

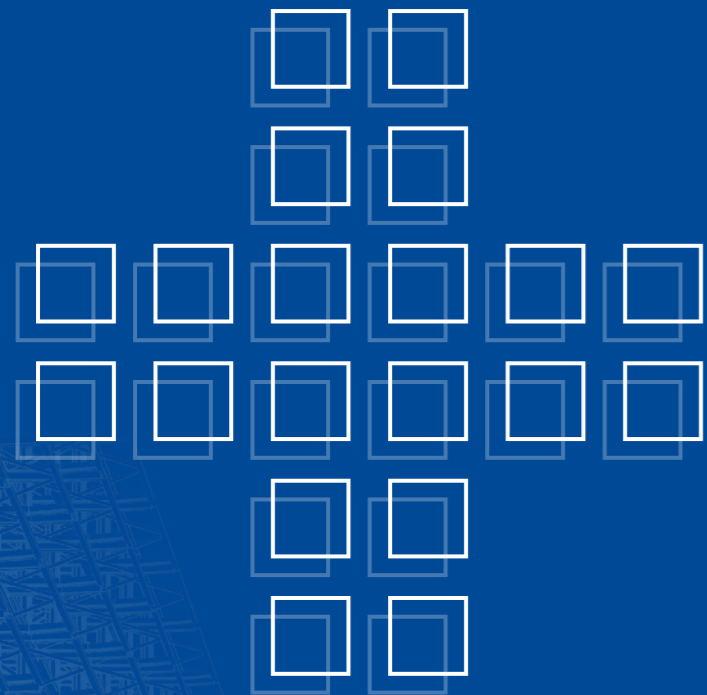
Turning Ideas into Solutions



fehr



— Fehr offers innovative one-stop warehousing solutions, developed with many years of experience and the commitment to constantly break new ground.



Since 1949, Fehr has been a reliable partner for integrated intralogistics solutions and a pioneer in the automation of material flow and storage of bar stock and sheet stock made of steel, aluminum, plastic, wood and glass.

Our modular systems are used across industries and around the world. They cover automated storage, flexible handling, and the commissioning of pipes, rods, bars, profiles, beams, sheets, and plates.

Highest throughput, short cycle times, and maximum operational reliability – that's what our solutions are designed for. Precisely tailored to the requirements of steel producers and service centers, profile manufacturers, and other manufacturers – e.g., in window or machine construction – as well as in the sheet metal sector, they are capable of handling both high-performance environments and compact production sites.

Whether for a new system or retrofit projects – we stand for tailor-made end-to-end solutions that combine mechanical precision, digital connectivity, and intelligent control – from planning, production, installation, and software integration to lifelong support, right where our customers need us.

With service and innovation hubs in Switzerland, Germany, the USA, Poland, France, and Italy, we accompany our customers every step of the way and create solutions that make their material flows more efficient, connected, and more agile.

Welcome to Fehr!

We create automated warehousing solutions from a single source – with reliable precision based on many years of experience and a willingness to break new ground. We develop and implement customized solutions for you that make your material flows more connected, agile, and efficient.

Get to know us and discover how we can make you fit for the digitally driven supply chain.

Thomas Lehner – CEO Fehr Group

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1949

Hans Fehr founded an engineering office focusing on logistic solutions for long goods.

1970

With an innovative sliding system for cassettes on the rack, Fehr developed the basis for **Fehr Honeycomb**, which is still a market leader today.

1972

A revolutionary gripper system guarantees careful handling of materials through friction-locked movement sequences.

1974

The first storage and retrieval machine with two pull-out devices for cassettes in the steel-trading sector is put into operation at Carl Spaeter GmbH.

1983

Satellite technology allows materials to be handled without load-carriers for the first time.

1993

The first fully automated pick system is developed by Fehr and installed in Sweden.

2007

Fehr Multi Tower is incorporated into the product range.

2012

With **Fehr WMS**, Fehr begins to implement its own software solution.

2014

It becomes possible for the first time to simulate the material flow on a computer using customer data.

2015

Founding of our own in-house production (Fehr Lagerlogistik GmbH) in Ubstadt-Weiher (Germany).

2017

Founding of our branch office in the USA, Charlotte, North Carolina.

2019

Market introduction of self-sufficient material stocking, including tube/bar separation, integrated into processing machines and fully integrated into **Fehr Multi Tower**.

2024

Establishment of Fehr branches in Warsaw (Poland) and Hagenau (France).

The majority owners of Fehr Group AG acquire Matter Srl. in Bibbiano (Italy).

— An end-to-end digitally driven supply chain.

Fehr delivers fully integrated supply chain systems powered by smart automation, digital connectivity and data-driven performance.

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At Fehr, we don't just develop warehousing systems – we create digital ecosystems that make your supply chain more connected, agile, and efficient. This prepares your intralogistics for the fully digitalized supply chain of the future.

Our technology platform combines advanced material management, intelligent data communication, and seamlessly integrated interfaces with customized software solutions, automated transport systems, and intelligent machines. Together, these digitally connected systems enable real-time inventory visibility, predictive maintenance, optimized workflows, and just-in-time delivery, ensuring smooth coordination between all process components and creating a consistent, scalable, and powerful process chain, even in complex production and distribution environments.

