



The new dimension
of cable management

murrplastik®
Simply Smart Systems



Industry-focused Future-proof Customized

Manufacturing is the driving force in our fast-moving, connected world. More than nearly any other sector of the economy, industry lies at the heart of continuous innovation and change. To survive long-term, you have to be able to react to ever-changing developments and conditions flexibly and with foresight. The highest level of economic know-how is just as indispensable here as powerful machines and reliable production facilities.

With over 60 years of experience in the development, production and sale of smart cable management systems and individual components, at murrplastik® we support companies worldwide in optimizing their work processes.

For customers, this means protected investments, long-lasting machines, and shorter downtimes as the basis for future-proof, modern company development.



The connecting element

Make life easier: that was the basic idea driving Horst Hölzl when he founded his company in 1963. Nearly 60 years later, murrplastik® still successfully employs this guiding principle, creating added value for customers around the world by developing simple, efficient and durable solutions.

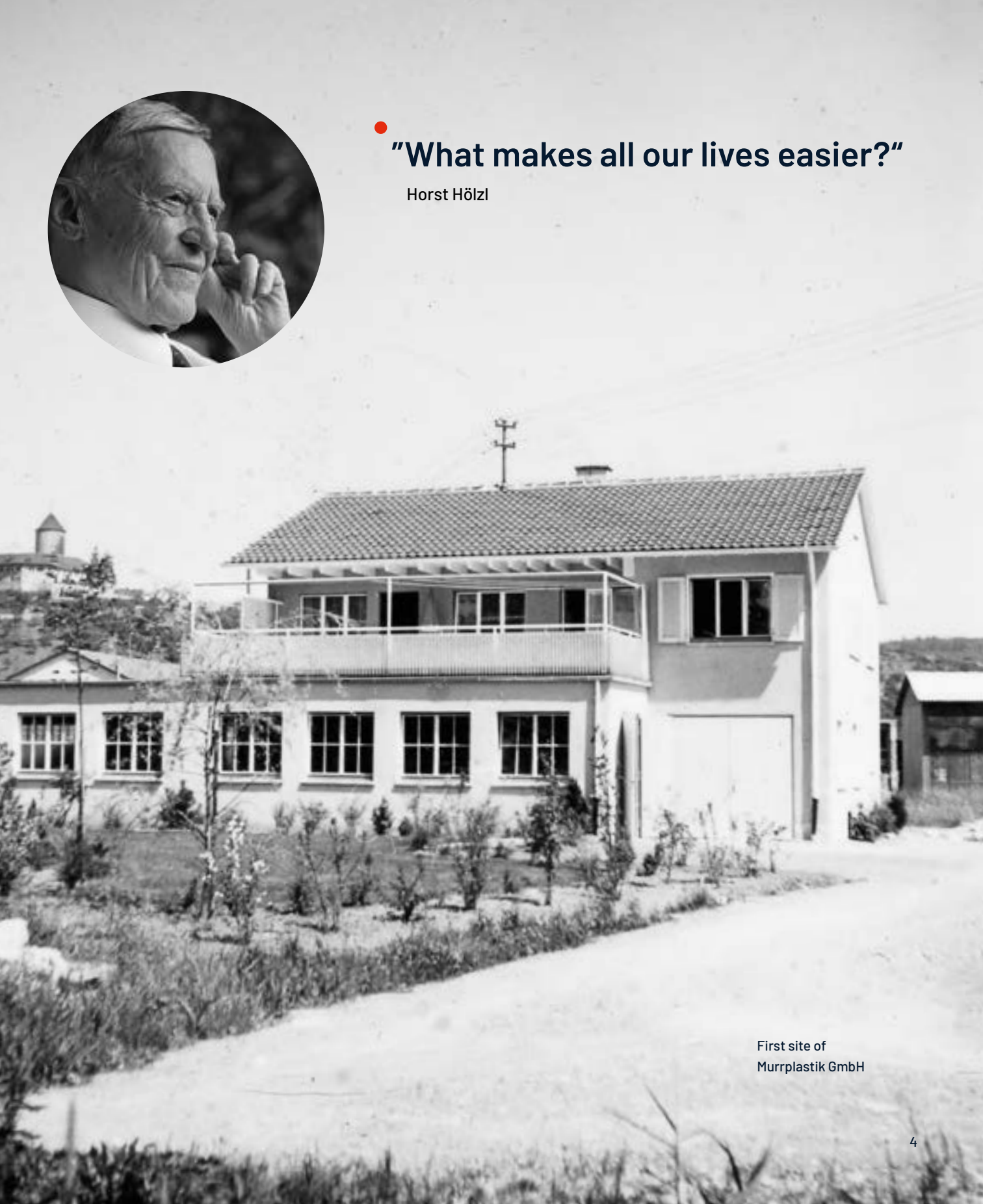
adaptability, flexibility and innovative spirit have long been among the most important basic requirements for long-term success in the market.

