

## Snellman Pietarsaari, meat processing plant

### Snellman Oy

Oy Snellman Ab (turnover 148 MEUR in 2008) is a Pietarsaari-based family business which has been producing high-quality meat products since 1951. Operations include acquisition, slaughter, meat cutting and processing. Snellman's main production plant in Pietarsaari has been in operation since 1993. Almost all of its refrigeration solutions have been supplied by Scancool.

### Comprehensive services for Snellmann

Scancool offers comprehensive refrigeration services on a "turn-key" basis. Scancool has co-operated with Snellman for several years on a turn-key basis and also provided 24/7 maintenance service. In heating engineering we have supplied Snellman with heat exchangers for the steam plant, valves as well as piping and related installations.

#### Main refrigeration components:

- *Compressors:* Grasso, Gram
- *Heat exchangers:* Alfa-Laval, Fincoil
- *Valves:* Danfoss, Herl, Vexve
- *Pumps:* Grundfos, Kolmex
- *Electric switchgears:* SK-Kojeisto
- *Automation:* Siemens S7

### Refrigeration key figures

- ✓ Refrigeration capacity is approx. 10 MW in two machine rooms
- ✓ The refrigerant used is ammonia, NH<sub>3</sub>
- ✓ Pig and cow shock plus a deep freeze storage facility, -30°C
- ✓ Fast refrigeration and freeze tunnels, -40°C
- ✓ Cooling of the production premises, -10°C
- ✓ Product-specific refrigeration solutions



The picture shows a 2002 built -10°C machine room and four 1 MW Grasso screw compressors.

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