Each project follows a structured process: analysis, planning, simulation, and implementation – comprehensive lifecycle management included. This ensures that your intralogistics remain efficient, stable, and future-proof in the long term.



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Planning

ANALYSIS

- Represent process workflows, software workflows and mechanical system performance
- Uncover possible vulnerabilities
- Identify potential improvements in view of amended operating procedures
- Simulate current material flow

DESIGN

- Plan and optimize process workflows
- Create a best case scenario
- Incorporate customers' individual requirements

SIMULATION

- Simulate in real time using real customer data
- Implement virtual hardware and software
- Flag up requirements for new operating procedures

Implementation

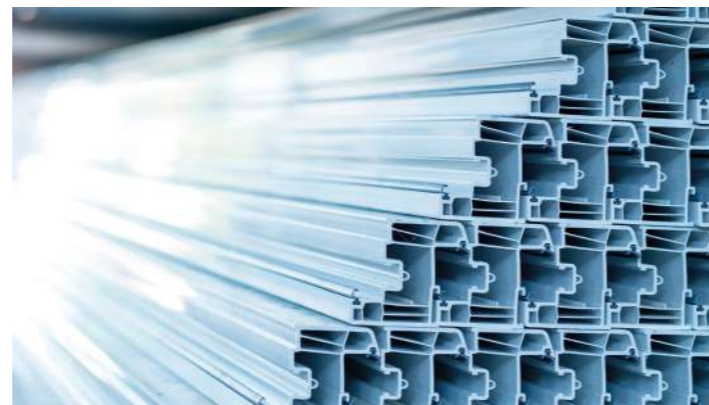
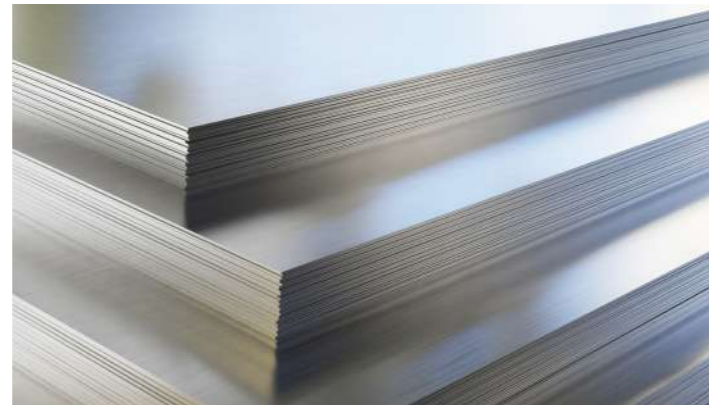
- Rapidly execute conversion work according to customer-specific time windows
- Securely implement new or existing IT structures and Fehr WMS with experienced technicians
- Train operators and maintenance personnel
- Test performance
- Handover according to specification
- Reliably adhere to schedules

Lifecycle Management

- Nationwide service support points
- Mechanical maintenance and software updates
- Short reaction times
- High availability of spare parts
- Remote access
- UVV tests and racking inspections
- Retrofitting

— Tailored for every market and material.

Fehr develops high-speed, high-capacity AS/RS systems and innovative logistics concepts for complex environments.



