

MAYSER[®]

Mayser Safety Technology
We make automatic processes safe

Welcome to Mayser Safety Technology

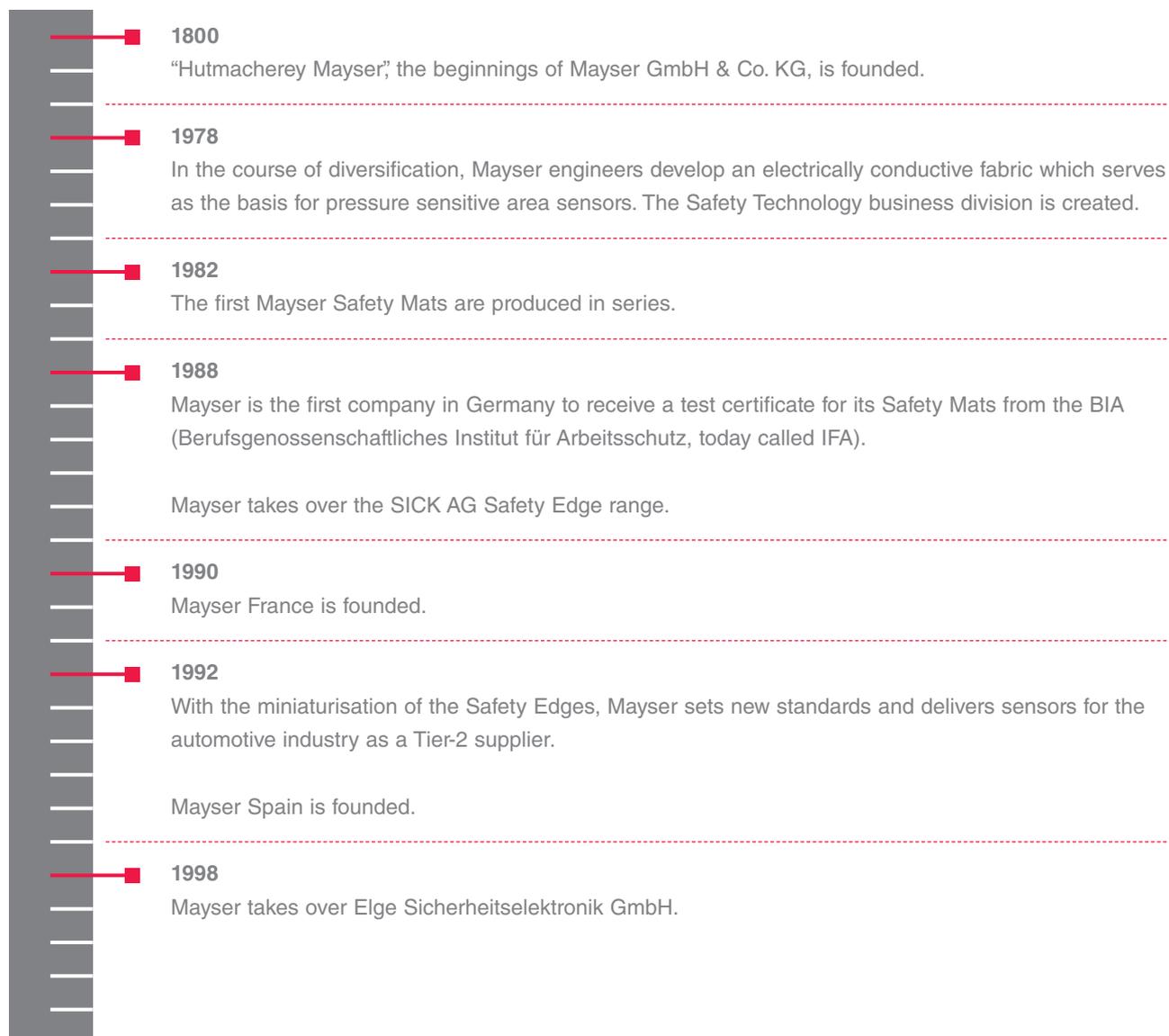
As one of four divisions of Mayser GmbH & Co. KG, an internationally successful group of companies with a tradition stretching back over more than 200 years, we have evolved into Europe's leading manufacturer of tactile sensors for safety technology.

It all began with the development of a conductive foil in 1978. Today, sensors from Mayser ensure safety everywhere where automatic movements must be interrupted or controlled to ensure the safety of man and machine.

A whole range of sectors benefit from our experience, especially where the need for tailor-made safety concepts has increased with growing automation in many areas of life and work.

