

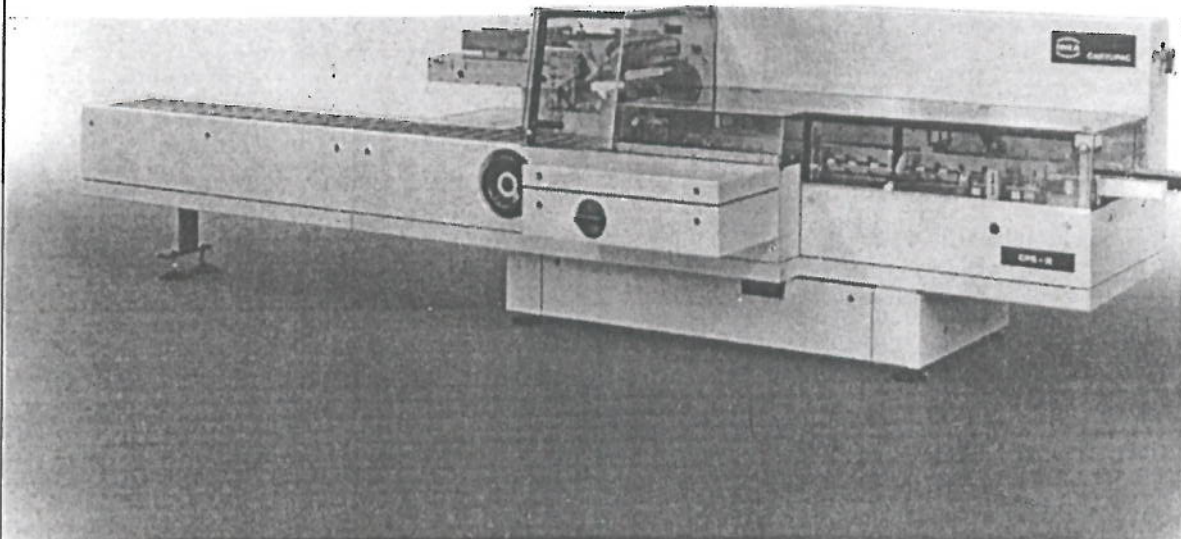


Cartoning machine

| | |
|------|--------------|
| Type | CPS-R |
|------|--------------|

| | |
|-----------|----------|
| Order no. | 31/35421 |
|-----------|----------|

| | |
|------------|-----|
| Serial no. | 214 |
|------------|-----|



IWK Verpackungstechnik GmbH

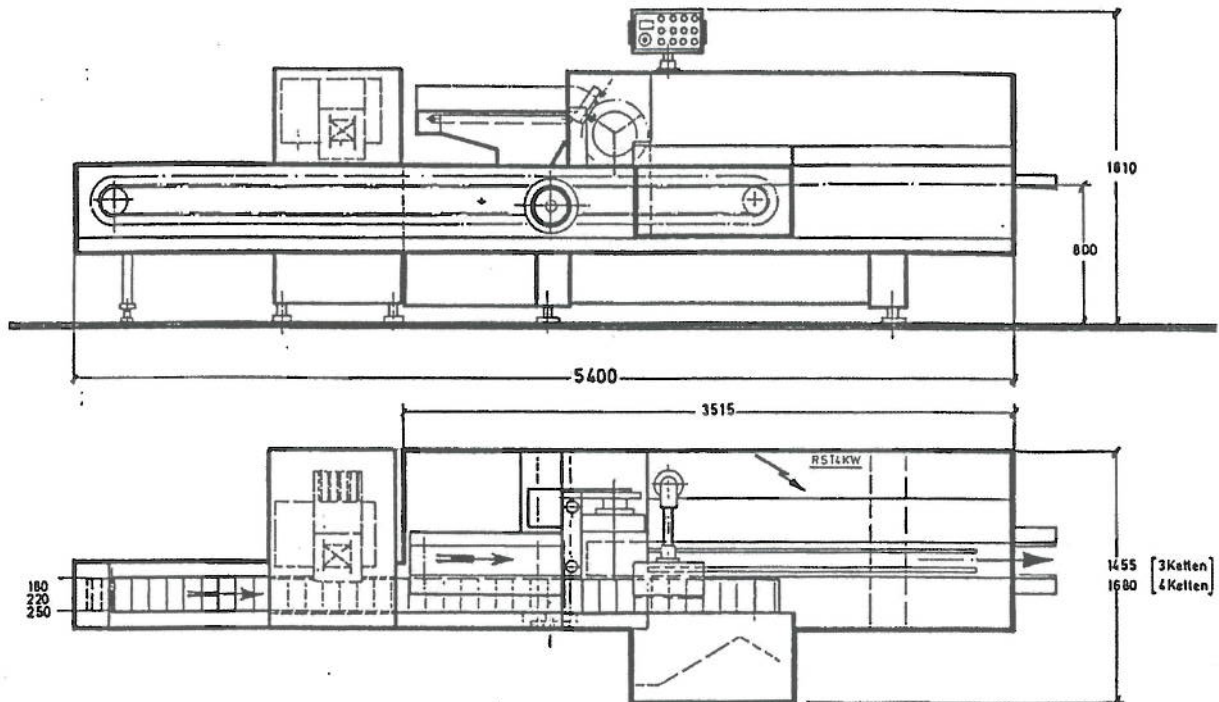
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3. Technical datas



Output:
depending on carton size
CARTOPAC CPS
up to 250 cartons/min.
CARTOPAC CPS-R
up to 450 cartons/min.