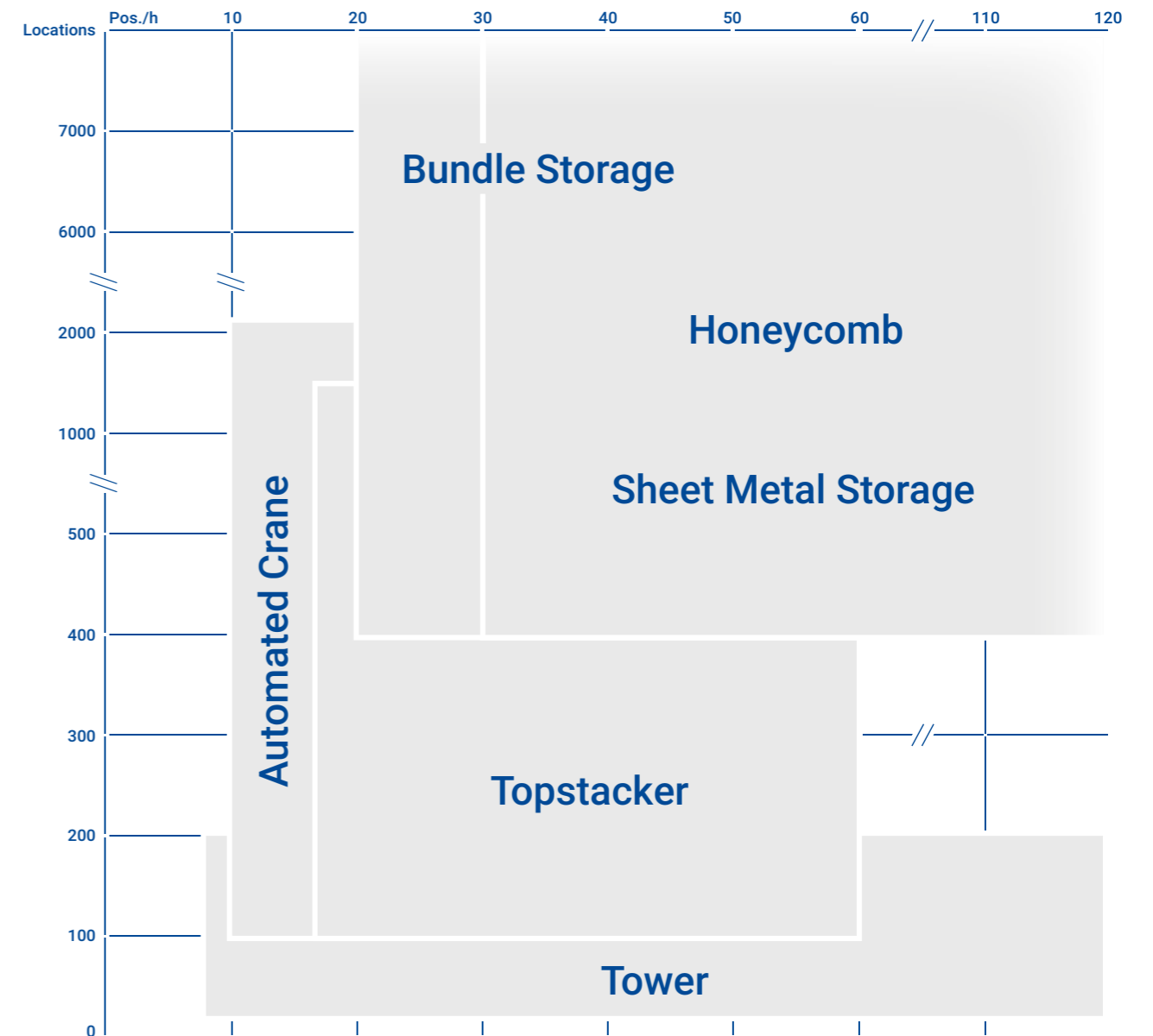
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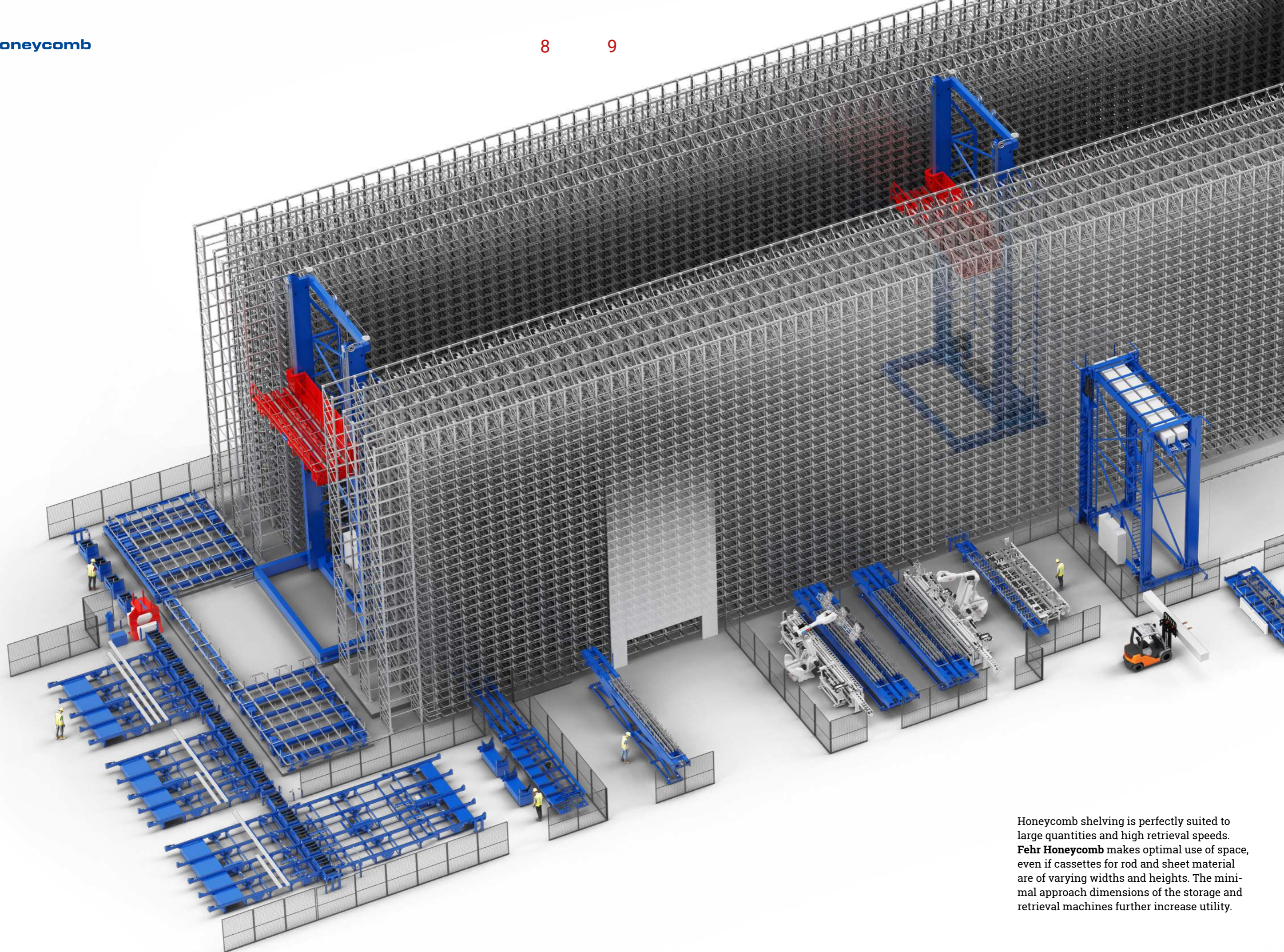
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— Modern warehousing logistics are as diverse as warehouse goods. From tailor-made system solutions to the standard version: Fehr systems are tailored to suit your needs.

