

Noack T 4

Blister Packaging Line

Packaging - Processing

Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com

 **Romaco**
EXCELLENCE THROUGH INNOVATION

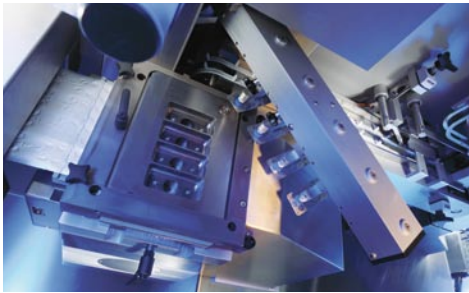
Noack T 4 – the new standard of blister packaging

Noack T 4 – a blister packaging line with direct blister transfer from the blister machine to the cartoner, thus increasing efficiency in production and a saving of footprint area, crucial in today's competitive Pharma production. The line is based on the already highly successful Noack 900 series blister machine and the innovative PC 4000 series continuous motion cartoner from Promatic.

The T 4 provides the customer with maximum efficiency and flexibility, minimising change over times and life cycle cost. This to give the customer an up to date modern blister packaging facility.



QuickFeed



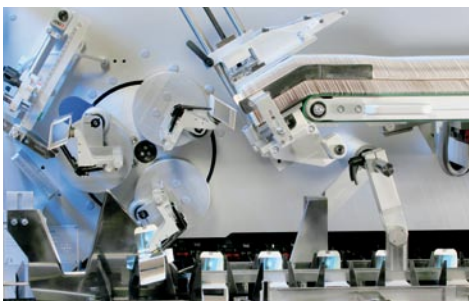
QuickTransfer



Forming area



Transfer to cartoner



Innovative handling systems



The new T 4 blister packaging line offers many possibilities with standardization of modules, whether it be platten or rotary sealing. Each customer can define and select their preference to suit their individual needs and their product.

This choice will not compromise our already innovative applications such as the QuickFeed and QuickAdjust. This modular concept allows for a high degree of customization, together with the shortest delivery times.

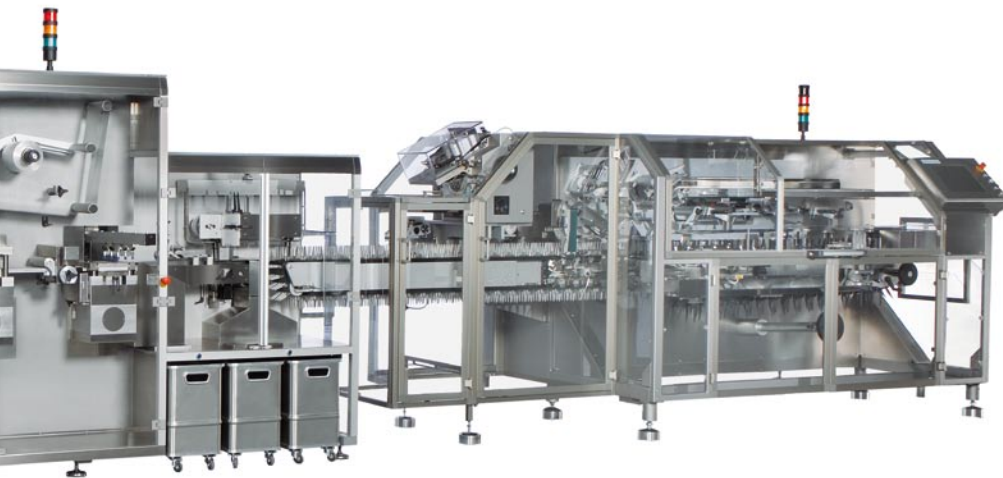
Further criteria during the conception of the new 900 series were the energy efficiency, sustainability and the ability to recycle many of the used materials and components.

The 900 series / T 4 still maintains its position in the market place as having high outputs within a small footprint area.

Applications

- ◇ Small and medium batches
- ◇ 24/7 production
- ◇ Focus on life cycle costs
- ◇ Sustainability

Packaging - Processing
Bid on Equipment
 1-847-683-7720
www.bid-on-equipment.com



Highlights

- Output of up to 400 blisters/min
- Processes all common thermoformable films
- QuickFeed and QuickFeedMotion for fast and reliable product feeding
- QuickAdjust – auto-adjustment for coding, perforation, cutting
- QuickTransfer – direct transfer to Cartoning machine
- Most advanced servo technology
- XML-control with touchscreen panel
- Full cGMP compliance
- Easy operation and maintenance
- Quick and tool-free format-change
- Maximum compatibility for existing format parts
- Small footprint



Unrivalled Design Features

QuickTransfer

The newly developed, innovative direct blister transfer to the cartoner. This unique system allows a direct and controlled transfer of blister regardless of the blister configuration being longitudinal transverse.