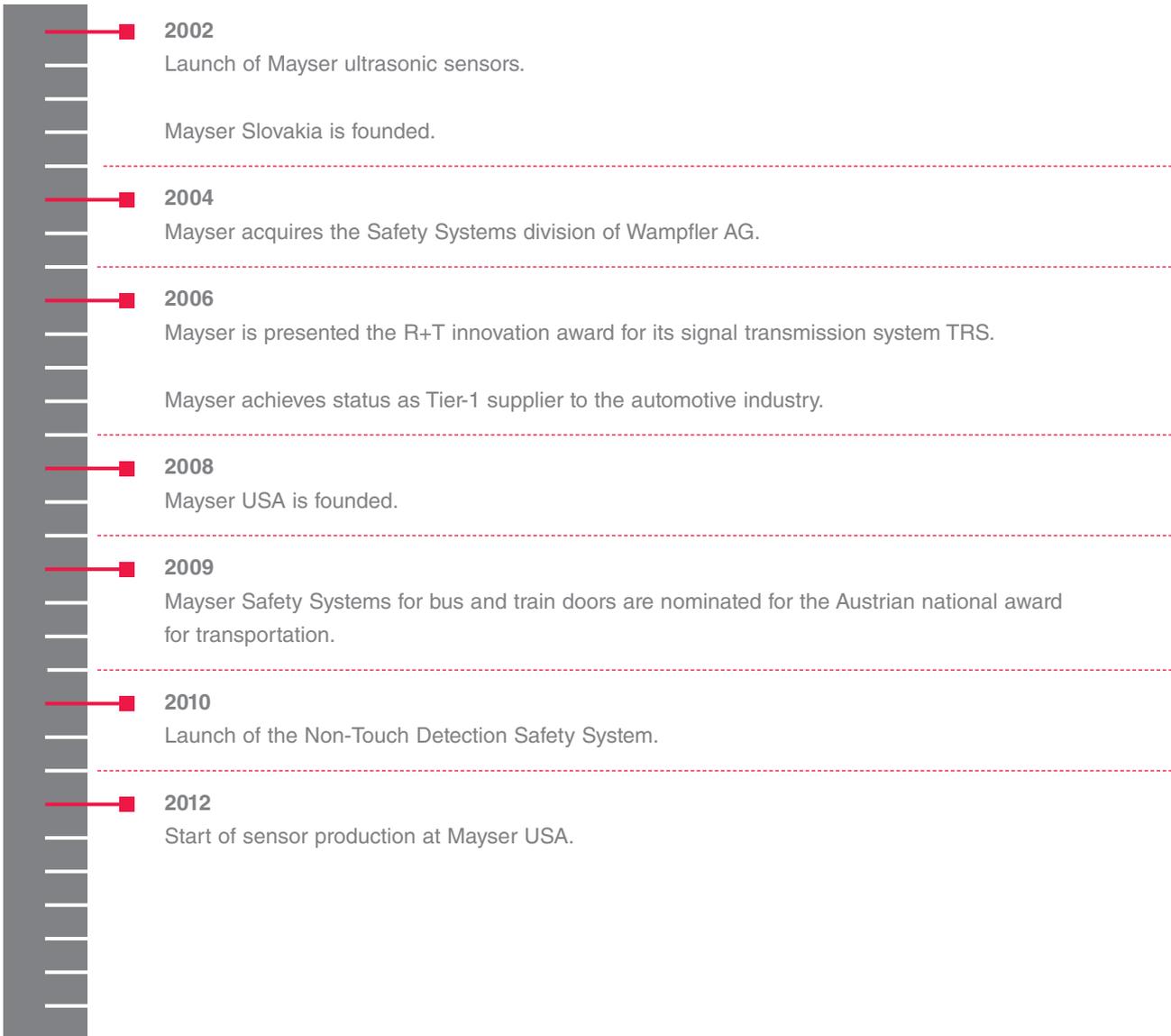
Our products are used to ensure safety during operation of industrial production plants, automatic doors, gates and windows, bus and train doors, stage, furniture and medical technology, and electrically operated tailgates, sliding doors, vent windows or sliding roofs in cars.

The history of Mayser Safety Technology



Safety Technology and Mayser: These terms stand for an internationally renowned tie across many branches of industry. From the first area sensors for safety-at-work to non-touch sensors

for the car of the future: Our range of products has grown in conjunction with state-of-the-art safety requirements for automated processes.



«MAYSER – PROGRESS MADE SAFE»

