



GEZE SCANDINAVIA

Healthcare References



SUCCESS IN EVERY AREA

References from the Nordic region

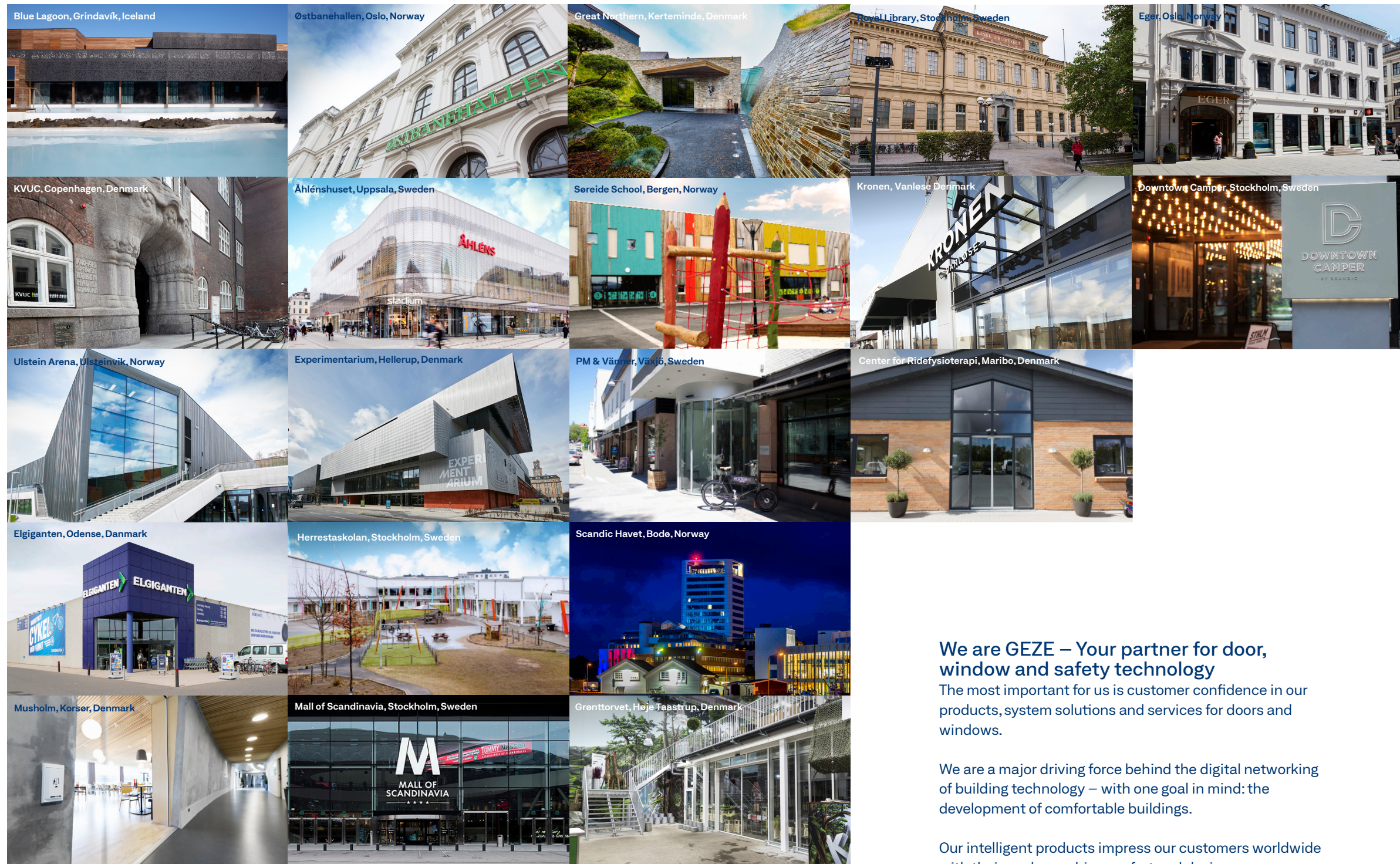
...and many more to come in the future

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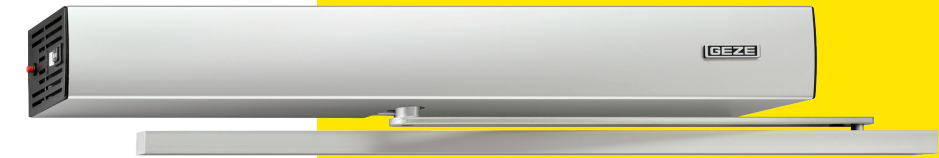


OSLO · NORWAY

The Radium Hospital in Oslo



The Radium Hospital in Oslo initiates the use of the new buildings in the fall of 2024. Created by architects Momentum Arkitekter, Henning Larsen Architects and AART architects, the 45,000 m2 hospital owned by Helse Sør-Øst in Norway is a modern and beautifully designed hospital facility. The Radium Hospital specializes in very advanced treatment, e.g. nuclear treatment of cancer.



