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FARMO RES

KN260/N

Ampoule, vial and syringe packing in sealed trays

FARMO RES

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Pharma

KN260/N

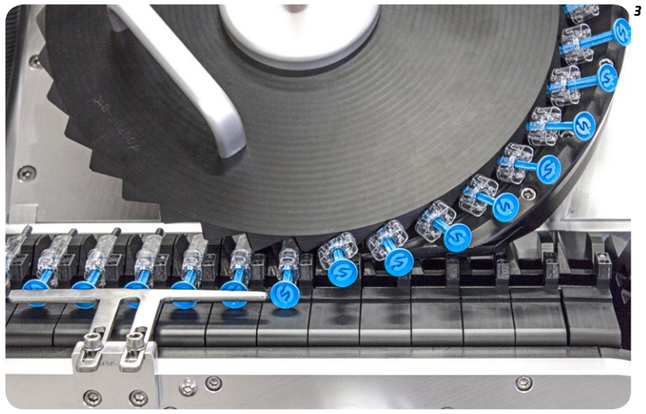
Ampoule, vial and syringe packing in sealed trays

MAIN CHARACTERISTICS

Machine model: automatic thermoformer
Containers: trays in laminated plastic
Commands: PLC
Actuating systems: pneumatic, electric and brushless motors

1 - vial loader with Robot

2 - vial transport on vibrating table



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KN260/N

WORKING SEQUENCES

1. Heating station. The PVC material is brought to temperature by the heating plates to allow the tray forging.
2. Forming station. The heated material is formed into trays with a moulding group, mould, counter-mould, vacuum and blow off.
3. Loader. Automatic vial, ampoule and syringe loading.
4. Checking station. The trays are checked in this phase with mechanical touch pins or te-lecamera.
5. Cutting unit. The joined trays are separated into singles and cut into the desired shape.
6. Waste cutting station. This group cuts and ejects the waste created by the cutting die.
7. Waste eject station. This station ejects the trays with splices in the forming material, the completely empty trays and those partially full have separate exits.
8. Orientation. The trays rotate at 90°.
9. Alignment. This arrange all the trays on one conveyor belt for link up with che cartoner.

KN260/N TECHNICAL DATA

Production	30 cycles/min *variable according to format*
Forming material	PVC, PET, PS *and other thermorming materials*
Power supply	Electrical: 400V - 50Hz (3p+N+PE) Pneumatic: 6 bar
Max. forming area	260 mm *(web width)* x 260 mm *(pitch)*
Max. forming depth	40 mm
Reels Forming Standard	ø max. 600 mm core inner diameter 74÷78 mm
Reels Lidding Standard	ø max. 300 mm core inner diameter 74÷78 mm
Working Environment	Temperature Min. 15°C – Max. 30°C Relative Humidity Min. 30% – Max. 70%

***3** - syringe loader*
***4** - carpule or liquid re-fill packaging for e-cig*
***5** - ampoule packaging*