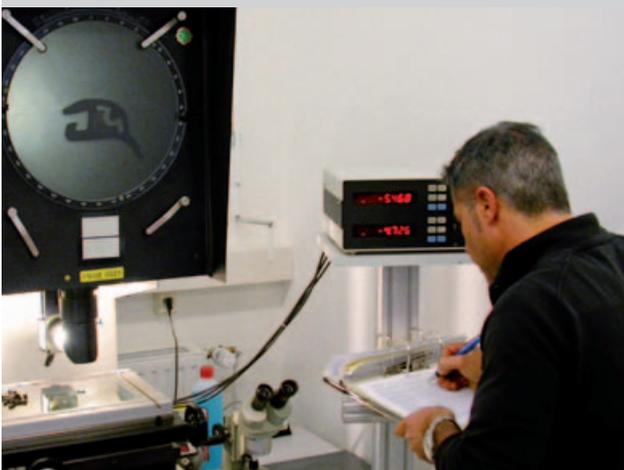
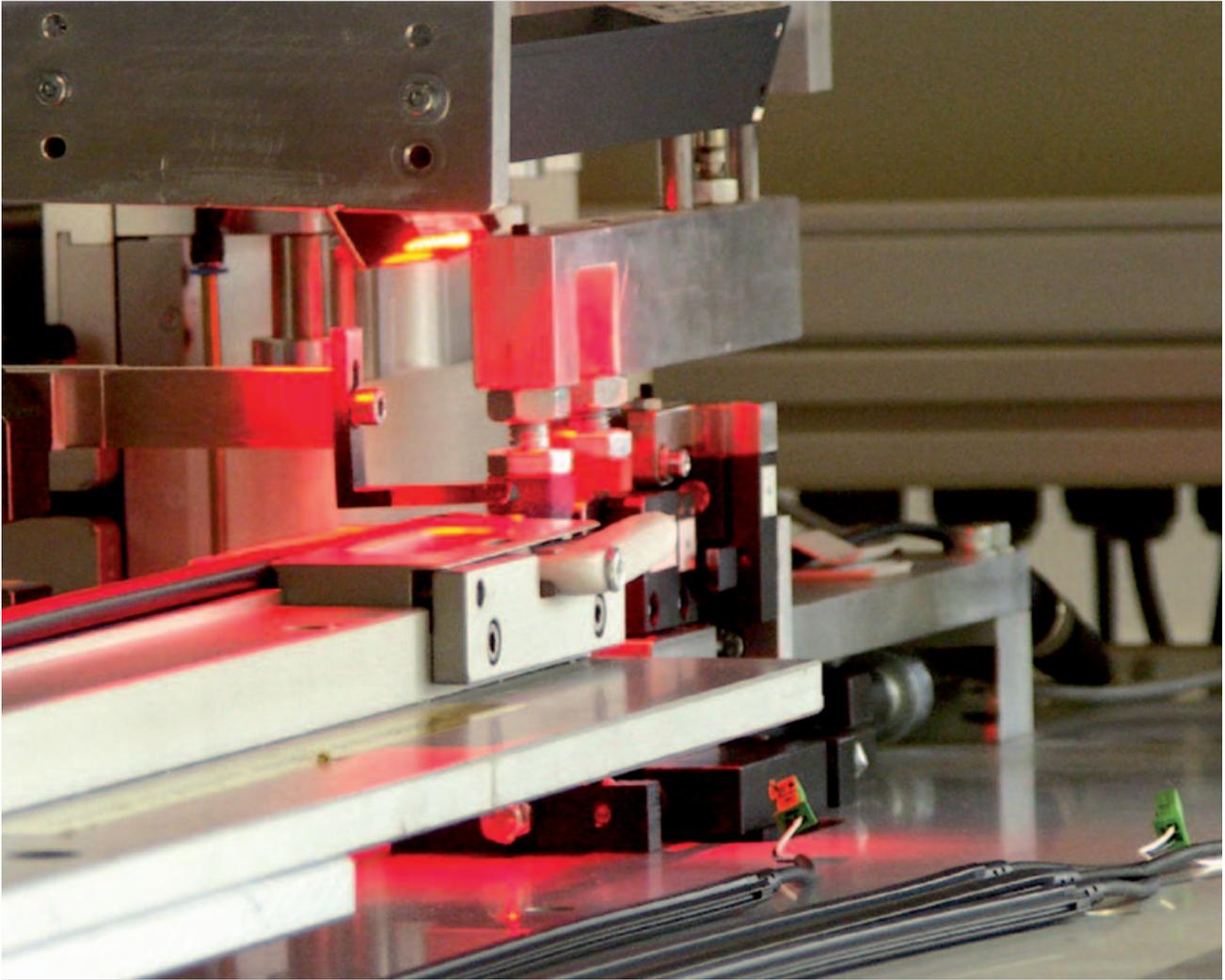
Quality and innovation: The basis of our success

Since its foundation in 1800, the history of our company has been a model of innovation and successful change. Then and now, intensive development work with a focus on customer requirements has been at the centre of our activities – in line with our motto “A tradition of innovation”

Right from the beginning, Mayser gained an international reputation as a quality leader in the manufacture of high-quality, modern hats. This reputation also holds true today for our safety systems.

A modern quality management system along the entire process chain guarantees that all our products, systems and solutions comply with the appropriate standards and directives, as well as meeting our own high quality standards. We are committed to responding to our customers’ specific requirements in each case. We do this by combining state-of-the-art, cost-effective manufacturing processes, quality-conscious craftwork and extensive customer support.



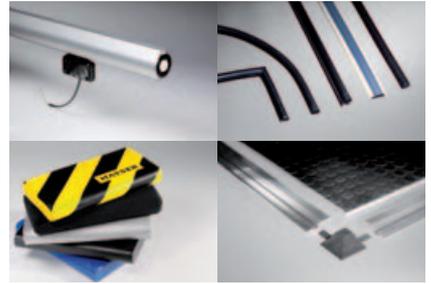


In every development phase, Mayser products undergo strict quality checks.

Our core competencies

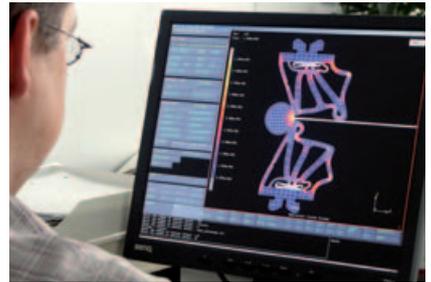
Tactile and non-contact safety sensors

Something all our sensors have in common is that they protect against the risks of collision or pinching caused by automatically controlled movements. Whether tactile sensors such as our classic Safety Mats, Safety Edges and Safety Bumpers, or non-contact solutions: our products come with the strengths suited to their specific area of application.



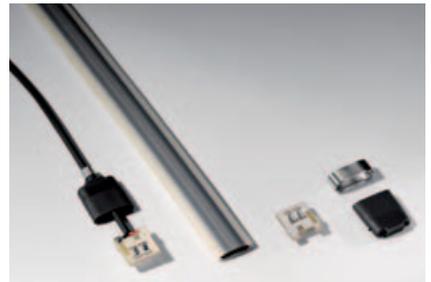
Tailor-made solutions for a wide range of applications

Our sensors are used in many different areas: from anti pinch sensors in cars, buses & trains to protection in industrial production plants. Even though our customers' requirements are so different, we always understand what is needed and develop tailor-made solutions.



Versatile integration into overall systems

Our solutions come in versatile shapes and surface finishes for a perfect fit. That means our sensors can be integrated seamlessly or invisibly into various applications. For even more versatility, you can use our DIY system to easily cut our Safety Edges and Miniature Safety Edges to the lengths you need.



From small batches to volume production

Do you want to ensure safety over the whole area of a customised workplace? Or to use our tactile sensors as standard features in volume production? We are your partner for both individual solutions and volume production applications.