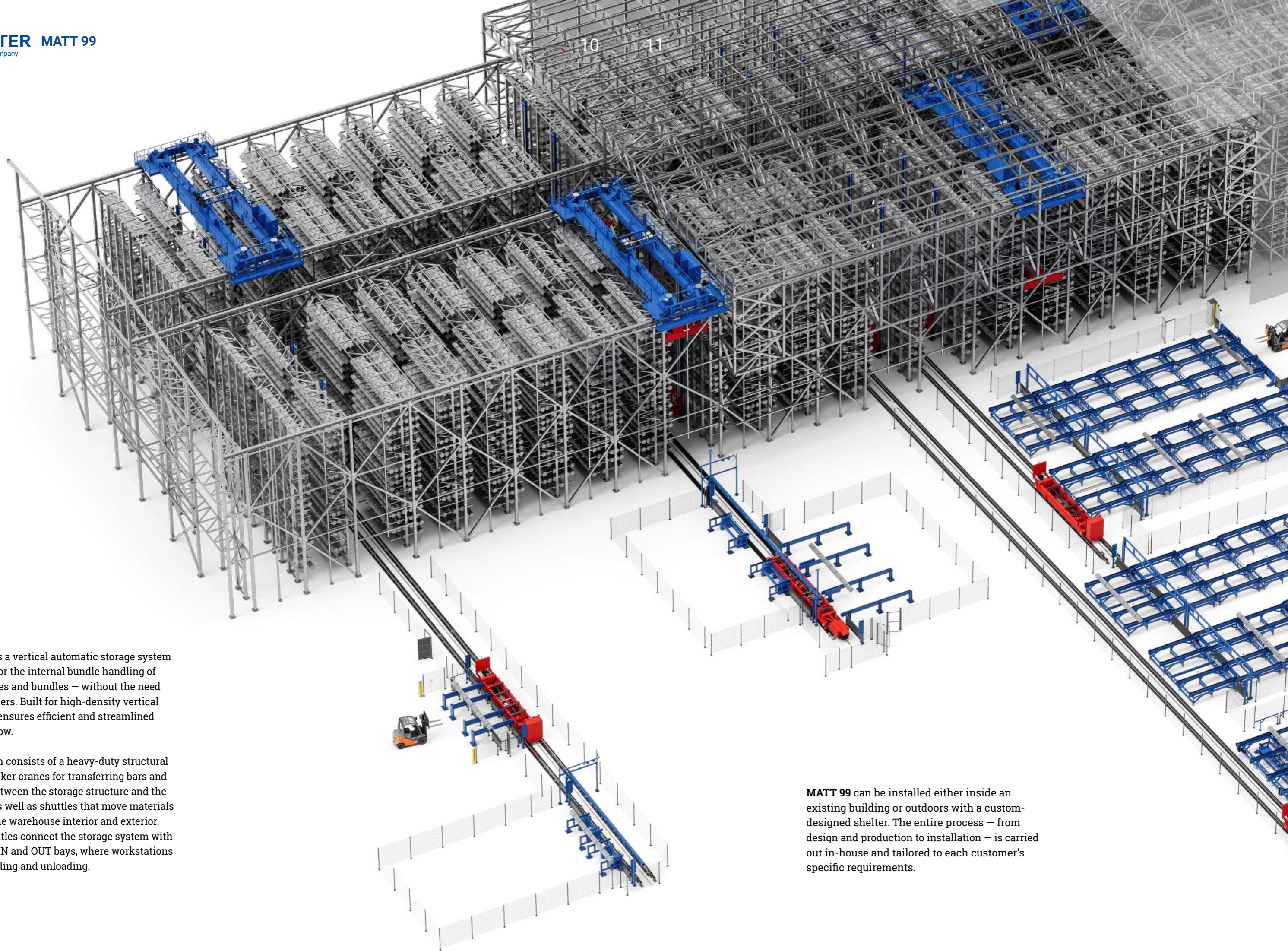
Fehr delivers fully integrated storage and material handling solutions that are specifically tailored to the requirements of steel producers and service centers, profile manufacturers, and other manufacturers – e.g., in window or machine construction – as well as in the sheet metal sector.

From compact, manually operable storage towers to a fully automated warehouse with over 10,000 storage locations, we work with you to develop a highly efficient, tailor-made solution that is precisely tailored to your operations, your capacity requirements and your material flow. Depending on the number of cassette spaces and positions per hour, you can choose the system that best meets your requirements.





Honeycomb shelving is perfectly suited to large quantities and high retrieval speeds. **Fehr Honeycomb** makes optimal use of space, even if cassettes for rod and sheet material are of varying widths and heights. The minimal approach dimensions of the storage and retrieval machines further increase utility.

