

Good atmosphere beneath the Stachus

Client:

Stadtwerke München

Construction / Assembly site:

Stachus Centre,
Karlsplatz, Munich

KAEFER services:

Organising thousands of components in a building site 5 storeys underground: a logistical triumph.

Timeframe

2008 bis 2012

„Stachus“ is the nickname given by the residents of Munich to the „Karlsplatz“ square in the heart of the city. So they were very proud when in 1970 Europe’s biggest underground building complex was opened there, with shops and modern railway stations. 40 years later it was high time for the renovation and refurbishment of the 100,000 m² on 5 underground levels. Since work was completed new restaurants, retail space and public transport stations have brought glamour and a breath of fresh air to the Munich city centre. KAEFER was one of the main contractors on the site. 22 gigantic air-conditioning units, connected by more than 14,000 m² of ducts, ensure that the air is clean and fresh for a shopping tour or the journey to work.

> Heat insulation



> Cold insulation



> Noise protection



> Fire protection



> HVAC



Scope of work

- > Replacement of ventilation ducts, air-conditioning and ventilation systems
- > Retrofit of heat recovery components
- > Passive fire protection work

Implementation

- > Removal and disposal of 22,000 m² of ventilation ducts, fire-resistant cladding and insulation
- > Delivery and installation of more than 14,000 m² of air ducts and preformed components
- > Delivery and installation of new air-conditioning and ventilation systems on 100,000 m² in 5 underground levels

Customer benefits

- > Time saving due to disposal and replacement by a single supplier
- > Work was carried out during ongoing operations with minimum interruptions
- > Efficiency thanks to central management of demanding logistics
- > Energy optimised as all HVAC components were brought up to date and carefully coordinated with one another

Our locations in Germany

