

Rotary Sealers



NX-B Free standing rotary medical tray and blister heat sealer



Nelipak[®] custom built rotary tray and blister heat sealing machines. Easy to operate, these machines feature low maintenance requirements and are designed for class 7 cleanroom use.

Customizable, these flexible machines meet the demands of high volume production runs or mixed short runs requiring quick turn-a-round of both sealing tools and machine settings.

Nelipak Services:

- Design Services
- Medical Packaging
- Validation
- Prototyping & Tooling
- Pharmaceutical Packaging
- Transport Totes
- Robotic Handling Trays
- Work In Progress Trays
- Total Packaging Solutions



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A range of tray sealers suitable for medical device and pharmaceutical cleanroom operations. Nelipak machines seal a variety of coated lid materials including; Tyvek®, paper, film or foil. These flexible machines are available in 2 and 4 station versions and customizable to meet your specific needs.

PLC controls with options for in-line lid stock pick & place, robotic handling of trays and in-line printing of lids. Easy to operate and maintain, Nelipak's reliable sealers feature Quick Tool change sealing dies and profiled heat plates with RFID readable tags linked to machine recipes. Our expert teams offer on-site, training service visits, machine calibration and validation services.

TECHNICAL SPECIFICATIONS

Weight without tools	: 450 kg PLC version
Footprint (width, depth, height)	: 1750 x 1380 x 1450mm
Air consumption/required pressure	: 24 L per cycle at 7 Bar / max. 8 Bars - min. 6 Bars
Power supply / power consumption	: Single phase 220 - 230V - 50Hz / 2.5kW
Net. sealing area	: 420 x 320mm (not combined)
Max. temperature	: 160 °C, PLC controlled min. 100 °C max. 160 °C or 180 °C (option)
Max. noise pressure	: < 70 dB (A)
Max. height tray	: 135mm
Maintenance pneumatic components	: Requires no lubrication or maintenance during their further service life
Control Parameters	: Siemens PLC and Siemens touch screen : Programmable via touch screen and stored as recipe
Parameter adjustability	: Seal temperature 0,1 °C, sealing time 0,1 sec., seal pressure 0,1 Bar**
Saving sealing parameters	: Possible per sealing cycle**
Machine security settings	: Via password login with 6 access levels **

***Note: data based on PLC machine version*

BENEFITS

- PLC standard or optional Analogue model
- 2 and 4 station options
- Class 7 cleanroom compatible
- Ejector for easy removal of sealed trays
- RFID tagged dies / plates linked to machine recipes
- Quick tool change over system
- Network RJ45 socket, 2x USB connection for printer or USB stick
- IQ, OQ, PQ validation programs available
- Custom built sealing dies & heat plates
- Machine options for:
 - In-line printing of lids
 - Pick and place of lid stock
 - Vision inspection
 - Height adjustable machine frame
- CE marked

ALSO IN OUR RANGE

- NX-T1 PLC control single station table top
- SH-BT1 Analogue single station table top
- AH Linear featuring automatic feed, lid placement, inline printing, robotic handling
- Storage cabinets for sealing tools and heat plates



Contact the Nelipak® Product teams at:

Nelipak® Corporate Head Office

21 Amflex Drive, Cranston
RI, 02921 USA
P +1 401 946 2699
E info@nelipak.com

Americas Offices

Whitehall, PA
P +1 610 261 2100
Liberty, NC
P +1 336 622 2100
Phoenix, AZ
P +1 602 269 7648

Caribbean Offices

Humacao, PR
P +1 787 285 2100
Heredia, CR
P +506 22 393 856

Europe Offices

Venray, the Netherlands
P +31 478 529 000
Galway, Ireland
P +353 91 757 152



www.nelipak.com