



*Building technology
that creates added value*



Mechanical



Building Automation



Electrical



Service & FM

www.rom-technik.de

A Leader in Technical Building Services

From individual services to complete systems

ROM Technik stands for competence in the planning, construction and maintenance of Technical Building Services (TBS). More than 2,300 employees ensure that people can live and work optimally in modern building complexes, including industrial, office and public buildings, as well as research facilities and cleanrooms.

As a quality leader in equipment construction in the TBS sector with over 160 years of experience, we work with state-of-the-art construction, planning and project management methods such as BIM, pre-construction and lean construction. Our benchmark is the satisfaction of our customers, which we ensure through timely and cost-effective delivery and perfect quality.

With our comprehensive know-how, we can accompany our customers through all TBS subsectors, whether for projects based on service specifications or functional performance descriptions or for EPC turnkey projects as design & build solutions. Due to our high flexibility, performance strength and experience, ROM Technik is able to successfully realise customer projects of any contractual form and dimension.

For us, customer orientation means: We are masters in your field and speak your language. In this way, we ensure perfect project management for you and develop solutions that make your building or plant more efficient.



Cleanrooms & Laboratories



Pure Media Technology



Automation Technology



Research & Development



Building Automation



Industrial Air Technology



Communication & Security Technology



Control Centre & Safety Technology



Power Supply



ROM Technik Research & Development

One of the leading building technology laboratories in Europe

Modern thermal and flow technology laboratory

At our Hamburg site, our specialists concentrate on the simulation of flow and thermal engineering processes on and in buildings and plants. Results obtained through model or on-site tests can be directly put into practice. In combination with the simulation tools of research and development, this enables us to answer even the most complex questions.

Building, plant and flow simulation

ROM Technik's R&D has more than twenty-five years of experience in building and plant simulation. In addition to the use of commercial simulation tools for building and flow simulation, our experts use self-developed plant simulators which can dynamically calculate ventilation and energy systems of any complexity.



Tailor-Made Technical Building Solutions

Selected subsectors or integrated systems as required

ROM offers you the complete range of technical building services: conception and planning, construction and operation of ventilation and climate technology, heating, cooling and steam supply, water supply and disposal, including smart monitoring and control systems. In doing so, we ensure maximum energy and resource efficiency.



Mechanical



Our Range of Services

- Heating and cooling technology
- Ventilation and climate technology
- Supply systems and industrial pipeline construction for steam, hot, cold and cooling water
- Cleanroom technology with in-house products, such as cleanroom ceilings, filter fan units, cleanroom sluices, etc.
- Pressurised air, gases and media for industrial processes
- Renewable energies, geothermal energy and CHP
- Heat recovery and waste heat utilisation
- Energy units and power generation
- Energy efficiency measures
- Sanitary technology supply and disposal systems



Intelligent, Efficient Energy Supply

Innovative and well-thought-out solutions

In the wake of the energy transition, the energy market is constantly changing. The electrical supply of building complexes therefore requires flexibility, inventiveness and intelligent solutions. ROM offers the entire implementation of supply systems, from conception, data technology and power supply to maintenance and repair.



Electrical



Our Range of Services

- Medium voltage, protection and control technology
- High and low voltage technology
- Safety and lighting technology
- Voice control, light call and access control systems
- SHD systems
- Information, communication and media technology
- Systems to increase network quality
- Electrical supply systems with high availability
- UPS and emergency power supply systems
- Transformers
- Low voltage main distribution systems



Perfect Systems for Building Automation

Monitoring, controlling, regulating, optimising complex processes

We develop sophisticated, individually tailored systems for your building automation. Perfect for your requirements. Efficient, performance-tested and as comprehensive as you want: from the feasibility study to implementation with our own and third-party products to initial operation and certification support.



Building Automation

Our Range of Services

- Monitoring and trend analysis
- BMS systems
- Virtual cloud-based systems
- Validation and qualification of pharmaceutical plants
- Modular, flexibly designed and neutral DDC/PLC systems
- Open communication standards such as BACnet, Profibus, OPC, Mod-Bus and M-Bus for building and industrial applications, as well as DALI, SMI, KNX/EIB and EnOcean in room automation
- Energy management and plant optimisation
- In-house switchboard construction
- Training, maintenance and repair



Complete and Comprehensive Services

Professional and tailor-made solutions

ROM's experts in the Service & Facility Management sector support you as a building owner or user in your business processes and secure the long-term value of your property. We accompany you through all TBS subsectors in the realisation of all conversion and modernisation projects. Your goals and your success are our top priorities.



Service & FM

Our Range of Services

- Operations management
- Regular maintenance (inspection, maintenance and repair)
- Troubleshooting
- Emergency service 24/7
- Refurbishment, modernisation, modifications
- Acceptance and delivery
- Implementation
- Decommissioning
- Energy management
- Warranty management
- Documentation

This is What Customer Satisfaction Looks Like

Successful projects are the best proof of our competence



Atlantic Kempinski Hamburg, renovation, refurbishment, AC



Danfoss Silicon Power, expansion cleanroom production building



Hermann Erkert, new building, production building, plant 4



Max-Planck-Gesellschaft, new building, Institute for Solar System Research



Mercedes-Benz Arena, TBM including operator responsibility



Merck Serono, expansion biotech production facility



Münzing Chemie, new building administration & technology centre



Robert Bosch, new building research & administration centre



Robert Vogel GmbH & Co. KG, new building corporate headquarters



Skylabs Development & Construction, new office & laboratory buildings



SLK-Kliniken Heilbronn, new building, Gesundbrunnen medical centre



Universitätsklinikum Düsseldorf, turnkey delivery of GMP pharmacy

Close by throughout Germany

A quick, competent and reliable service partner

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