HIGHEST EFFICIENCY
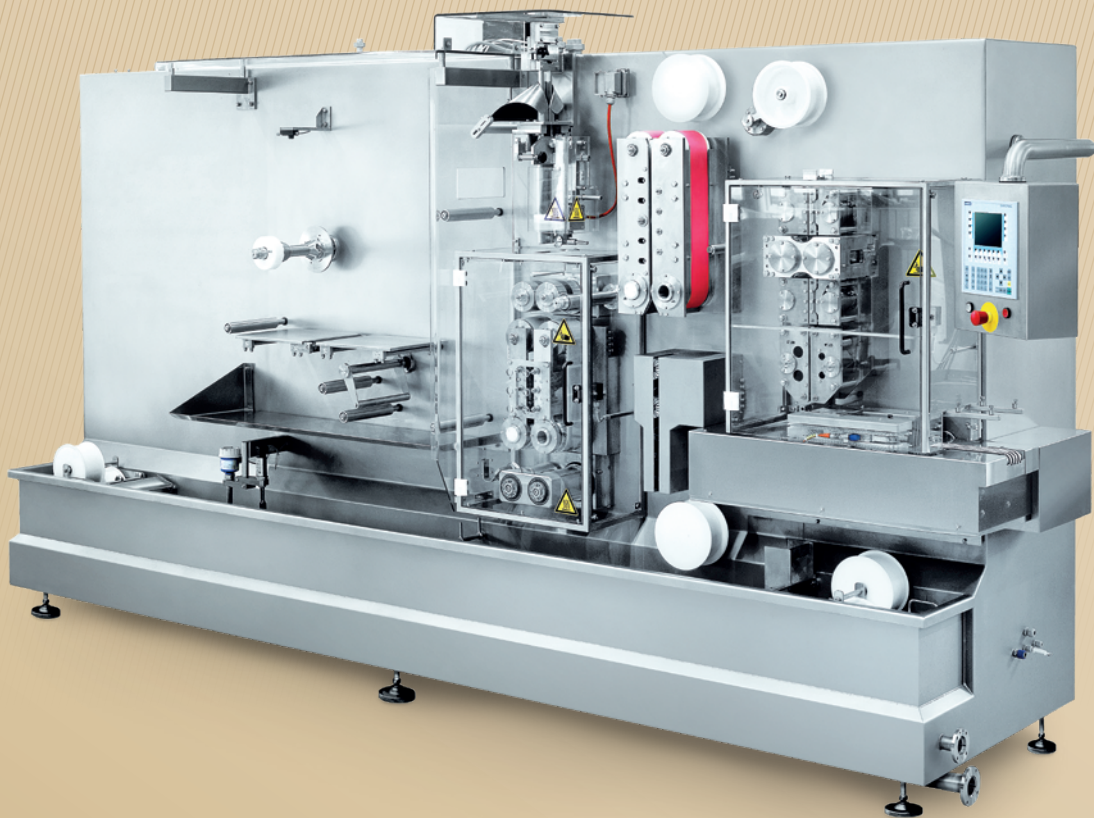## IN WRAPPING

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

⚙ **Core machine**

FreePack® 500

natec

FreePack® 500
natec

The **Natec FreePack® 500** 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**

✿ Options & attachments

» Dosing tank

» Check weigher

» Inkjet printer for marking (*"open here"*)

» Cooling with ice water or glycol

» Metal detector

» Weight control system

» Semi automatic film splicing

» Further options available

⚙ Technical data

Machine data
» L x W x H: 4,200 x 1,100 x 2,200 mm (165" x 40" x 84")
» 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. 500 slices/min = 600 kg/h (1,300 lbs/h)
  Depending on final cheese temperature

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: 3 m³/h at 6 ba
» Fresh water for cooling
» Cooling: 30 kW / 170,700 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**

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