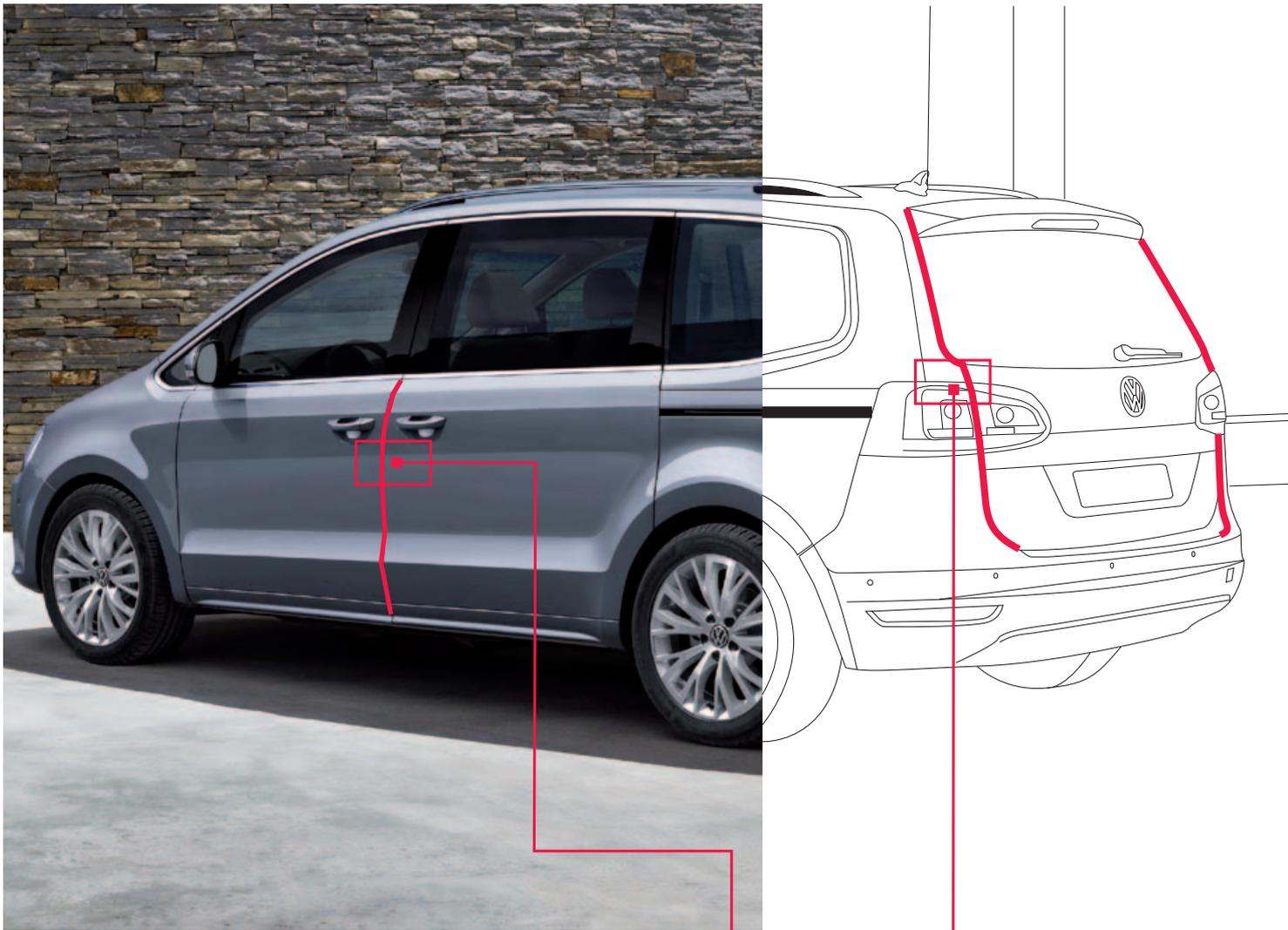
**«TAILOR-MADE SAFETY TECHNOLOGY:
VARIED AND VERSATILE»**

Automotive

Luxury functions in passenger cars such as electrically operated tailgates, sliding doors, vent windows or sliding roofs require highly sensitive anti pinch sensors. We are experts in this field: for more than 20 years we

have been ensuring the safety of automatically controlled closing functions in vehicles – effectively and reliably. Perfectly tailored to the vehicle type. Our tactile sensors provide added safety when it comes to seat

occupation detection and signals to remind occupants to fasten their seatbelts.



