

Sealing Machines



Customised blister sealing machines
for superior seal performance



Designed and built by Nelipak[®], a range of custom made sealing machines ideal for Class 7 cleanroom use.

Easy to operate with low maintenance requirements, these high performance tray and blister sealers come with a range of options to suit any manufacturing need.

Suitable for medical device and pharmaceutical cleanroom operations, they seal a range of coated lid stock including Tyvek, paper, film or foil. Nelipak[®] in-house produced matching sealing tools ensure validated seals when used with our blisters and machines.

Nelipak Services:

- Medical Packaging
- Sealing Machines
- Validation
- Product Development
- High Performance Applications
- Transport Totes
- Medical Rigids
- Robot Handling Trays
- Total Packaging Solutions

Sealing Machines

Sealing machines for cleanroom use

Blister or tray packaging has to be sealed once the product has been inserted. Issues such as ensuring sterility and high quality presentation to promote sales are critical to product success.

CE marked machines ideal for Class 7 cleanroom use feature:

- Single station table top sealers
- Free standing with rotating stations - 2 / 4 station options
- Linear sealing machines with up to 16 stations
- Analogue or PLC control for recipe storage
- Quick tool change systems for sealing tools & profiled heat plates
- RFID tagging for tools & plates readable by PLC models

Custom built sealing lines with varied automation options:

- Height adjustable frames on select models
- Preformed tray feed
- Robotic pick and place of lidding
- Vision inspection
- In-line printing
- Loading / unloading

We guarantee that by using our blisters, machines and sealing tools in combination with recommended lids, you will be able to run an optimised packaging operation capable of achieving solid, validated seals, seal after seal.

BENEFITS

- A range of available machine options
- Custom handling automation
- Quick change tooling system
 - Switch sealing die in under 30 seconds
 - Semi automatic heat plate switch over and operational in under 15 minutes
- Analogue or PLC control options
- Cleanroom compatible with HEPA filter
- IQ, OQ, PQ validation services
- On site training manufacturing
- In-house manufacturing sealing dies
- On site servicing

DIVERSE CAPABILITIES

- Design, development and manufacturing
- Lidding material stock - printed / unprinted
- Cartons - printed product shippers
- Die cards - HDPE mounting cards
- Validation studies - transport / quality
- Contract packing - assembly / packing
- Material supply

NELIPAK® IN ACTION

A leading injection molding company working closely with the pharmaceutical market needed to ship high volume auto injector parts in sterilised sealed trays to the end client. To reduce handling and increase throughput, Nelipak® custom built an automated four station sealing solution with robotic pick and place of loaded trays into the sealing die. Lid stock is robotically placed on the tray before entering the sealing station. After sealing the tray is picked from the nest and placed on a conveyor for overprinting with batch information, data confirmation by vision system before release to the packing lines for shipment.



HEAT SEALED PHARMACEUTICAL TRAY

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