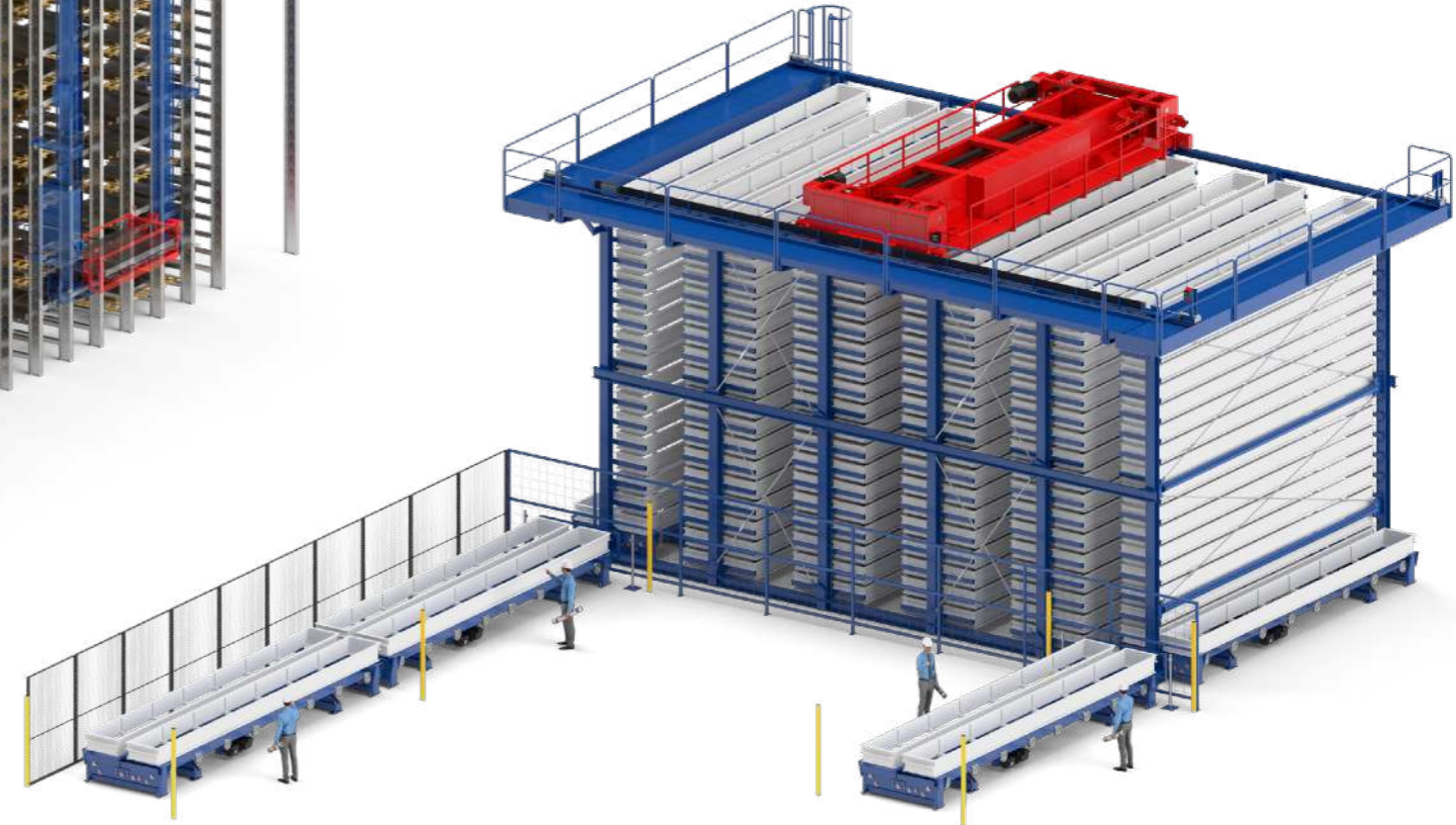
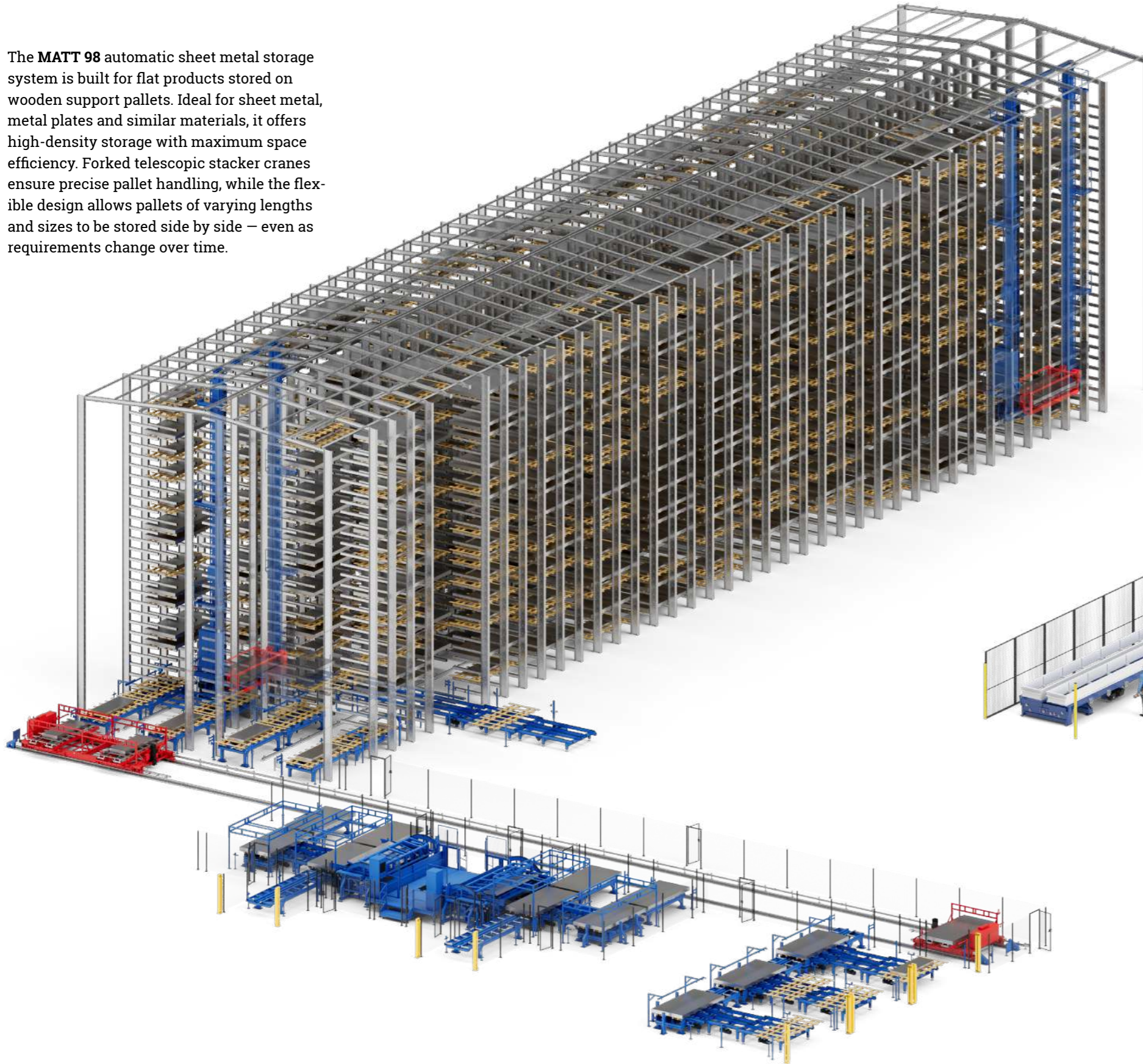