At murrplastik®, such changes have always been the engine that drives us.

A lot has changed since then. The requirements of Industry 4.0 pose new challenges for more than a few of our customers. As a result, rapid



World's first machine for the production of double offset springs



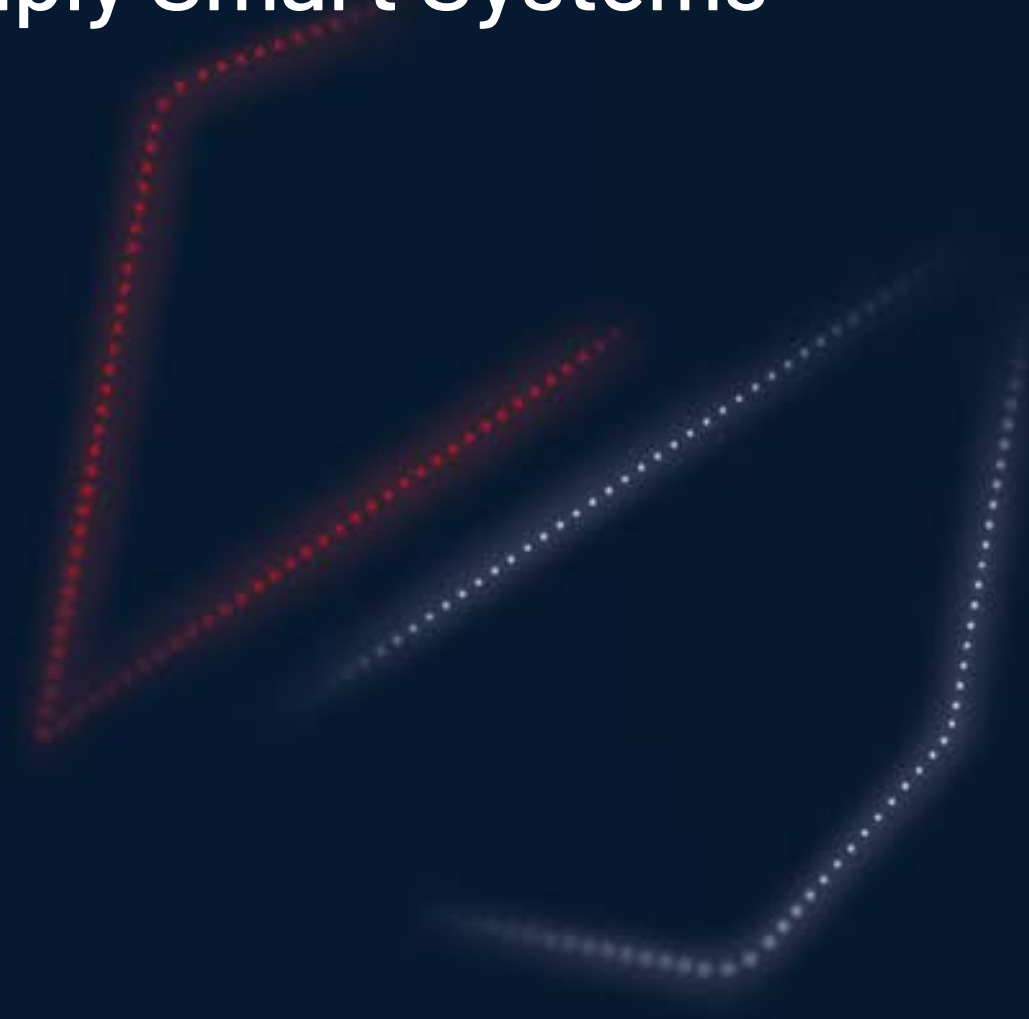
"What makes all our lives easier?"