GEZE Slimdrive EMD-F

Similar requirements but tailored solutions

Convenience is highly important in health care and nursing facilities, this also goes for the new Radium Hospital in Oslo. On the one hand, personnel need functional and practical architecture for their everyday work processes; on the other, the environment also needs to be convenient, accessible and liveable for patients, residents and visitors. This however is but a short list of demands, for many of the doors in the Radium Hospital. Special treatment and care facilities demand for extreme door environments, and at GEZE the specialists know how to provide the right solutions and comprehensive consultation on the advanced needs.

“As varied as the requirements for health care facilities can be, they also have many things in common: Safety, hygiene, accessibility and convenience are essential for all building users, – regardless of whether they are patients, nursing personnel or physicians.” says Jan Kristiansen, Project Manager at GEZE, and continues, *“However, at the Radium Hospital there are many extreme treatment environments, which means that we have had to find some really reliable and safe door solutions.”*

GEZE Slimdrive EMD-F is a highly reliable and appreciated door drive

Hygiene requirements and regulations are in many situations similar, however in specialized facilities like the Radium Hospital and the like, the demands also vary from building to building. This is why, the experts at GEZE are specialized in tailoring the solutions to the specific setting and scenario. GEZE supplies all door types for hospital buildings. From patient care rooms and public hallways, to operation environments and doors for special treatment areas.

Special door solutions are required at the Radium Hospital

GEZE Special door solutions for hospitals include Hermetic door solutions for operation rooms. The air pressure in the operation rooms are higher than on the outside of the door, and the doors need to seal completely to keep the air pressure. Therefore, the double leaved doors are installed with two opening possibilities; one for a single door leaf to open, when people are passing through and another button for activating both doors to open for bed or equipment transport through the door opening.

For the X-ray rooms and CT scanners, the doors as well as the rooms, have special lead sealing. In cooperation with partners, GEZE offer complete solutions for these door types with automatic drives, safety and hygienic activation.

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“At GEZE, we understand the requirements and regional regulations applicable to the many special doors and safety systems in hospitals or nursing institutions. We can advise you in every phase of your project and serve as your partner, starting with the planning of a new project, right up to the renovation of an existing building.” Jan tells.

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PRODUCT LIST

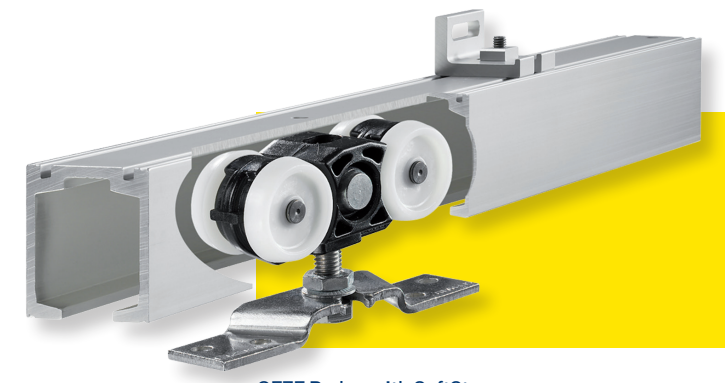
- GEZE Powerturn F
- GEZE Slimdrive EMD-F
- GEZE ECdrive T2
- GC342 safety sensors, for automatic swing doors
- GC339 safety sensor, for automatic sliding doors
- Special door solutions in cooperation with partners

OSLO · NORWAY

The New City Emergency in Oslo



The New Oslo City Emergency Center is a complete new and modern health care building next to the Aker Hospital. The project has a construction of a total of 26000 new m2 and will become a workplace for many people, as well as patients coming in and out the building every day.



GEZE Perlan with SoftStop

The high paced environment demands for a good planning of infrastructure, as well as process flow between examination, operation and diagnostic rooms. Not least the corridors need to be spacy, hygienic and easy to navigate in. The Emergency Center includes operating theaters, recovery rooms, triage room, interview room, around 100 examination/treatment places, as well as radiological diagnostic rooms.