MATT 99 is a vertical automatic storage system designed for the internal bundle handling of bars, profiles and bundles – without the need for containers. Built for high-density vertical storage, it ensures efficient and streamlined material flow.

The system consists of a heavy-duty structural frame, stacker cranes for transferring bars and bundles between the storage structure and the shuttles, as well as shuttles that move materials between the warehouse interior and exterior. These shuttles connect the storage system with dedicated IN and OUT bays, where workstations enable loading and unloading.

MATT 99 can be installed either inside an existing building or outdoors with a custom-designed shelter. The entire process – from design and production to installation – is carried out in-house and tailored to each customer's specific requirements.

The **MATT 98** automatic sheet metal storage system is built for flat products stored on wooden support pallets. Ideal for sheet metal, metal plates and similar materials, it offers high-density storage with maximum space efficiency. Forked telescopic stacker cranes ensure precise pallet handling, while the flexible design allows pallets of varying lengths and sizes to be stored side by side – even as requirements change over time.

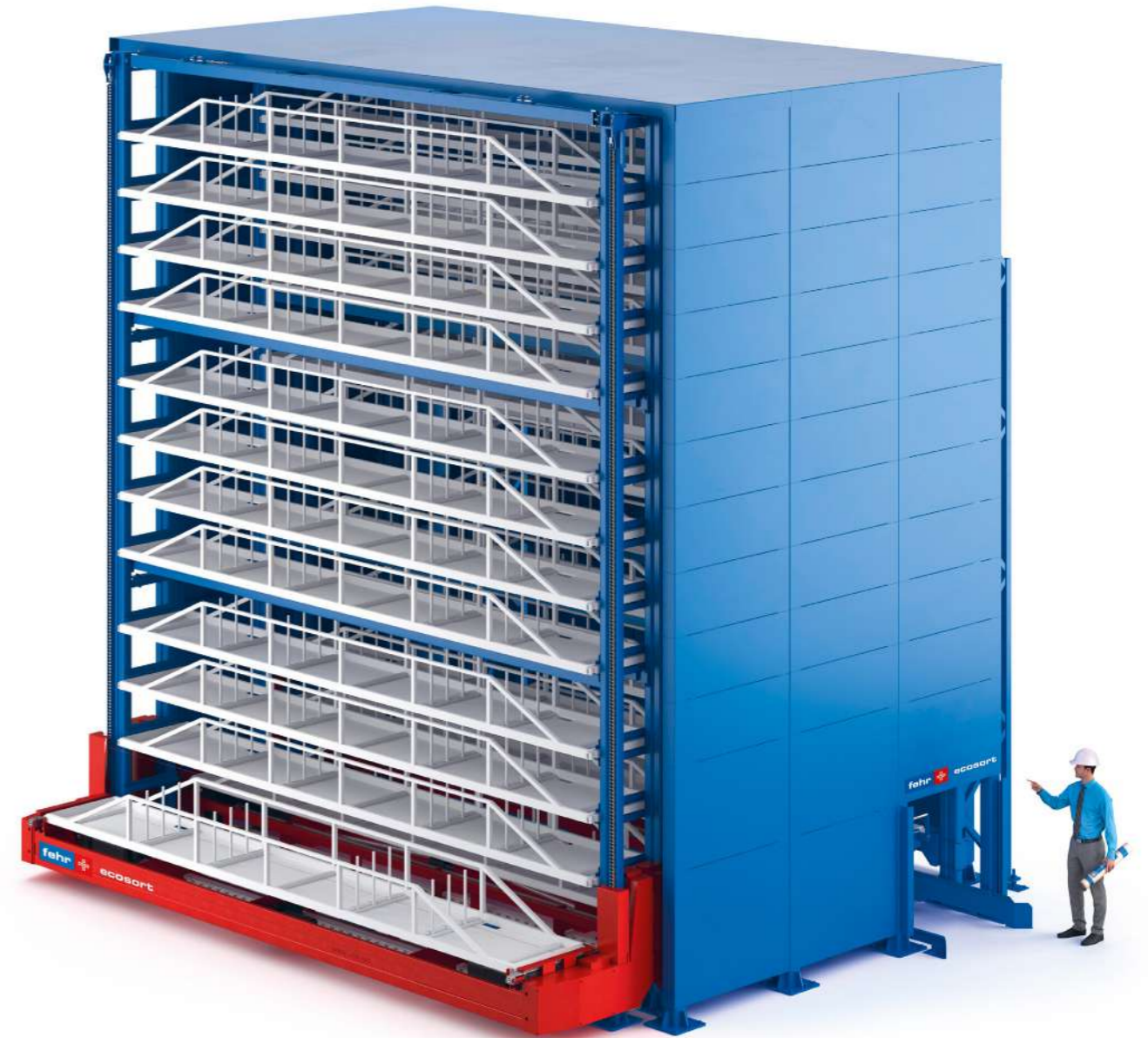


