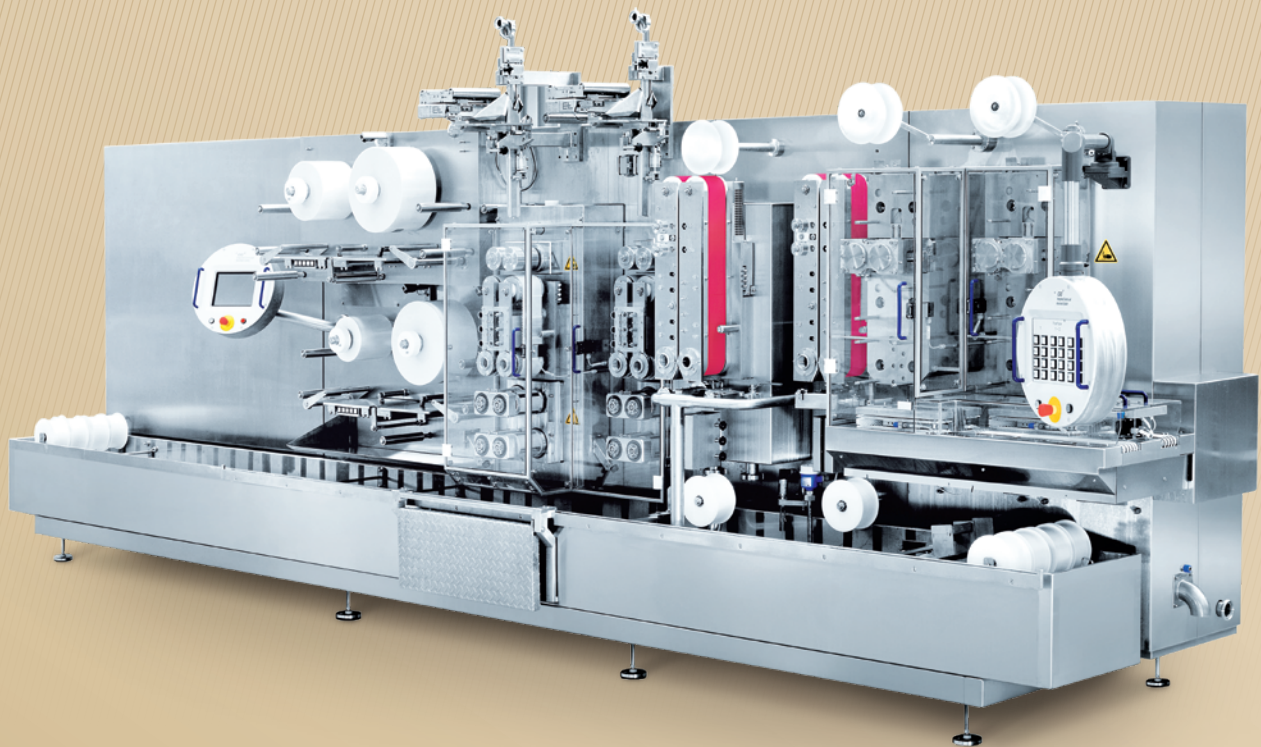


HIGHEST EFFICIENCY IN WRAPPING

Producing individually-wrapped processed cheese slices (IWS) using a continuously operating production method.



