

Automated Cheese Cooler[®]

Tailored rapid cheese cooling



BENEFITS

- The fully automated gentle handling solution removes the need for manual handling.
- Rapid, but controlled cheese cooling process achieves desired flavor, shape and temperature.
- Lower energy bills through the use of high efficiency motors throughout and optimized fan control.
- Eliminates acid spot development with optimized cooling profiles.
- Every block matters, consistent cooling air movement around every block delivers consistent cooling and quality.
- Reduces WIP, inventory and the real estate needed for typical palletized warehouse cooling.
- Ability to cool different products simultaneously using VRT management.
- Configurable to your desired capacity and cooling range requirements.
- Built in buffering capability allows cooler infeed to continue even if outfeed and downstream has stopped.
- Minimizes cutting losses through rapid cooling by firming up good block shape before warehouse storage.
- Proven, robust and reliable solution for Natural and Process Cheese making.
- Simple to operate with intuitive information rich HMI for full supervisory control.
- Provides real time production data and product traceability.

Get in Touch

Contact us today to discuss your “cheese cooling” needs and to find out more:

Email: info@pft.ie | **Website:** www.powerfoodtec.com



Automated Cheese Cooler®

Fully automated cheese cooling to your tailored profile, to achieve optimum flavor and best cutting shape.



Model	Capacity	Power	Cooling	Refrigerant	Block Size	Infeed Height
USA	4,400 - 66,000 Lbs/hr	460V 3Ph 60hz	98°F to 54°F 176°F to 40°F	Ammonia Chilled Water Chilled Glycol CO ₂	22Lbs 40/44lb	Block in Case Block no Case Block in Crate Filled Liner in Crate
EU	2 TPH - 30TPH	400V 3Ph 50Hz	36°C to 12°C 80°C to 4°C		10Kg 20Kg	

FEATURES:

- Automatic cooler management software ensures all process parameters have been satisfied prior to product out feeding.
- Gentle handling and transfers of cheese block throughout.
- Independent in and outfeed with options for multiple infeeds.
- Modular approach enables possible capacity expansion in the future.
- Robust construction and mature cooler design delivers superior reliability and long life.
- Touchscreen HMI and full SCADA interface options for cooler and conveyor systems.
- Intelligent software optimizes elevator cycle times and empty shelf storage.
- Remote support and troubleshooting available.
- All production and machine data is available for customers plant SCADA.
- Turnkey system design and supply of cooling solution, block handling and palletizing.



POWER FOOD TECHNOLOGY LTD

Site 1E, Clane Business Park
Clane, Co. Kildare, Ireland
Tel: +353 (45) 82 0081

10053 Simonson Road, Suite 3
Harrison, Oh 45030, USA
Tel. +1 (513) 401 8281