SBE-Seat occupancy Detection



Miniature Safety Edges



Miniature Safety Edge applied to carrier

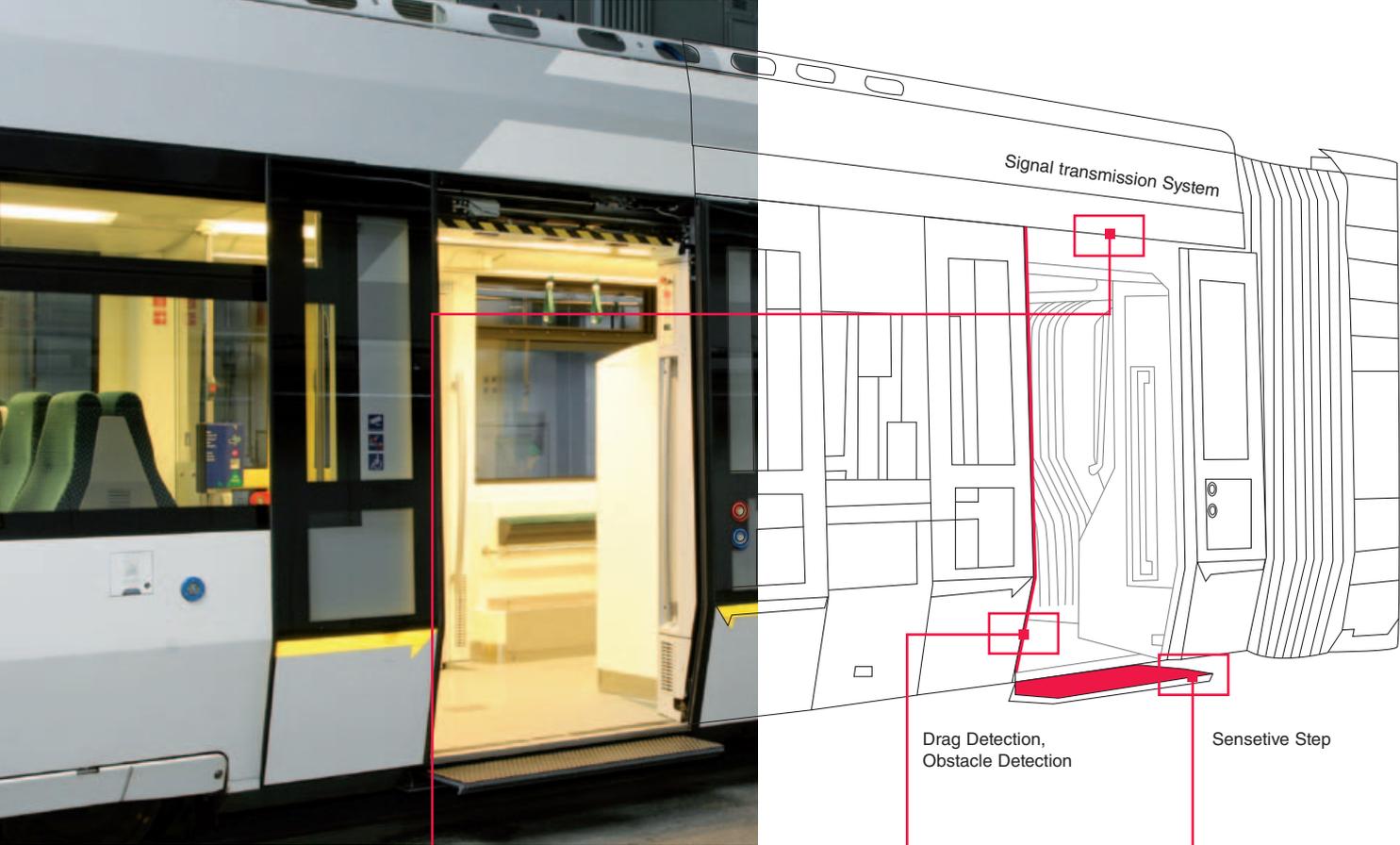


Buses and trains

The entry and exit area of buses and trains is a central hazard area in public transport. That is why reliable anti pinch sensors and pinch detection systems are crucial issues for transport providers, passengers and

manufacturers of vehicles and vehicle doors. Safety edges, signal transmission systems and safety steps with extension protection from Mayser are optimally designed to meet the requirements of buses and trains.

Our safety systems have long offered more than statutory regulations demand.



Transponder System



Safety Edges



Safety Mats

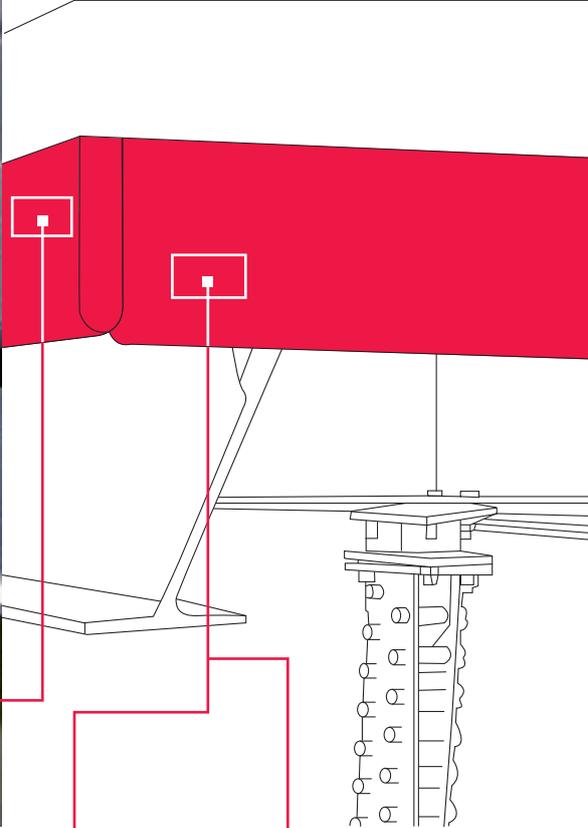


Stage technology

Theatre and event stages must comply with extensive safety regulations and statutory test directives to ensure safety behind the scenes. In leisure centres and exhibition spaces, staff and visitors must also

be protected from hazards arising from mobile platforms and turntables. This is where our Anti Pinch Sensors come in. They prevent the danger of injury from shearing or pinching edges in stage machinery. You can

choose between Safety Edges or Safety Bumpers depending on the space available and the overtravel distance.