Core machine

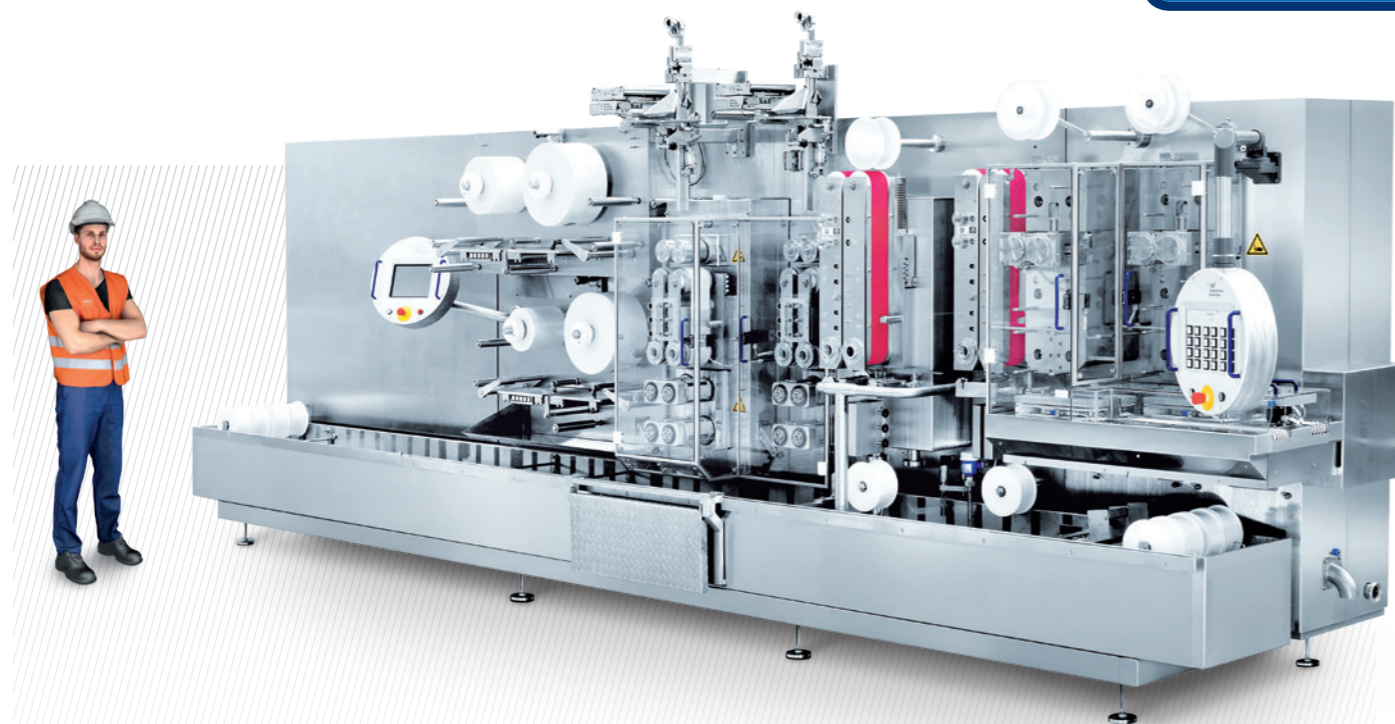
FreePack[®] 2000

natec

FreePack® 2000

natec

The **Natec FreePack® 2000** machine produces Individually Wrapped processed cheese Slices (IWS) using a continuously operating production method. Wrapping is performed without risk of recontamination using the hot-fill system. The PP foil used is environmentally friendly and recyclable. Exact sealing ensures the product to be securely wrapped and sealed. The individually-wrapped slices are easy to open. They are of exactly uniform weight and accurately stacked in piles which remain in exact position during transport from the **FreePack®** to the flowpacker.



Forming & portioning



Processed cheese

+ Benefits

- » Plastic foil need reduced by 20 % due to small and efficient welding seams
- » Unique cutting and stacking technique which arranges and coordinates individually-wrapped slices into exact piles
- » High operator comfort and trouble-free production thanks to the central control and surveillance system
- » Less give away thanks to consistent weight by means of a constant control system
- » Twin production: each of the two independently operating lanes produces up to 1,000 slices per minute – this makes the production of two different cheese types at the same time possible

+ Options & attachments

- » Dosing tank
- » Buffer table
- » Inkjet printer for marking ("open here")
- » Metal detector
- » Slice format 86 x 86 mm
- » **IWS MixStacker**
- » **LineConverger**
- » Further options available

+ Technical data

Machine data

- » L x W x H: 7,250 x 1,320 x 2,750 mm (285" x 52" x 158")
- » 400 V, 50 Hz, 3 phase / 15 kVA

Cooling water

- » Hygienically pure water at an operating temperature of approx. 3 °C (37 °F)
- » Equipped with an integrated secondary cooling circuit including a heat exchanger and a circulating pump

Slice weight

- » Infinitely adjustable from 13 – 30 g
Depending on the cheese texture
- » Option: 30 – 42 g

Execution

- » According to CE guidelines

Capacity data

- » Max. 2,000 slices/min
= 2,400 kg/h (5,300 lbs/h)
- With 10 slices of 20 g each in 200 g packages

Processable cheese solids

- » Water content 40 – 56 %
- » Dry matter 44 – 60 % with 45 % fat content
- Depending on the real cheese recipe

Package sizes

- » Stacks of 3 – 25 slices possible
- » Max. stacking height: 75 mm (3")

Utilities

- » Compressed air: 10 m³/h at 6 bar
- » Fresh water for cooling
- » Cooling: 220 kW / 750,700 BTU/h

Slice format

- » Slice thickness variable from 1.5 to 3.5 mm (0.06" – 0.14")
- » L x W: 84 x 84 mm (3.3" x 3.3")
- Excluding sealing seam: 2 x 2.5 mm

Contact free sealing

- » The film tube is sealed without any contact: No wear and tear parts at the longitudinal sealing



SUCCESS GENERATING FOOD TECHNOLOGY

Hochland Natec GmbH, Gold Peg International Pty Ltd and Natec USA LLC joined forces to form an international network of food processing companies – the **Natec Network**. Always team spirited and leading in flexibility, quality, and innovation the network delivers customised equipment and production lines for key challenges in food processing and at every stage of business development. In order to meet the customers' requirements, even at the start of a project, the network uses its own specific service framework which combines extensive experience and professional expertise along with a drive for innovation.

The result is technology and support that is crucial in contributing to the value and development of our customers in the food production industry. The love of generating and implementing cutting edge ideas with great impact, as well as the willingness to tailor technology that can exceed the customer's targets, lets the **Natec Network** always strive to unlock business and human potential in a sustainable way with integrity – and thus be a partner who provide more than just technical infrastructure.

» www.natec-network.com



Explore online



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