Horst Hölzl

First site of Murrplastik GmbH



We make room for progress Simply Smart Systems



Building on the development of the first computer assisted labeling system and our decades of experience in the field of intelligent cable management murrplastik® offers not only individual solutions but also complete cable management solutions, everything from one source.

In close cooperation with our experts, we will find the optimum solution for you and your requirements. Comprehensive consulting is just as much a part of our service portfolio as the rapid implementation, maintenance and support of the systems in the event of service.

We lay the groundwork for a modern and future-proof development of your company.

Our Systems



Labeling

We are the only manufacturer worldwide to offer all labeling technologies as well as the "Label on Demand" service. Our labels can be used in a variety of ways: For single wires, cables, switch-gear, terminals, type plates, push buttons, conduits as well as control and signal devices.





Conduits & fittings

Our high-quality product range includes various standard and special developments. The benefits for the user and the system concept are always in the focus: Both regarding our compatible cable protection conduits, fittings and connectors, as well as our holder systems and accessories.





Cable entry systems & holders

murrplastik® produces and distributes cable entry systems and plates, strain relief and EMC solutions. With "KDP on Demand", we are the only company in the world to offer cable entry systems that are completely customizable, in size, shape, material and hole pattern.





Automation & Robotics

We offer individual products, complete solutions, service and support "everything from one source". Our strength: Customized solutions. We can customize our fastening elements, retraction systems, dresspacks and accessories to meet your individual requirements. Or you can select from one of our pre-designed solutions, your choice.





Energy chains

murrplastik® offers energy chains, cables, plugs, connectors, strain reliefs, guide channels as well as assembly, consulting and service - "everything from one source". Our system solutions are innovative, application specific and 100% coordinated.



Solutions

Due to the possibility of customized solutions, individual adaptations and modifications of the murrplastik® range, we can respond to the specific requirements of our customers and offer solutions that are perfectly tailored to their needs.

Our Industries

p. 11 Mechanical & Plant Engineering



p. 15 Switchgear & Cabinet Construction



p. 19 Automotive Industry



p. 23 Railroad & Rail Transport



p. 27 Food & Beverage



p. 31 Packaging Industry



p. 35 Energy Industry



In order to meet the heterogenous customer requirements and industries, we developed application specific and customized components and services as a system and full-service provider in the field of cable management. We want to offer you efficient, cost-effective and flexible solutions, through our expert consultants.





