

Kesko Hakkila, logistics centre (Keslog)

Kesko Oyj

Kesko is the leading provider of trading sector services in Finland and a highly valued listed company. Kesko's operations include food, home and speciality goods, building and home improvement, and car and machinery trade. Kesko Food is an operator in the Finnish grocery trade. K-retailers are responsible for customer satisfaction at the more than 1,000 K-food stores.

Refrigerating equipment for the central storehouses KV1 and KV2

In 2006-2010 Scancool has supplied an indirect refrigeration system to the central storehouses KV1 and KV2 in Hakkila in the City of Vantaa for Kesko's logistics company Keslog Oy. Apart from refrigeration machinery, the delivery also included complete automation and electricity. The installations were carried out while the logistics centres were operating 24/7.

A comprehensive service solution for Kesko

Scancool offers comprehensive refrigeration services on a "turn-key" basis, including 24/7 maintenance service.

Main refrigeration components:

- *NH₃ solution coolers:* Grasso
- *Heat exchangers:* Ekocoil
- *Automation:* Siemens S7
- *Pumps:* Kolmeks

Refrigeration key figures

- ✓ Refrigeration capacity is approx. 7 MW in three machine rooms
- ✓ The refrigerant used is ammonia, NH₃
- ✓ 7 Grasso NH₃ chillers
- ✓ Approx. 400 air coolers
- ✓ Stainless steel pipework 15 km
- ✓ 2 WinCC control rooms, about 6000 IO



Keslog KV2 central storehouse in Hakkila, Vantaa, a 2009-2010 built machine room, 6 x 500 kW Grasso NH₃ chillers plus air coolers for the dispatch area.

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