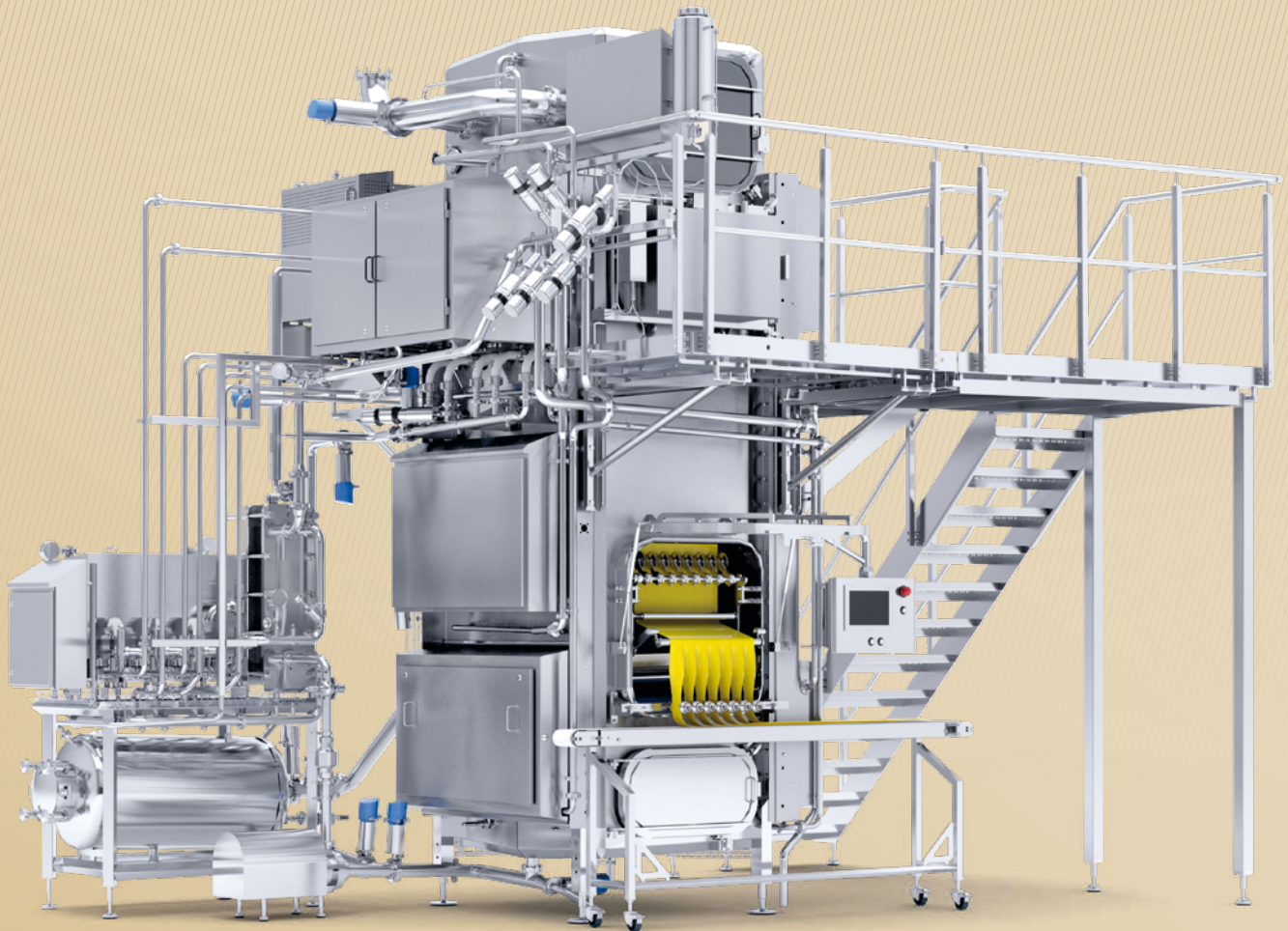


# HIGHEST EFFICIENCY IN COOLING & FORMING

*Producing processed cheese slices (SOS), cubes, shreds  
and sticks in highest quality at minimised costs.*



Core machine

**FreeSlice® 800**

# FreeSlice® 800

The **Natec Network FreeSlice®** system is designed to produce Slice-On-Slice (SOS) cheese as well as – with different applications – cubes, shreds and sticks made of processed cheese, analogue or hybrid cheese.

An integrated laminar flow system makes safe and trouble-free production without any danger of recontamination possible. The **FreeSlice® 800** can also be used for smaller production volumes or for R&D pilot purposes. It is designed as a 'plug-in' system with its integrated cooling unit, which does not need any cooling medium from customer side. The **FreeSlice®** system reduces the manpower required for operating and cleaning to a minimum and the vertical design of the belts guarantees high flexibility in slice thickness and formats.

## + Benefits

- » Comfortable and trouble-free production through central control surveillance system
- » Highly flexible for any application made of processed cheese, analogue or hybrid cheese by different add-ons
- » Optimised product feeding without product build up
- » Integrated laminar flow system – no risk of recontamination
- » Cooling only with water – no icing of belts
- » High flexibility in thickness, formats and cheese types
- » Low maintenance costs
- » Less rework – no trims
- » The system is fully CIP cleanable
- » Cooling from both sides at the same time for smooth surface of slices

## + Options & attachments

- » **CrossCutter XC**
- » **SOS FreeStacker S180**  
(for stacking and grouping of standard size products)
- » **SOS FreeStacker**  
(short version for stacking only)
- » **CubeCutter 300**
- » Rotational casting
- » **LongStacker**  
(for stacking large size products)
- » Oilspraying unit
- » Diagonal cut device
- » Reject unit
- » Dual layer
- » Further options available

## ⚙️ Technical data

### Machine data

- » L x W x H: 5,700 x 5,000 x 4,800 mm  
(224" x 197" x 189")
- » 400 V, 50 Hz, 3 phase / 30 kVA
- Including cooling unit

### Cleaning

- » Stand alone or integrated into CIP system

### Standard thickness

- » Infinitely adjustable from 1.5 mm – 10 mm (0.06" – 0.4")
- Depending on final cheese temperature

### Capacity data

- » 800 kg/h (1,750 lbs/h)
- = 1,050 slices/min with slices of 14 g (0.5 oz) / 76 mm (3")
- Up to four batches per hour

### Execution

- » According to CE guidelines

### Processable cheese

- » Processed cheese (SOS), analogue cheese, hybrid cheese

### Utilities

- » Compressed air: 1 m³/h at 6 bar
- » Fresh water for cooling
- » Cooling: 60 kW / 204,728 BTU/h

### Width of cheese ribbon

- » Up to 550 mm (22")



Forming & portioning



R&D



Processed cheese

**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](http://www.natec-network.com)



Explore online

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