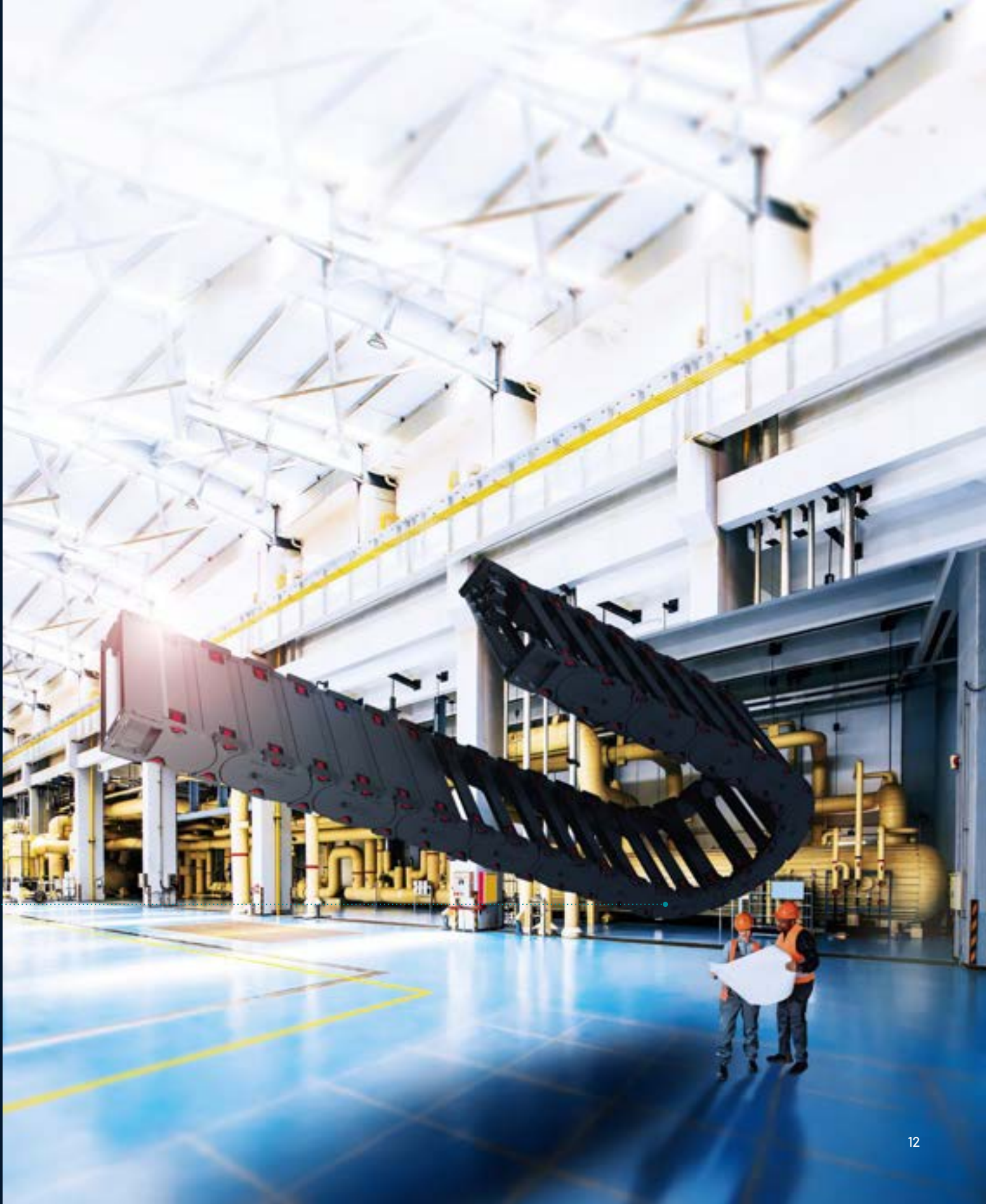
A new level of innovative strength

Mechanical and plant engineering is an important engine of growth for Germany. It drives innovation, serves as a strong pillar of the export market and is recognized internationally as a mark of quality. Digitization is taking a hold as well, fundamentally changing many processes.

murrplastik® seamlessly integrates into this challenging environment. It increases your competitive chances through innovations and continuous improvements.



EVOCHAIN®





Energy chains for every application

Many things are in motion in the field of mechanical and plant engineering. murrplastik® provides energy chains to ensure that the energy always arrives where it is needed.

The EVOCHAIN® combines all the advantages into one product:

- ✓ **EVOLOCK®**
is an easy-to-assemble lock
- ✓ **EVORACK®** enables tool-free opening and closing on both sides
- ✓ **EVOSILENCE®** dampens noise with specially developed elastomers
- ✓ **EVOSHOX®** – damping shoes ensure low-vibration unrolling
- ✓ **EVOCONTROL®** – gliding shoes that increase service life

With a particularly long service life – even in applications with high lateral accelerations – and a convenient configuration of attachments, the EVOCHAIN® makes an ideal product for demanding applications.