QuickFeed

New from Noack is QuickFeed, a completely removable feeding system for maximum versatility and ease of changeover. After unclamping by hand, a unique airglide system enables removal and replacement. The unit for the next batch can be prepared in advance and exchanged with the QuickFeed unit on the machine in a matter of seconds. Complete separation and accessibility guarantee ease of cleaning and validation.

QuickAdjust

in Sealing, Perforation and Die-Cutting

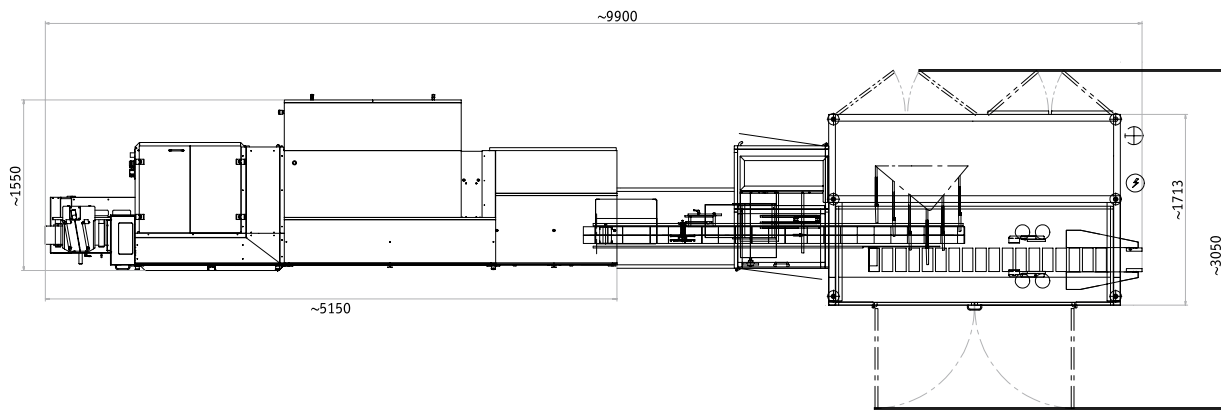
Constant in-process auto-adjustment with integrated high-accuracy laser detection and newest servo technology ensures consistent high-quality blister packs throughout the production run regardless of production speed or operator skills.

Versatile Blister Layouts

Lengthwise or crosswise over the web – blisters can be transferred laterally or parallel to the running direction, providing high flexibility in format design for maximum performance in production.

Fast-Track-Tooling Service

Genuine Noack format parts guarantee performance and are available on rapid turn-around, allowing users to respond to market challenges quickly. Genuine Noack format parts will be delivered complete with qualification documents for fast production start. Format drawings can be provided within one hour of receiving product and material specifications.



Key Technical Data T 4

Machine dimensions approx., in mm	9900x1800x2200
Foil width max, in mm	165
Forming depth max, in mm	12
∅ Forming film max, in mm	400 (700)
∅ Lidding foil max, in mm	300
Blister output max	400 blisters/min 400 cartons/min

A Complete Package

The Noack tradition of building flexible, robust and easy-to-operate blister machines has established the company as the supplier of choice to the contract and generics markets, where fast changeover, reliability and high utilization are essential. The changing nature of the pharmaceutical sector means that these ideals are now applicable in every pharmaceutical plant in every part of the world. As such, the

appeal of the Noack philosophy is now universal. In the forty years since Noack launched its first machine for the newly emerging blister market, the company has offered a unique blend of innovation and traditional values, established a loyal following in the blister packaging sector. Noack doesn't just deliver machines: we deliver performance too. Our extensive menu of after-market service is designed to fit seamlessly with your in-house engineering resource, assuring

maximum performance and a long life for all your Noack machines.

- ◇ Tooling service
- ◇ Planned maintenance
- ◇ IQ-/OQ-assistance
- ◇ Spare parts delivery
- ◇ Pre audit machine inspections
- ◇ Training programs

Romaco
Noack

Romaco Pharmatechnik GmbH
Am Heegewald 11
76227 Karlsruhe
Germany

Phone +49 (0) 721 4804 0
Fax +49 (0) 721 4804 225

noack@romaco.com
www.romaco.com

A Unit of Robbins & Myers, Inc.

Packaging - Processing
Bid on Equipment

1-847-683-7720

www.bid-on-equipment.com