Seamless cooperation

During the visit, the hallways are quiet with almost no people. Pallets are still standing here and there, with products that are still to be mounted, and covering plastic are still visible on doors, windows and floors. Unfinished empty rooms and a few technicians working on their part of this very large project, are to be seen on each store in the large building. Even though, the finishing details of most parts are still missing, it is, however, not difficult to imagine what will soon become the center of a very busy and most often intense, daily urge to help, save and support a lot of people in central Oslo.

A total of 60 door drives are supplied and installed

To each radiological diagnostic room, a special customized solutions is mounted. To each operation room, the automatic sliding door is fit with a GEZE Perlan solutions. To provide the necessary hygienic environment the drives are covered with a special customized cover in aluminum. Each door is operated with security lock, making sure that only approved staff has access to the specific room. To the examination rooms, GEZE has supplied automatic doors with the ECdrive T2. The doors fit perfectly into the new clean design on the Emergency Center and the safety sensor GC339 makes sure the door is always safe to use, no matter the mobility of the patient.

An exciting project to be part of

“Being part of this project has been truly amazing,” says Hallvard Banken, Country Manager GEZE Norway. “We have been able to get into the project at an early stage, cooperating closely with Skanska. With the high expertise of the local GEZE team, we have created customized solutions and been onsite every day to secure the installation in time.

Also, we have had the great fortune to find local partners for special solutions needed in health care buildings like this one. We are truly happy to be able to contribute to the health care buildings in Oslo,” tells Hallvard Banken.

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“Working with GEZE on this project has been absolutely great. The GEZE Project Manager and Technicians on site has had a perfect overview and truly shown full understanding of what has been requested in all cases. The ability to bring the right solutions has been outstanding,” says Skanska’s Production Manager Hans Christian Mogen

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PRODUCT LIST

- 34 GEZE Perlan automatic sliding door with softstop and customized aluminum cover
- 19 GEZE ECdrive T2 Door automatic for sliding doors
- 2 GEZE Powerdrive PL sliding door automatic for heavy doors
- 5 customized automatic door solutions for the special led doors.

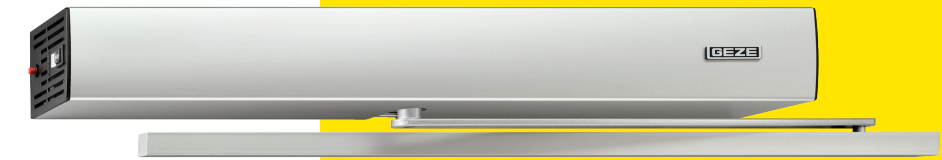
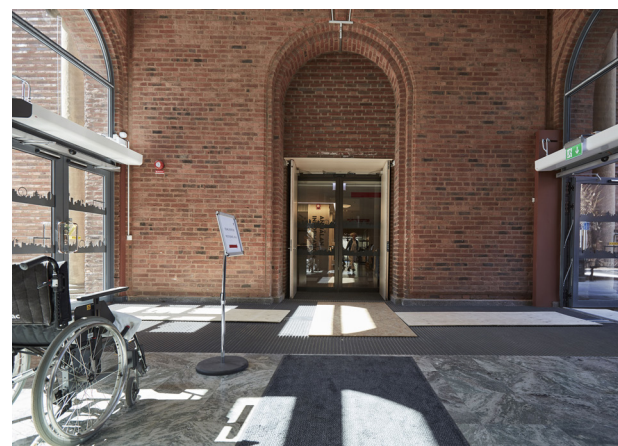
All was supplied and delivered from GEZE with complete doors and door frames.

GOTHENBURG · SWEDEN

The Carlanderska Private Hospital



The Carlanderska Private Hospital in Gothenburg offers a full range of healthcare services, both to private patients and patients who have been referred from public healthcare. The hospital is run as a municipal foundation with the city of Gothenburg as the principal.



GEZE Slimdrive EMD-F

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It's vital for the hospital's daily use that the automatic door systems are safe to use and of a high quality. At the same time it should operate silently and require a minimal level of service. Of course, we ensure regular maintenance of the products, but in a hospital you need to take care of patient well being and disturbances should be kept as few as possible. That is why it is extra important that service and maintenance visits are kept to a minimum, says Simon Wallin, Service Engineer, SafeTeam.

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Extension to the cultural-historical environment

A major extension project was launched in 2014. In cooperation with the architectural agency White, a proposal was presented for an extension of 7,000 m². The goal was, to a large extent, based on building on architect Arvid Bjerke's original intentions for the hospital.

