

Materna IT Service Provider Dortmund



Compact ice storage system for efficient air conditioning in a new office building

Project

Materna Information & Communications SE is a global IT service provider with more than 4,000 employees. Its headquarters are in Dortmund. Materna develops and distributes digitization solutions for public administrations, airports, and medium-sized and large companies.

Scope of delivery and services

- ❄ Design, manufacture, and delivery of three ice storage modules for the air conditioning of an administrative building

Technology

- ❄ High-performance ice storage tank type sp.ICE 40'
- ❄ High-performance ice storage tank type sp.ICE 10'

Performance data

- ❄ Storage capacity: 10,000 MWh
- ❄ Charging time: 8 hours
- ❄ Charging capacity: 1,250 kW

Commissioning

2023