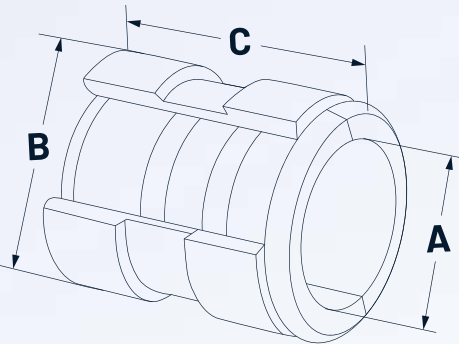


We share your enthusiasm

Switchgear: The foundation of every technical system, their reliability is indispensable for all electronic work processes.

In an increasingly competitive market with a lot of price and time pressure, it is a must to stay ahead, by using materials and systems that are as high-performance as they are cost effective.





Application-specific solutions

With murrplastik® you have an experienced partner at your side.

Easy and space-saving to install, our products contribute to a more efficient workflow. Thanks to particularly robust and durable materials, they ensure product and application safety as required in switchgear construction and hold excellent EM and fire protection properties (in accordance with EN 45545-2 with 3x HL3).

Seamless protection and a long service life

With the SAT-GF, our separable connector for braided conduits, you can noticeably increase the service life of your cables with minimal effort. Easy to install, it reliably prevents the conduit fabric from fraying; thanks to its special design, it can be retrofitted without tools – even for conduits with connectors.



Your way forward

No other industry is as internationally networked and dependent on reliable supply chains as the automotive industry. Adding an extra layer of complexity are the large number of standards, regulations and laws, the industry faces. That makes it even more important that you can rely on every detail from your suppliers.

As a company with decades of international experience, murrplastik® is very familiar with industry requirements.





Full overview with automated marking

With the mp-LM 3 laser marking system from murrplastik®, you always have a full overview. The reliable technology requires no consumables and ensures fast, permanent marking.

The laser marks a wide range of materials easily and abrasion-free; it marks standard labels used in vehicle manufacturing, like, polycarbonate, polypropylene, stainless steel, anodized aluminum,

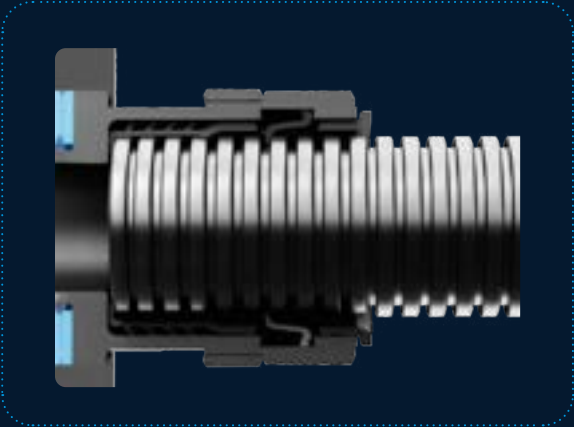
as well as laser foil and magnetic plates. The integration of labeling software and automated batch processing ensures reliably high and error-free output.





Set your course for success

Every day, millions of people and goods travel on American rails. To get from point A to point B smoothly, good organization is necessary, as is the use of reliable materials and technology.



M-PRO





We combine quality and performance

As the only company specializing in cable management systems, we produce all our products for rail transport in compliance with the **European fire protection standard DIN EN 45545-2 with 3x HL3** as well as in accordance with **EN 45545-3** for room integrity, thermal insulation and thermal radiation.

To ensure the longest possible service life of rail vehicles and to protect human life, we offer particularly high-quality, resistant materials and products for both indoor and outdoor use.



Quality without compromise

You bear a lot of responsibility for your products and for your customers: Health protection, safety and reliability are some of the most important factors influencing the food industry.