Safety Bumper



Normally open Safety Edges



Normally closed Safety Edges

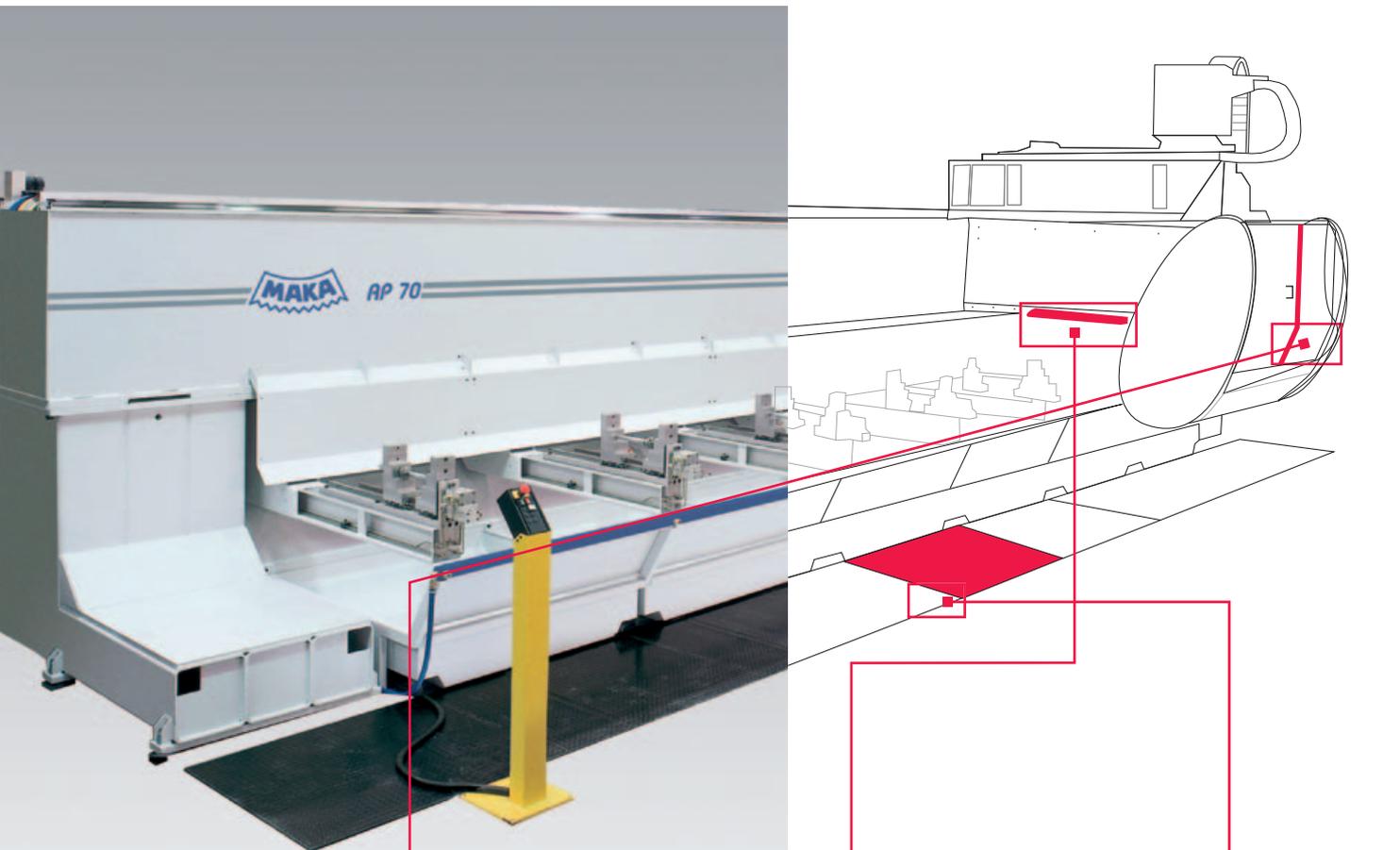


Mechanical engineering

Reliable securing of the danger zones around machines, robots and plants is also a key area of safety-at-work. The Machinery Directive specifies that these may only be put into operation when corresponding

safety measures are in place. Mayser Safety Mats, Safety Edges and Safety Bumpers secure danger zones in industrial production. That includes linear closing edges on machines and plants, danger zones in the

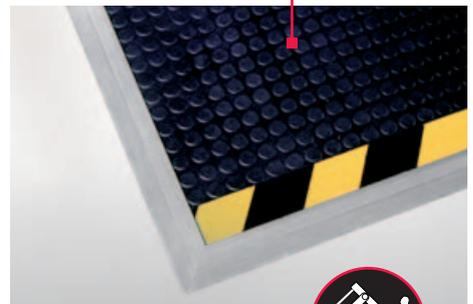
areas surrounding them or collision protection for driverless transport systems (AGVs and RGVs).