Carlanderska Hospital, with its associated buildings and parks, are included in the conservation programme for Gothenburg and must as such be protected from exploitation. It was therefore crucial that the extension preserved the intention of the original architecture, and only involved a limited section of the park area.

Skanska has been the main contractor on the project, and SafeTeam in Gothenburg has delivered the automatic door systems from GEZE for all of the doors in the new building.

The building is integrated into the original main building via the entrance hall and an impressive glazed walkway.

Complete assembly and future service

The project was officially delivered in April, and is now ready to receive patients. It is SafeTeam service engineer Simon Wallin who has been charged with the day-to-day management of the installation.

PRODUCT LIST

- 27 x single Slimdrive EMD-F
- 10x double Slimdrive EMD-F
- 1 x telescopic door
- GC 334 Safety sensor
- ES 20 Elbow contact

BODØ · NORWAY

The Nordland Hospital



When installing 530 automatic door systems in a hospital, your skills set and versatility are crucial. Bodø Sikkerhet og Lås AS chooses GEZE automatics for The Nordland Hospital.



GEZE TS 5000

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It is a huge advantage to have GEZE's extensive quality selection behind you when undertaking such assignments. The Nordland Hospital in Bodø is a vast project which we have been involved in over the last five years, says Robert Valrygg, CEO of Bodø Sikkerhet og Lås AS.

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Established in 1927

The Nordland hospital has undergone major development since the laboratory and radiography building was opened in 2007, with the K-wing with outpatient clinics and operating theatres opening in 2014, G-wing with offices and hospital pharmacy in 2016, and an expanded and totally renovated granite building, which was opened in 1927.

Major revamp

The Nordland Hospital in Bodø has built a brand new main entrance. The old and the new will be united once Nordland Hospital in Bodø is completed with its major revamp.

Four billion kroner

To date some NOK 3 billion has been spent on the development and once the hospital is complete, the total cost will come in at around four billion kroner.

Once finished, the area of the hospital will be increased by some 25,000 square metres to achieve a total of 75,000 square metres to a minimum.

Special challenges

Each hospital has its own very special challenges, and in Bodø these include mounted doors with sensors that prevent them from closing if there is something or someone in the opening.

“GEZE has an extensive and versatile range of solutions, and it is vital that these relate to wards where people are extra vulnerable when they have plaster casts and are on crutches,” says Robert Valrygg, CEO of Bodø Sikkerhet og Lås AS, who was engaged by the contractors to install the 530 automatic door systems.

PRODUCT LIST

- 530 x automatic door systems:
Slimdrive EMD-F and Slimdrive EMD-F IS
- 300 x door closers:
TS 3000 and TS 5000

ÅRHUS · DENMARK

The New University Hospital



The New University Hospital in Århus (DNU) is a massive construction project that will group all the wards of DNU into one place. The existing 160,000m² large hospital is to be expanded with an impressive 250,000 new m², where solutions are planned down to the very last detail, not only in the construction phase but also in terms of the future functionality of the hospital.



GEZE Powerdrive

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It is important early on in the project to ascertain all of the needs and surrounding factors. This all helps the customer to get the best possible solution in the end, says Poul Torndahl, Sales Engineer at GEZE.

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Wards where the walls can be repositioned and internal logistics systems with state-of-the-art technology are among the many aspects that will safeguard the performance of the hospital as a university hospital.

The new construction will be divided into 10 construction areas, of which GEZE has supplied hundreds of automatic swing door systems, automatic sliding door systems and ordinary door closers for half of the construction sites. To date, GEZE automatic door systems have been installed in more than 600 places in the new super hospital.

Major logistics assignment

Installing automatic door systems is one of the last things to do in a building once the other craftsmen have finished their work. It is a big logistics puzzle, and this puts great demands on project management and the planning of each individual assembly.

Advice at eye level

To ensure understanding for the full solution everything from the door's functionality in its everyday use to the correct guidance for how the electrician is to run the conductors is included.

A familiar face in the hospital world

GEZE's advice helps ensure well-functioning access routes at the new super hospital in Århus. Ensuring access routes to hospitals is nothing new to GEZE. GEZE has had a fixed service contract in place with Skejby University Hospital for several years to maintain the sliding doors and the automatic swing door systems at the existing hospital.

At GEZE there is always time for the next project, and the next major hospital assignment will be at Rigshospitalet in Copenhagen. Here a large-scale expansion project is underway, where GEZE will be delivering the automatic door systems.

