

TECHNOLOGY
FOR A SAFER
AND BETTER
JOURNEY



FERRO INTERNATIONAL A/S



Production is based on a high level of flexibility and we operate just-in-time delivery to our customers' assembly lines according to the individually agreed flow.

Customer advantages at FERRO

- Professional project management
- Customized products
- Full documentation
- Just-in-time delivery

FERRO INTERNATIONAL A/S is a family-run Danish company, which has grown into an international producer of complete door systems for the bus and train industry based on the following objective: Technology for a safer and better journey

With more than half a century's experience and a specialisation in door systems, we are an interesting partner for customers wishing to profile themselves on the market for rolling stock.

Our solutions are characterised by high quality, long service life, low maintenance costs and consistent design. When a new door system is planned, our customers can benefit by bringing FERRO onboard at an early stage.

FERRO's expertise and innovative skills make sure that product development runs effectively, and our

highly-qualified development department are keen to start close dialogue with our customers so that they can act as technical sparring partners and ideas men, thus contributing to the effectiveness of the development stage.

Ideas and solution models are tested at our own test centre. The experiences and results from these tests are carefully recorded, helping us to optimise our products and solutions at all times. This store of knowledge benefits our customers in the form of continuously improved product quality.

Our state-of-the-art production equipment ensures top-quality products at attractive prices. FERRO produces the majority of components for the door solutions itself, which are thoroughly tested and supplied with full documentation. FERRO is ISO 9001:2000 certified.



Geared to any challenge

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Our products are on the move

FERRO
INTERNATIONAL A/S

Automatic door systems for buses

FERRO has been a system supplier of pneumatic door systems for urban, regional and airport transit buses for many years. The various types of pneumatic doors are individually designed and developed and the product range includes single and double, inward and outward opening doors. The basic construction ensures exceptional durability, excellent design and effective safety system.

Automatic/manual door systems for trains

The concept of a FERRO train door is based on our own components, core competencies and production expertise. The mechanism system consists of specially manufactured component, from the cables to the smallest fitting. The door mechanism system can vary individually, but the flexibility of the product ensures that well-proven components can be used in new customised products. Curved door mechanisms are another unique option.

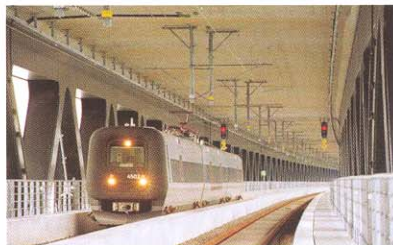
After sales

FERRO can offer customers spare part sales for many years after delivery date for some products. We recognise that because our products have a long lifetime, heavy demands will be made of stocks and documentation management.

We have extensive experience of refurbishment projects, especially for automatic doors on trains. Our experienced personnel know the complexity of the product and work with great care and professionalism, ensuring effective and correct product refurbishment.

Further information

Please do not hesitate in contacting us for further information and please notice our website www.ferro-int.com.



FERRO door solutions are known for

- Flexible and modern design
- User-friendly mounting
- Well-proven components
- Low lifetime costs

Sensors for doors, gates, elevators



Broadest program of sensor technology

- Light grids for elevator doors
- Area scanners
- Waterproof reflection light beams with increased operating range
- Certificated sensors for fire exits
- Infrared motion detector PIR
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To supply a 5-cornered curved door with oblique cut-off at the top. This was just one of the many challenges arising from an extensive order for a complete curved door system for Bombardier Transportation in Belgium. A partnership, which started in 1999 and, to date, has resulted in the delivery of single and double doors for altogether 210 train carriages.

The order included the development of a newly adapted door guide and a completely new way of assembling curved doors.

Promising such an undertaking requires company spirit and close liaison between development engineers and motivated personnel on the production line, not forgetting the necessary capacity, volume and innovative thinking in the company.

These characteristics are instilled in FERRO, which was founded by the Sørensen family in Vejle, Denmark in 1947.

At the beginning, production concentrated on door opening and closing mechanisms for rolling stock. But since then, thanks to its vision and innovative thinking this small rural company has grown into a player on the international market for door systems.

Over the years, the old village school in Assendrup, which has been home to the company since 1963, has been transformed into a modern workplace with a total area of 1035 m².

FERRO currently has around 40 employees, a professional board of directors and a management group which takes care of the day-to-day running of the company. The foundations necessary for the continued growth and development are therefore in place.

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