Such a highly regulated environment is not forgiving, which is why it is vital for you to work with a team you can rely on.





Cable entry systems and cable holders

We carefully tended to the development of our food and beverage industry-specific products and systems to ensure complete customizability and hygienic design in line with standards.

Our corrosion-free cable entry system is the ideal solution for the highly specialized requirements of this industry. FDA-compliant stainless steel guarantees media resistance, health safety and electromagnetic compatibility (EMC). The frame ensures easy assembly and high packing density while the integrated strain relief protects cables and connectors for maximum reliability, freedom from maintenance and a long service life.



murrplastik® has been a member of the European Hygienic Equipment Design Group to support hygiene measures during food production and packaging since 2021.



Supplying the complete package

The requirements placed on machines and systems in the packaging industry vary depending on the application and production volume.

For cost-efficient production, part changes must be as fast, flexible and resource-efficient as possible. The modular and individual components from murrplastik® are ideally suited for this.





Powerful and sustainable

We focused on a balanced interaction between design and material selection when developing our products and systems.

Our products for the packaging industry are non-slip, individually configurable and, especially, hygienic. You will also find a selection of FDA-compliant materials in our products, which guarantees they are safe for use even in sensitive areas such as food handling or pharmaceuticals.



Turning old into new: In the development of our products, we consider their ecological impact. Our EW-R-PP cable protection conduits are not only heat and UV resistant, they are also made of recycled plastic. This saves important resources and protects the environment.





The future in the best hands

It is not just the energy industry transition that makes the energy industry a key sector for any industrial location. To successfully employ a wide range of technologies, reliability and durability even under the most diverse operating conditions are essential.

With murrplastik®, you contribute to the durability of your plant and prevent downtime and maintenance in the long run.