Safety Edges



Safety Bumper



Safety Mats

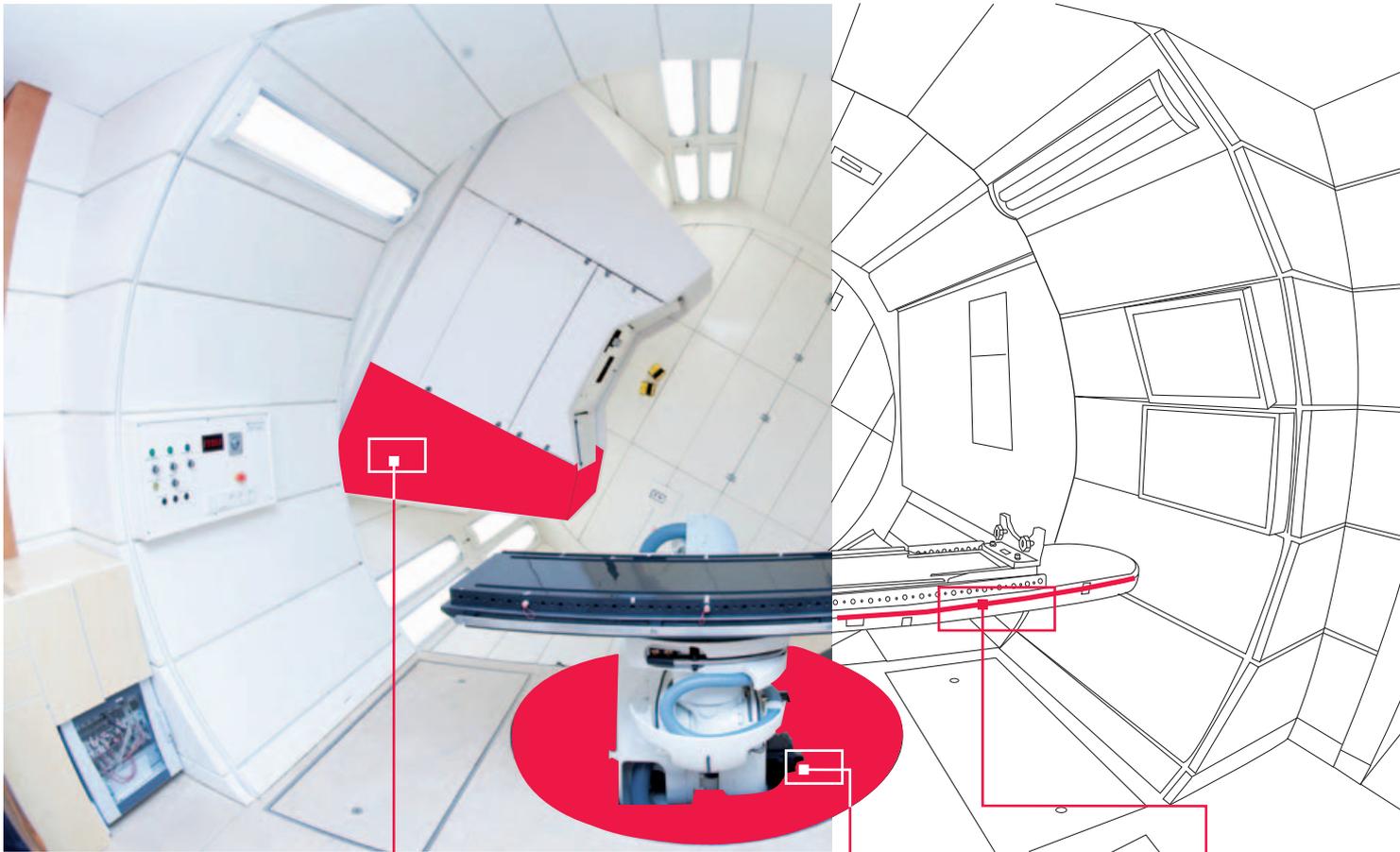


Medical technology

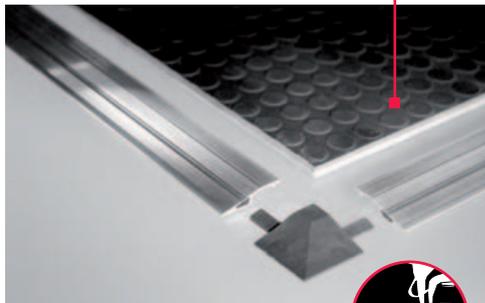
Medical technology is the interface between medicine and engineering. This is where innovative technologies and highly specialised apparatus are developed. Some of these need enormous freedom of movement, for

instance mobile diagnosis or therapy head systems. They must be collision-proofed to protect patients and medical staff as well as the costly equipment itself. Mayser Safety Bumpers and Miniature Safety Edges

can be made to fit a wide range of shapes, and they reliably ensure the safety of moving equipment parts.



