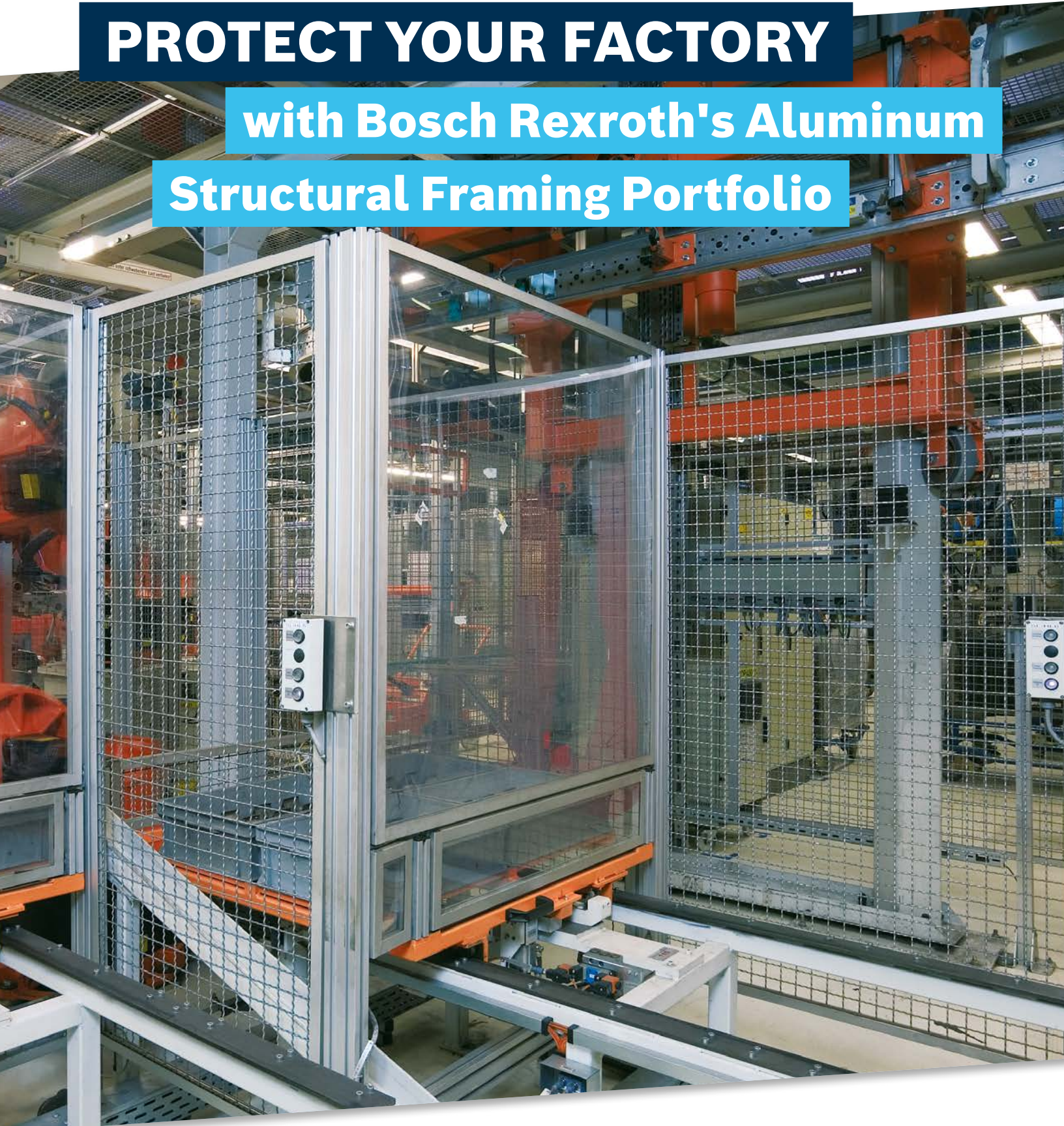


**PROTECT YOUR FACTORY**

**with Bosch Rexroth's Aluminum  
Structural Framing Portfolio**



**There are numerous hazards in any modern work environment and particularly where they are expected the least. A lack of safety in production, assembly or storage facilities poses a risk of death for personnel.**

Severe accidents may have unexpected consequences for the liable manufacturer of equipment or the equipment owner.

Operational safety of equipment is a serious topic within the responsibility of the company and the facility owner. In most countries, these positions are also liable. Legal regulations, product regulations, certifications, regular checks and verifications and documentation are comprehensive requirements.

