

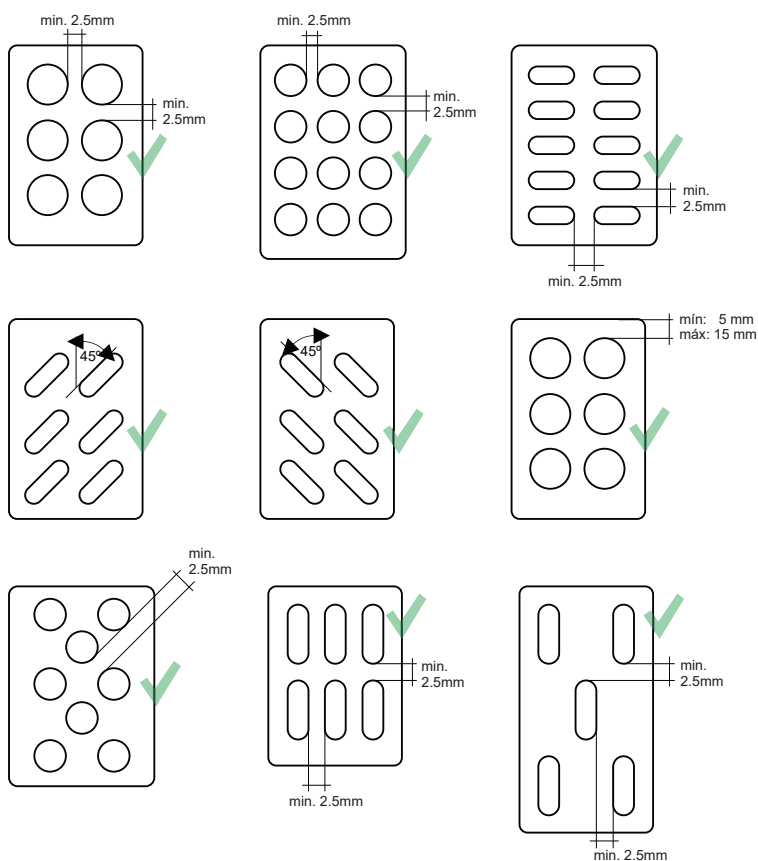
AIVAK

Robotic Unit-Dose
Preserving Primary Package



- Select cutting parameters in the operator interface screen before cutting and printing and, avoiding all possibilities of wrong identification
- Synchronize with HIS through our exclusive **Opus 5.0 Software**. Includes 190+ minibula instructions and alerts with drawings for 2,000+ medicines
- All mechanism is enclosed giving very low noise in the room
- Prints additional color on the package for medicine class identification
- Produce easy tear off strips of «n» units for tidy stock organization
- Production rate **1.500 to 2.200 cuts and unit-dose** per hour.

Classic configurations of the blister to cut



Cutting System

- Minimum distance required between bubbles is 2.5 mm
- Distance from the edge to bubble should be between 5 and 15 mm
- Orientation to 45 degrees is possible
- Alternate position of pills is not a problem
- Also cuts blister with aluminium foil in both sides
- Magazine capacity is up 500 mm and depending on blister thickness up to 150 units to cut before reloading
- Ask our Technical Department for a more thorough configuration checking
- This system usually cuts more than 90% of the required cuts in the hospital

Advantages

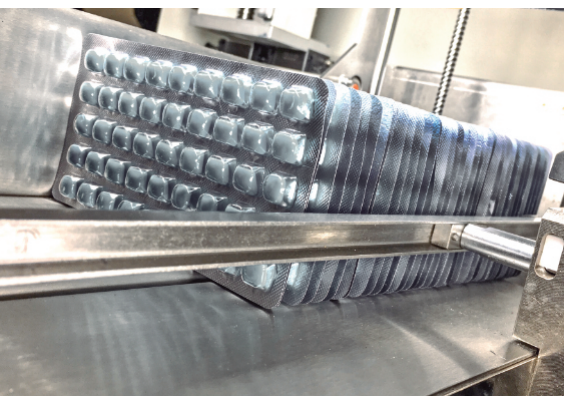
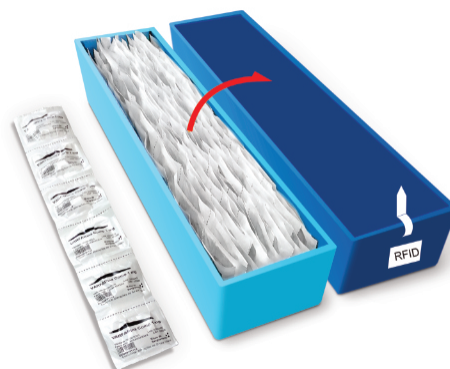
Several Safety Tools added to your Process