Safety Bumper



Safety Mats



Safety Edges

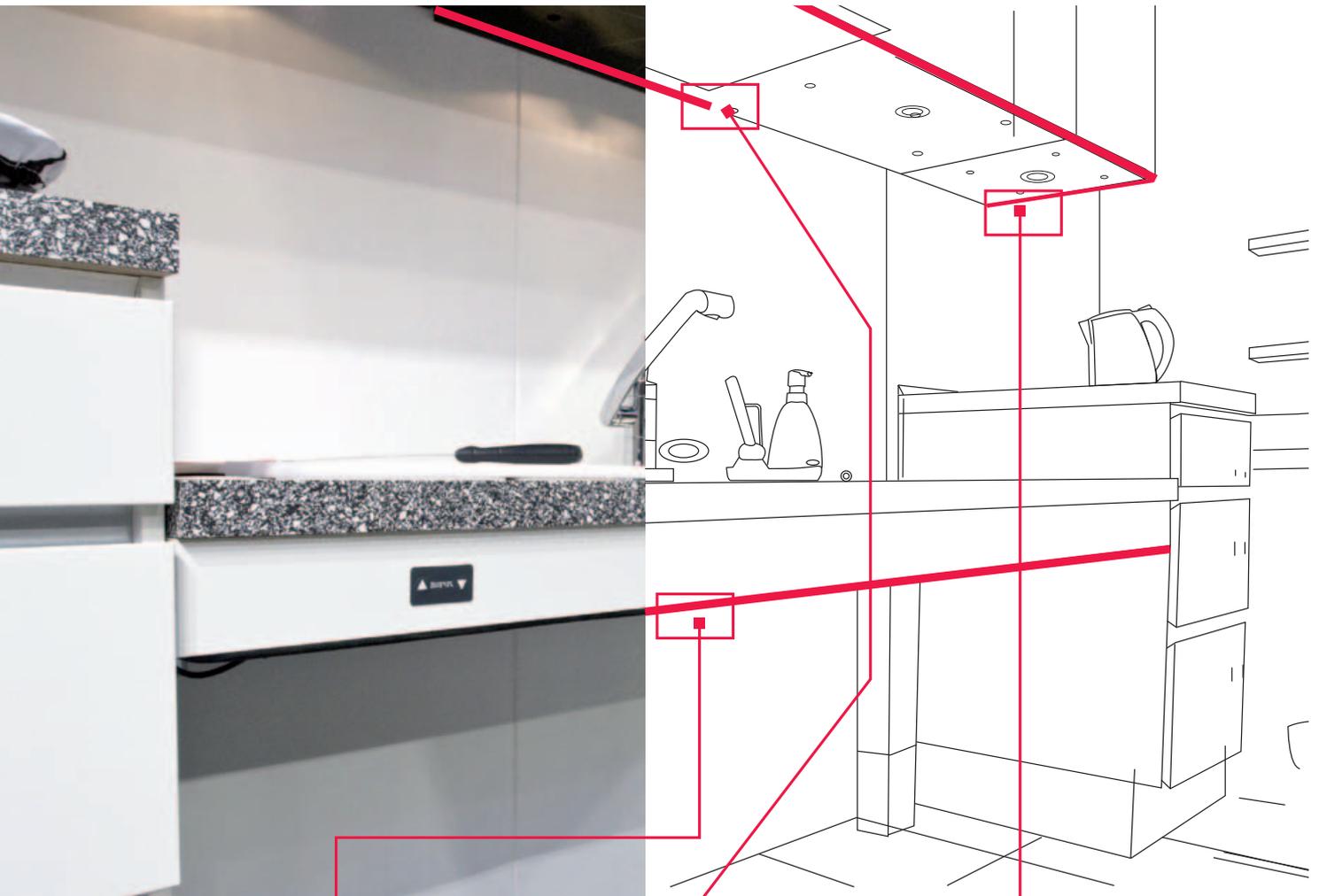


Furniture technology

As the demand for comfort in daily life increases, more and more electric drives are being used in furniture technology. Today's office furniture, tables and seating furniture are often easily adjustable in height or position.

Barrier-free homes are also an important trend, with adjustable care beds, kitchen and bathroom units adapting to the restricted mobility of users. Mayser Anti Pinch Sensors prevent injuries or material damage

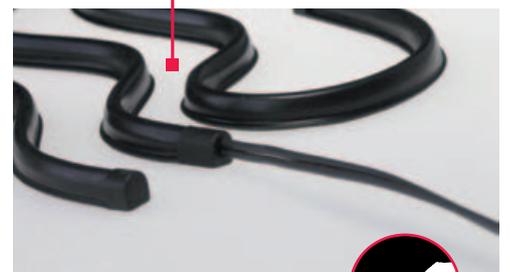
from shearing and pinching edges of automatically adjustable furniture. A DIY system provides maximum flexibility.



Miniature Safety Edges



DIY



Miniature Safety Edges

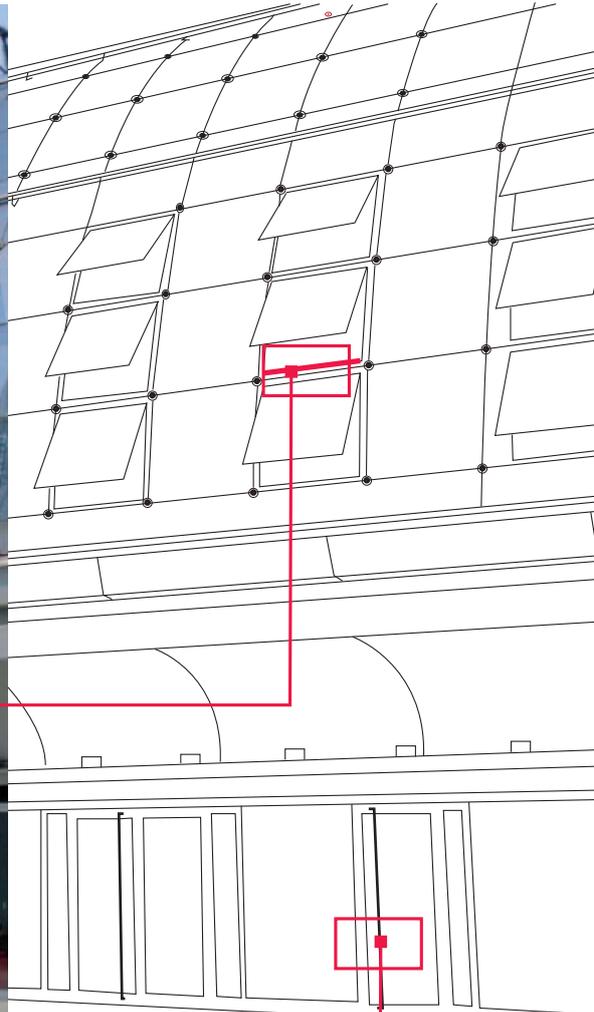


Doors, gates & windows

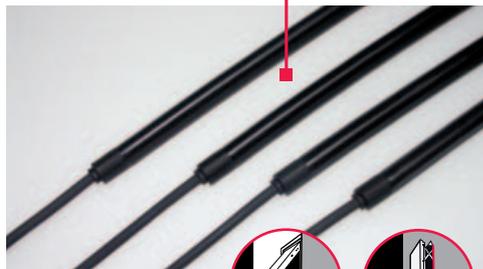
Depending on the installation situation and type of use, hazards to persons and objects can occur during the closing of automatic doors, gates or windows. Mayser Safety Edges and Safety Bumpers reliably secure main

and secondary closing edges in building technology, for instance on rotating doors, sliding doors, overhead roller and sectional doors, or on automatic louvre, vent or tilt and turn windows. You can even cut safety

edges and miniature safety edges to size – easily and at low cost.



Control Unit



Miniature Safety Edges



Safety Edges



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