Consumption Data:
power connection
380/220 V A.C.
50 c/s

average power consumption:
● main drive motor
approx. 2,2 kW
● vacuum pump
approx. 1,5 kW

compressed air consumption:
approx. 10 liters/min. at 6 bar

Weight:
approx. 1500 kg net

Carton closure:
Reverse tuck-in closure,
airplane tuck-in closure,
hotmelt closure,
special closures as option.

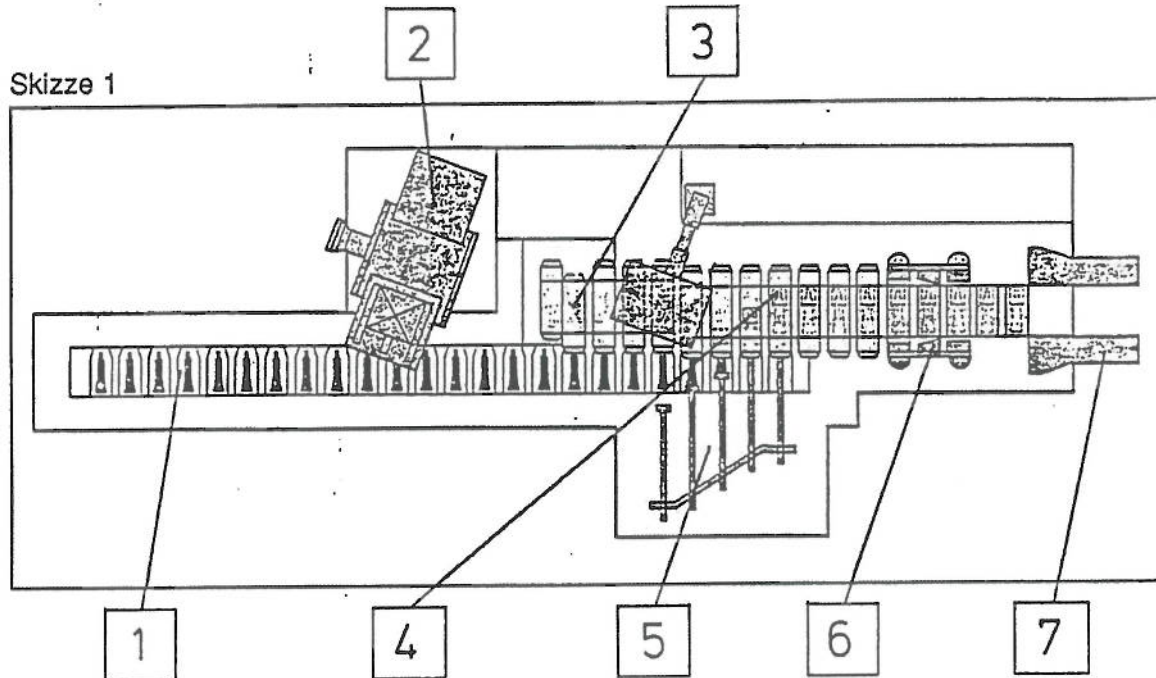
Leaflet size:
unfolded 75x105 up to
210x300 mm

Carton size:

| chain pitch | carton chains | size range min./max. (mm) | | |
|----------------|------------------|------------------------------|-------|--------|
| | | A | B | H |
| 6" | 3 | 20 (25)*-125 | 16-80 | 55-180 |
| | 4 | | | 80-250 |
| 4" | 3 | 20 (25)*- 75 | 16-75 | 55-180 |
| | 4 | | | 80-250 |

*) figures in brackets are valid for CPS-R.

Product infeed systems:
Available for blisters, tubes,
bottles, sachets, bags, vials,
ampoules, strips, soap bars,
cans, ink cartridges etc.



4 Concept and Operating Sequence

This cartoner is one of the CARTOPAC CPS series machines, designed to a similar concept, covering the majority of packaging requirements for blisters, tubes, bottles, pouches, ampoules, strips, cylinders, cans, cartridges, etc. The basic difference between the machines lies in the size ranges and output speeds. The machine takes up the articles to be packaged (the product) and transports them, lying in the product chain, into the loading station from where they are loaded into the carton. The carton is held by the carton chain which runs parallel to the product chain. Finally, the carton is closed and leaves the machine between the discharge belts.

Working Stations (Sketch 1)

- | | |
|---|-----------------|
| 1 | product chain |
| 2 | leaflet chain |
| 3 | carton magazine |
| 4 | carton chain |
| 5 | loading station |
| 6 | closing station |
| 7 | discharge belts |

The machine operation can be extended by the following options:

- leaflet attachment from the reel or stack
- stencil or ink embossing
- code or control devices
- counting system
- hot foil printer
- by-pack articles, e.g. spoon, scraper, syringe, cylinder, etc.

Product and carton chains run continuously.

The machine operating speed is adjustable on a scale from 1 to 10.

By adjusting the center panel, the carton magazine guides, the product and carton chains can be reset to different sizes.

The operator's panel is easily accessible from the front of the machine. The panel contains all the necessary operating elements and can be fixed or swivel mounted. Sensors monitor the operating sequence..