Bosch Rexroth's robust aluminum structural framing portfolio can play a critical role in your plant safety strategy by building key structures that are designed to protect both workers and equipment in your care while keeping your operations running smoothly.

### **ERGONOMIC WORKSTATIONS**

From the right settings for the respective body height and the ideal reaching distance for tools through to taking the individual vision area and optimum lighting into account – the more ergonomically correct the setup of workstations, the more motivated and productive your employees will be.



Adaptable, ergonomic workstation systems from Bosch Rexroth can help alleviate this strain. Ergonomically designed workstations mean increased motivation and satisfaction, higher performance and work quality, as well as fewer absences due to injury. Plus, integrating system lamps provides ideal

lighting, which reduces eye strains from too bright light or too little light. In short: A huge plus when it comes to productivity, efficiency, and a decisive edge over the competition – thus ensuring lasting success for your company.

Learn more at [www.boschrexroth-us.com/ergonomics](http://www.boschrexroth-us.com/ergonomics)

### **ECOSHAPE**

With its light weight, easy assembly and high flexibility, our tubular aluminum framing system and a wide range of accessories define new standards. EcoShape leverages proven principles such as Poka Yoke, Kaizen and Lean Design to offer a well-rounded and cost-effective design for a variety of industries. Our tubular framing system meets high technical requirements while emphasizing ergonomic design. By using reusable and recyclable components, EcoShape represents energy efficiency and sustainability. The integration of Karakuri mechanisms simplifies low-cost automation (LCA) and enhances efficiency.

With EcoShape, configure your ergonomic workstations exactly the way you want them. The result for your employees: maximum comfort, maximum ergonomics and maximum support of routine work.

Learn more at [www.boschrexroth-us.com/ecoshape](http://www.boschrexroth-us.com/ecoshape)

### **ECOSAFE**

Eliminate safety risks in manufacturing and production by using the aluminum framing components for protective devices. These types of components are flexible to use and help comply with current standards and guidelines. Pre-assembled protective frames, door kits, and a well-thought-out overall product range ensure fast planning as well as economical and practical implementation.



Maximum safety, which meets all the current standards and regulations: The modular EcoSafe protective fence components with their pre-assembled side frames facilitate a particularly fast construction or modification. The building system includes around 50 standard elements and customized customer solutions – also partially in signal colors upon request.

Learn more at [www.boschrexroth-us.com/ecosafe](http://www.boschrexroth-us.com/ecosafe)

### ELECTRO-STATIC DISCHARGE

ESD (Electronic Static Discharge) is caused by electric charges up to 10,000 V that are generated by friction on various materials or by the influence of electric fields. Due to their electrical properties and inner structure, some manufacturing components are prone to ESD and can be damaged or destroyed by static discharge – resulting in economic losses running into millions of dollars each year.



Bosch Rexroth’s ESD-compliant aluminum framing application can protect your products from this type of damage. Through the suitable choice of materials and connection technology, it is possible to select electrostatically conductive or static-dissipative components that meet the requirements of ESDS (DIN EN 61340-5-1), thus ensuring the overall system is protected.

Learn more at [www.boschrexroth-us.com/esd](http://www.boschrexroth-us.com/esd)

### FUNCTION-INTEGRATED PROFILES



The new function-integrated profiles (FIP) from Rexroth offer a large usable interior and finally create more space for your design ideas: the completely internal cable guide allows for the safe and space-saving routing of cables, data lines and hoses – and thanks to the new profile junctions, they can even be laid through profile connectors for the first time. This simplifies and speeds up not only the design process, but also assembly and installation.

Learn more at [www.boschrexroth-us.com/functionintegratedprofiles](http://www.boschrexroth-us.com/functionintegratedprofiles)

### CASE LIFTERS

Bosch Rexroth's aluminum framing case lifters have a significant impact on ergonomics in various application areas such as manual assembly lines, production, and logistics. These case lifters provide an ergonomic parts supply at the workstation, ensuring that workers have easy access to small parts containers or floor rollers. This promotes employee health by minimizing work absences and reducing the risk of injuries caused by excessive bending or reaching.



The short grab distances and low overall height of these lifters allow for efficient lifting and lowering of loads, both manually and automatically. Additionally, case lifters offer a cost-optimized standard solution, enhancing employee performance and supporting lean material flow.

**Design your safety systems  
in just a few steps with our free  
engineering tool, MTpro!**  
[www.boschrexroth-us.com/mtpro](http://www.boschrexroth-us.com/mtpro)

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**At the Bosch Rexroth website**  
www.boschrexroth-us.com/aluminum-framing



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