The advantage of **MATT TOP** lies in how extremely simple it is to integrate into existing halls. When your needs grow, this topstacker system also grows effortlessly thanks to its modular structure. Self-supporting cassettes are ideally suited to be transported within the company.



MATT BOX is a modular compact tower system that stores and handles a wide variety of products – such as dies, components, long goods and semi-finished items – quickly, safely and efficiently. Ideal for mechanical workshops, retailers and distributors, **MATT BOX** warehouses can be configured to meet individual customer requirements.

These automatic storage systems offer all the functionality, quality and performance of large-scale solutions – but in a compact format.



Quick retrieval times, high availability and cross-linked processes are among the most essential requirements for doing profitable business in any production facility and trading company. With the **Fehr Ecosort**, Fehr has managed to meet just these demanding requirements.

The cross-process structure and extremely high performance which this tower storage system offers is unique on the market. With an output of up to 120 positions per hour, **Fehr Ecosort** is the fastest picking system for long goods.

— Flat/Sheet Handling Systems.

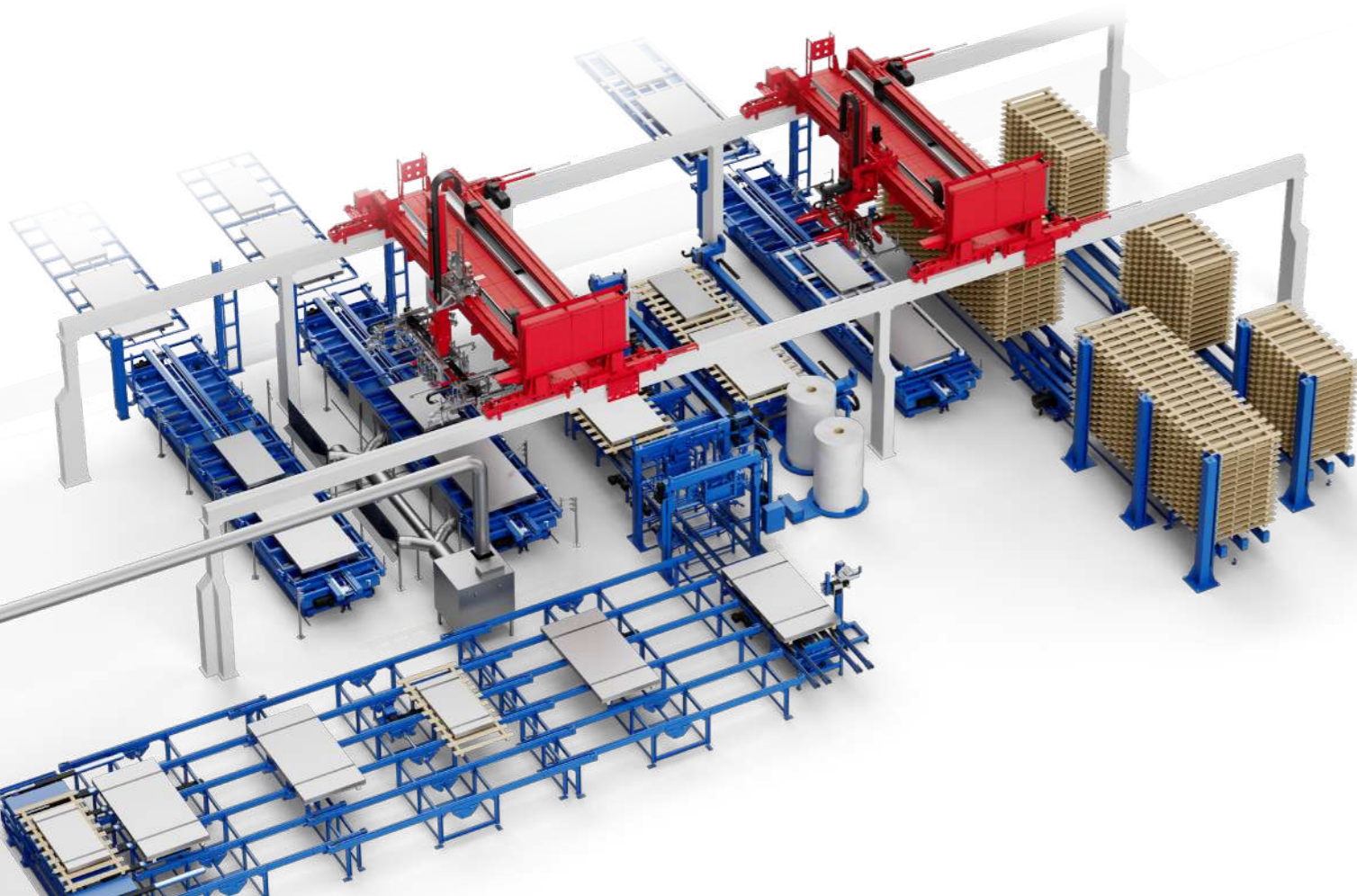
Automated Sheet Handling – Reliable, Precise and Smart.