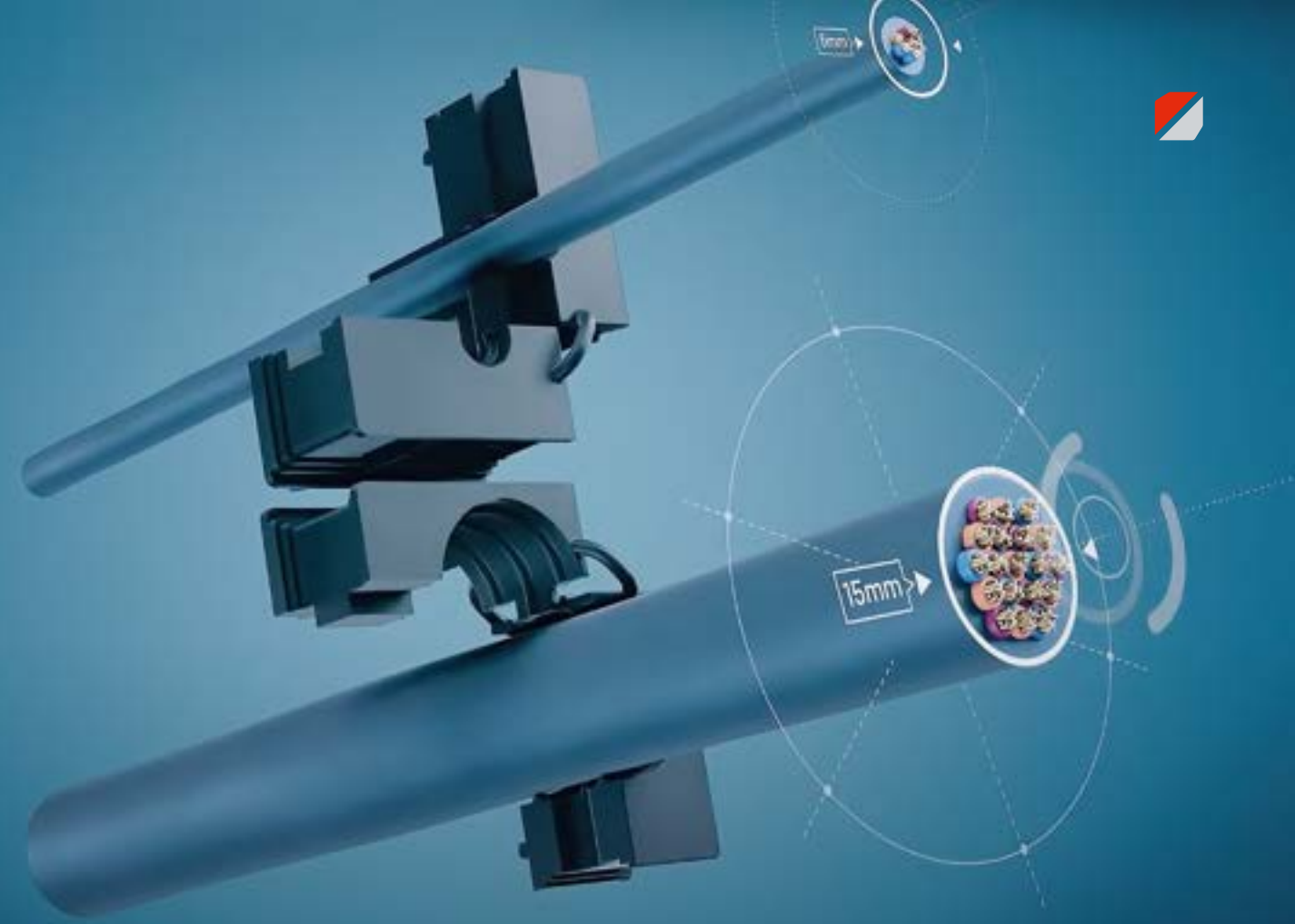




Cable entry systems for use in any conditions

The KDL/E+ cable entry system is specially designed for the requirements of the energy sector; it excels even in the most difficult conditions.

Pre-assembled cables inserted into the frame, which is closed on one side, makes installation child's play, even in static conditions or confined spaces. You can also fully rely on the KDL/E+ after installation: Integrated strain relief, ingress protection up to protection class IP 65 and an operating range of -30 °C to +100 °C covers every application.



Class VO fire protection, RoHS conformity and UV resistance, thanks to special plastic additives highlights the "Made in Germany" quality.



Developing and implementing solutions together – the complete solution.

Strong together. murrplastik® at your side

In our complex, fast-paced world, the development of innovative solutions and a broad understanding of the challenges we face tomorrow determine which companies will be successful in the future.

Our promise: Customized system solutions in an automated world.

We work on your projects together to deliver individually manufactured components and complete systems in a fast and uncomplicated manner.

Working together with experts from a variety of specialist areas, we develop the perfect solution to your problem and secure your long term growth.





Our process for finding solutions:

1 Develop Solutions Together

With our many years of expertise in the industry, a broad and flexible product portfolio, and our experts' professional support, we work together to find application-specific and individual system solutions.

2 Concept Design

Our strengths: A broad spectrum of experience, short reaction times, and solution-oriented view, guarantee total customer satisfaction.

3 Drafting & Documentation

Detailed drafting of an agreed-upon solution concept (including 3D and ePlan data) up to the concrete offer.

4 Project Implementation

Manufacturing of the system solution as well as 100% testing of the complex assemblies with measurement tools and final acceptance using the four-eyes principle.

5 Service & Assembly

We're there for you: from the logistics and end installation up to the maintenance, optimization of existing applications, and service support.

By choosing on our integral service, you are relying on decades of experience and our experts' extensive knowledge. We support you, giving you the foundation to make your way into an automated future.



Over 60 years of experience working along a wide array of industries has taught us that we cannot take progress for granted.

Our progress is the result of courageous decisions by individuals and the combined efforts of many; it needs the space to unfold and time to develop.

By choosing to work with murrplastik®, you are securing the resources created through decades of experience and guiding your machines safely into a networked future.

Together with our customers from all over the world, we make room for progress and, in the spirit of our founder Horst Hölzl, make everyone's life a little easier.





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