To keep the pill inside the blister without microbiological and contamination risk is a huge pharmaceutical advantage. To check printing information, color and shape of blister on both sides before each cutting cycle is also a safety tool. To insert information of the route of administration, alerts and advices to each med with an additional color alert is a required safety procedure. Serial code number can be added for further tracing. **Opuspac System** Tools (see details in our blog), includes many other safety methodologies.



Unit Doses Production in Safe Stock

AIVAK not only avoids losses in the entry stock - because unit-dose packaging is made immediately after receiving - also can produce strips of «n» packages with pre-cut and then manually inserted at safe drawers with tamper evident. Also weighted and checked its amount of unit. These drawers are ready to insert in the next step: robotic picking device **Opuspick** for Central Pharmacy.



Higher Production Rate and Reliability

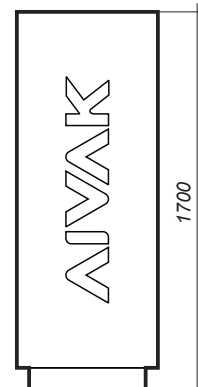
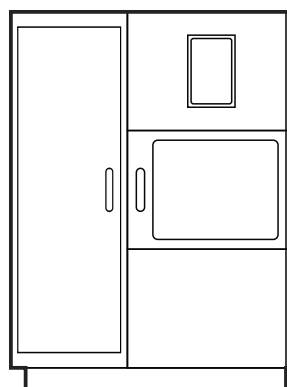
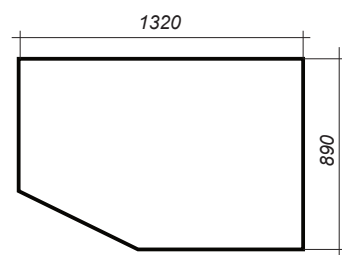
With AIVAK you can convert meds in unit-dose before sending it to stock, because high output makes possible that goods received today are processed today or tomorrow. Carton box packages are discarded in the beginning of the process so the product has no commercial value after that, avoiding losses. Roll stock has 15,000 units making the loss of time to change roll 7 times less than in other equipments.

Conclusions

- Now it is possible to keep tighter safety procedures due AIVAK's robotic technology
- AIVAK's high production allows to serve hospitals with up to 1,100 beds (one shift)
- Opuspac has a total Logistics cycle with robotic machines included
- With increasing healthcare cost everywhere is most important to choose technologies reducing fixed cost
- Opuspac attends 750 hospitals in 21 countries. CE Certificated

**Our equipment may change without prior notice due to constant technological improvements.*

Dimensions (mm)





Other Opuspac Solutions



Opus Flag

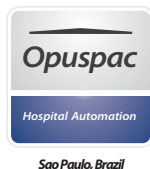
Labeling of ampoules and vials up to 25 mm diameter is now possible with 2.200 units per hour.

High volumetric yield for further stockage at dispensing cabinets.



Opuspick

Electronic Picking provides the dispensing process with greater stability. You can do patient-oriented Centralized Logistics by preparing the exact drugs and materials that the patient requires at a certain time of day. It is also possible to use Opuspick to load Satellite Pharmacies (Distributed Logistics). The equipment is configured according to customer requirements in size and number of boxes.



www.opuspac.com
blog.opuspac.com
info@opuspac.com

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instalations in 21 countries**