350x500 mm
Min. thermoforming area	100x230 mm	100x300 mm
Max. thermoforming depth		80 mm
Vacuum pump flow	21m ³ /h	40 m ³ /h
Heater installed power	9 Kw	17,1 Kw
High Frequency installed power (option)	7-10 Kw	10-15 Kw
Total installed power (without H.F.)	18 Kw	28 Kw
Die-cutting max. force	15 Tm	20 Tm
Dry cycle output per minute(1)		30 cycles
Compressed air working pressure		6 bar
Compressed air consumption at 30 cycles/min(2)	102 m ³ /h	150 m ³ /h
Colour		RAL 9002
Mains power		380V + T + N, 50 Hz

(1)(2) These figures refer to dry cycle operation and will differ under actual working conditions, depending on the plastic material and process patterns. We will gladly advise on your specific requirements upon request.



Dimensions and weight

	BPC25N	BPC35N
Height		1.800 mm
Frame width	760 mm	960 mm
Length (including filling zone: 3.500 mm)	9.860 mm	10.660 mm
Filing zone height		950 mm
Approximate weight	1.400 kg	2.200 kg

Optional devices

- Additional pressure molding station.
- Punching station.
- Automatic feeding of inner cards.
- On-line checking by in-built MODEM.
- Expandible filling zone.
- 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.
- Automatic lifting for 800 mm film reels.
- Powered automatic station positioning.