PRODUCT LIST

Door automatics:

- Slimdrive EMD-F
- Slimdrive EMD-F-IS
- ECdrive
- Powerdrive

Door closers:

- TS 5000
- TS 5000 E
- TS 5000 ISM
- TS 5000 E-ISM
- TS 5000 EFS

COPENHAGEN · DENMARK

The North Wing Rigshospitalet



Rigshospitalet in Copenhagen has just moved a step closer to the healthcare system of the future. A new annex, the North Wing, is dedicated to hi-tech surgery, demanding patient treatment, and research. The prestigious healthcare project puts patients and relatives at the centre and therefore makes the highest demands of architecture, design and functionality.



GEZE ECdrive

Rigshospitalet has gained an approx. 55,000 m² extension that can handle the most advanced and specialised surgical operations in Denmark, and afterwards give patients and relatives the best possible treatment and care. The North Wing, which was officially opened in January 2020, is strategically important for Denmark's healthcare system – now and in the future.

Healing architecture

The architecture and aesthetics play a major role in creating the best possible environment for the patients. Sound, inflow of light, colours, art and nature are elements that together create "healing architecture", i.e. an architecture that promotes the patients' mental well-being and reduces the stress of being hospitalised with a serious condition.

To ensure that each component, large or small, helps realise the vision for the North Wing, while maintaining the highest levels of hygiene, the standard for suppliers is high, in the construction phase.



"We have extensive experience of cooperating with Danish hospitals, and the North Wing is our biggest individual hospital construction project to date. We started our collaboration with the contractor in 2015, and have had an Installation Technician working full-time on the project for several years. It is a massive construction project with very well-thought-out architecture and unique design and functional requirements. This has made it incredibly exciting to be part of the project. We are looking forward to continuing as service partner for automated door systems in the North Wing," explains Poul Torndahl, Sales Engineer at GEZE Danmark. AS.



Automatic systems for more than 450 doors

The healing architecture, the high level of hygiene and the extreme requirements for functionality are also reflected in the automatic door systems chosen for the North Wing. The 33 doors to the operating rooms are hermetically sealed in order to keep the rooms sterile and bacteria-free. In addition, the automated solutions ensure a low noise level when opening and closing the doors. Out of consideration for the patients, noise from internal traffic in the North Wing must be kept to a minimum.

PRODUCT LIST

- 33 hermetically sealed automatic door systems
- 450 GEZE GC 306 non-contact activation switches for automatic doors
- 140 automatic door systems for glass and steel sliding doors:
 - GEZE Powerdrive
 - GEZE ECdrive
- 300 automatic door systems for swing doors:
 - GEZE Slimdrive EMD-F
 - GEZE Slimdrive EMD-F-IS
- A wide range of door closers for different types of doors

OVERVIEW

Products

Powerturn
Automatic swing door drive – reliably and safely opens even large, heavy doors weighing up to 600 kg.



Slimdrive EMD-F
Electromechanical swing door drive for 1-leaf fire and smoke protection doors.



Slimdrive EMD-F-IS
Electromechanical swing door drive system for double leaf fire and smoke protection doors with closing sequence control.



TS 3000
Overhead door closer with guide rail for single leaf doors with a leaf width up to 1100 mm.



TS 5000
Overhead door closer with guide rail for single leaf doors with a leaf width up to 1400 mm.



TS 5000 E-ISM
Overhead door closer system with guide rail for double leaf doors with closing sequence control and electric hold-open device.



TS 5000 E
Overhead door closer with guide rail for single leaf doors of up to 1400 mm leaf width with electric hold-open device.



TS 5000 ISM
Overhead door closer system with guide rail for double leaf doors with closing sequence control.



OVERVIEW

Products

TS 5000 EFS
Overhead door closer with guide rail for single leaf doors up to 1400 mm leaf width with electric free swing function.



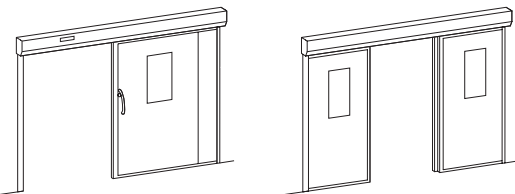
ECdrive
Drive system for linear single and double leaf sliding doors in high traffic areas.



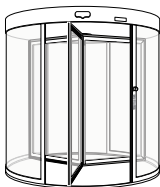
Powerdrive
Drive system for automatic linear sliding doors with large, heavy leaves.



Hermetic door
Important in hospitals.



Revolving doors
Attractive for hospital entrances.



GC 342
Hygienic opening and safety for automatic doors.



GC touch-free door activations
Hygienic opening for automatic doors.



Slimchain
Window drive for automatic opening.



Connecting expertise – building solutions.



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