

REFERENCE

Industrial doors

Supply and fitting of three high-speed doors



CLIENT:


Freckenhorster
Werkstätten GmbH
Am Neuen Baum 6
59229 Ahlen

PROJECT COMPLETED BY:

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COMMISSION:

Replacement of two inner doors and one outer door
Completion: 2017

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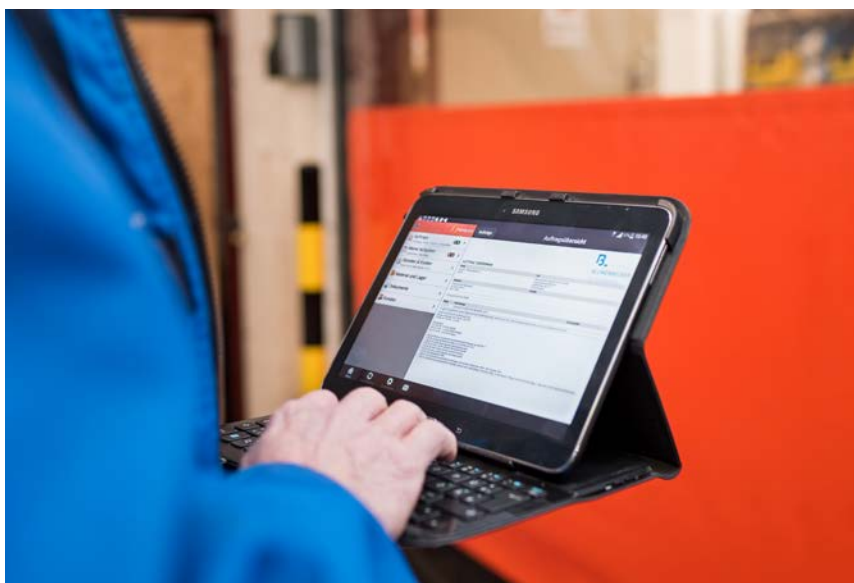
FRECKENHORSTER WERKSTÄTTEN GMBH

Established in 1974, Freckenhorster Werkstätten currently employ around 1,500 people with disabilities. The company has ten production sites, two stores and one factory outlet for customers. As a recognised workshop for disabled persons the company is funded by the Caritas Association in the Deanery of Warendorf and involves itself in the vocational rehabilitation and advancement of those with special needs and multiple and mental disabilities. The aim is to provide adequate employment for disabled persons to enable them to participate in working society.

The Freckenhorst Workshops are a competent partner for trade and industry and the company offers a wide range of services in all kinds of market segments. The workshop is certified in compliance with the production and care standards of DIN EN ISO 9001:2008 and therefore guarantees security for the customer and professional support for the employees.

THE COMMISSION

The existing doors were no longer fully functional and did not meet the high safety requirements in place at Freckenhorster Werkstätten. They were therefore to be replaced by a new set of high-speed doors.





» We were especially impressed by Blumenbecker's advisory expertise.«

Bernd Lüttel, Head of Ahlen workshops,
Freckenhorster Werkstätten GmbH

THE PROJECT SCOPE

■ The Ahlen branch of Freckenhorster Werkstätten GmbH employs people with different physical and mental impairments. The original inner doors often caused minor accidents and there were frequent complaints of staff catching themselves on the sealing strip.

Blumenbecker recommended the fitting of high-speed doors from the Dynaco company as these were faster to operate than the existing units, provided a superior seal around the full perimeter and did not feature rigid sealing strips.

The new doors have successfully resolved the accident problem and also come with a self-reinserting function. The external door unit is no longer prone to damage caused by forklift operations as the door opens much more quickly and can disengage and then reinsert itself back in its guides to avoid ramming damage of this kind. Blumenbecker further recommended installing radar-type presence detectors that prevent the door being closed when persons are working in the door area.

The external door is additionally provided with a UPS as it also serves as a designated escape route. In the event of a power failure the door now opens automatically.

TECHNICAL SPECIFICATIONS

Inner doors

Height: 2510 mm

Width: 2420 mm

Opening speed: up to 1.2 m/s

Closing speed: 0.5 m/s

Technology: push-pull

Motor: power 0.75 kW, protection class IP 65

Special features: self-reinserting door curtain. If the door should become dislodged from its guides it will automatically reinsert itself the next time it opens. The system can be switched from automatic to manual mode.

Outer door

Height: 2520 mm

Width: 2500 mm

Opening speed: up to 2.4 m/s

Closing speed: 1.2 m/s

Technology: push-pull

Motor: power 0.75 kW, protection class IP 65

Special features: UPS; radar-type presence detector to protect persons in the door area; self-reinserting door curtain: if the door should become dislodged from its guides it will automatically reinsert itself the next time it opens.

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HEARING FROM YOU.