Packaging with future KBS-PZ

KOCH Blister line *KBS-PZ*

The latest development offers enormous flexibility. Positive and negative forming are possible.
Sealing can be made by thermo-contact or by high-frequency.
It is possible to work with: card/card, film/card, film/film.

The advantages of this new type of machine are:

- rapid tool changes
- low tool costs through low quantity of tooling
- automatic switching of the blister forming machine by servomotors
- most modern control technology by IPC, comfortable operation by touch screen
- modem connection for remote fault diagnosis

KOCH.
Maschinenbau GmbH

KOCH Blister line

The packaging technology

In the interst of product development, details are subject to change without prior notice.

Technical Data

Blister forming machine	KB-PZ-NC 30-35/47 KB-PZ-NC 30-35/67
Forming station	positive, negative*
Max. forming area	300 x 350 mm
Min. forming area	100 x 50 mm
Forming depth	47, 67 mm
Contact heating	approx. 4 kW
Film feed	servomotor
Air consumption/cycle	approx. 10.5 l at 6 bar
Output	approx. 20 cycles/min.**

* incl. lateral tool insertion
** dependent on the film, blister form and blister size

Sealing machine	KB-PZ-S-30-35 KB-PZ-HF-30-35
Max. sealing area	350 x 350 mm
Max. pallet size	350 x 350 mm
Number of sealing pallets	8, 10, 12, ... pieces
Pallet transport	length: servomotor across: pneumatic
Sealing heating	3.6 kW
Sealing at 6 bar	16 kN
Air consumption/cycle	approx. 39 l at 6 bar
Output	approx. 16 cycles/min.*

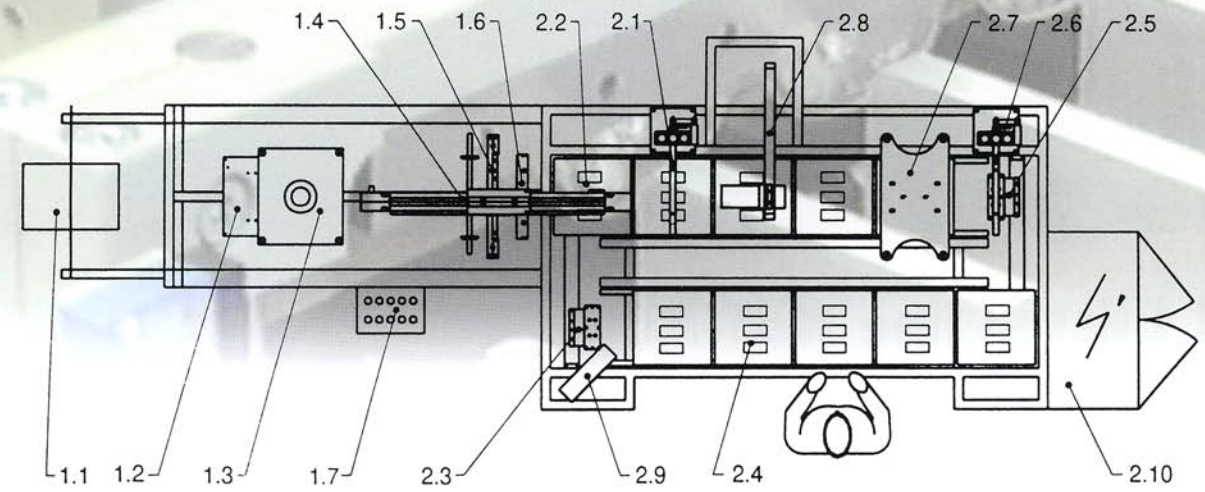
* dependent on sealing time

Control: IPC control with 12,1" TFT-display
programmed according to IEC1131-3

Blister transfer unit	BU-PZ-NC-30/2
Max. transfer width	350 mm
Number of vacuum blocks	2*
Drive	servomotor
Air consumption/cycle	approx. 1.7 l at 6 bar
Output	approx. 18 cycles/min.**

* basic equipment
** dependent on blister form and blister size

Complete line KBS-PZ	
Total dimensions	approx. 4,500 x 1,800 x 1,800
Total weight	approx. 2,000 kg
Connected load	approx. 10 kW
Operating pressure	5 - 6 bar



Forming machine

1.1 Film roll
1.2 Heating station
1.3 Forming station
1.4 Film transport/ longitudinal cutting
1.5 Transverse cutting
1.6 Blister transfer
1.7 Operating panel

Sealing machine

2.1 Card placer window card
2.2 Placing the blister
2.3 Transverse push
2.4 Placing the products
2.5 Transverse push
2.6 Card placer front card
2.7 Sealing station
2.8 Product eject station
2.9 Operating panel
2.10 Control cabinet

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