Fehr's handling systems revolutionize sheet logistics with fully automated solutions for sheet separation, picking and order fulfillment. Our systems handle all common metal types, including oily, thin, thread plate or non-ferrous materials, all without manual intervention.

Our systems reliably separate sheet stacks – even those problematic for traditional spreader magnets – and ensure precise, ready-to-ship order consolidation. Designed for maximum process efficiency, flexibility and surface protection.

Benefits at a Glance

- Automatic picking & separation from high-bay warehouses
- Fully automated process from inbound (mill bundles) to finished packaged customer shipments
- Independent of material grade or surface condition
- 100% order-pure delivery to pallets
- Seamless integration into existing WMS, PPS and ERP systems
- Operational 24/7



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— Bar Handling Systems.

Automated Long Product Handling – Robust, Fast and Flexible.

Fehr's bar handling systems transform how you manage long materials like bars, beams, tubes and profiles. Whether for saw feeding, picking, or remnant return, we automate what used to be manual and repetitive.

Solutions for Every Step

- Automatic bar picking: Pick the exact quantity needed – from cassettes, crane stores, or AGV interfaces
- No pre-sorting
- Higher flexibility & accuracy
- Cost savings and error reduction

Built to meet the rigorous demands of steel service centers, window manufacturers and industrial fabricators worldwide.

- Automated transport of single bars to the saw and backhandling of usable remnants
- Fully integrated into storage systems
- Labor-free material supply
- Remnant piece length measuring included
- High throughput with minimal manpower
- 100% traceability in inventory and production
- Integration into tube laser, saws, deburring, marking and more value add processes
- Modular design for scalable automation





— Digitally driven transformation. Fehr software enables intelligent material flow, cassette and warehouse management, ERP integration, saw cutting optimization, mobile access and advanced add-ons – delivering fully automated, flexible and scalable solutions for modern intralogistics.

Tailor-Made Solutions

As each product group has its own performance requirements, we have developed specific solutions alongside the standard version **Fehr Software**, simply adapted for your needs.

Maximum Availability

The applied technology and proactive support service provided by Fehr warehousing logistics guarantee that **Fehr Software** is available 99.9% of the time.

PLC Level Integrations

Fehr systems communicate directly on a PLC level with saws, lasers, punches and other third-party machines. Job and material data are transferred automatically, eliminating manual operator input. This enables seamless, end-to-end automation from storage to processing, reducing errors, increasing efficiency and supporting fully integrated, high-performance production workflows.

KVS Material Flow System

Fehr's material flow system tracks and organizes every storage cassette within the ASRS. It ensures safe loading, accurate placement and efficient retrieval – without needing a full WMS. Instead, cassette activity is directly managed and tracked via the customer's ERP system, enabling seamless integration and streamlined material flow.

Modern System Architecture

The object-oriented architecture of **Fehr Software** ensures scalability and adaptability without affecting integrity. Well-defined interfaces cater for simple integration into existing structures.

Maximum Data Security

Fehr Software stands for maximum data security, as the database is separate from transactions and every logical drive consists of two physical mirror drives. All this guarantees data security up to the last transaction.

WMS

Fehr's warehouse management system (**Fehr WMS**) enables full control of inventory, order processing and material flow within the ASRS. It manages locations, tracks movements and optimizes storage efficiency. The WMS can operate as a standalone system or integrate with the customer's ERP system, ensuring transparent, real-time data exchange and fully automated warehouse operations.

Software Modules

Fehr offers modular add-ons typically found only in customized ERP/PPS systems. Customers can select features like cutting optimization, forklift guidance, detailed reporting, one- or two-level picking, CRM, packaging and mobile device integration. These modules enhance flexibility, streamline operations and extend functionality beyond traditional warehouse control systems.

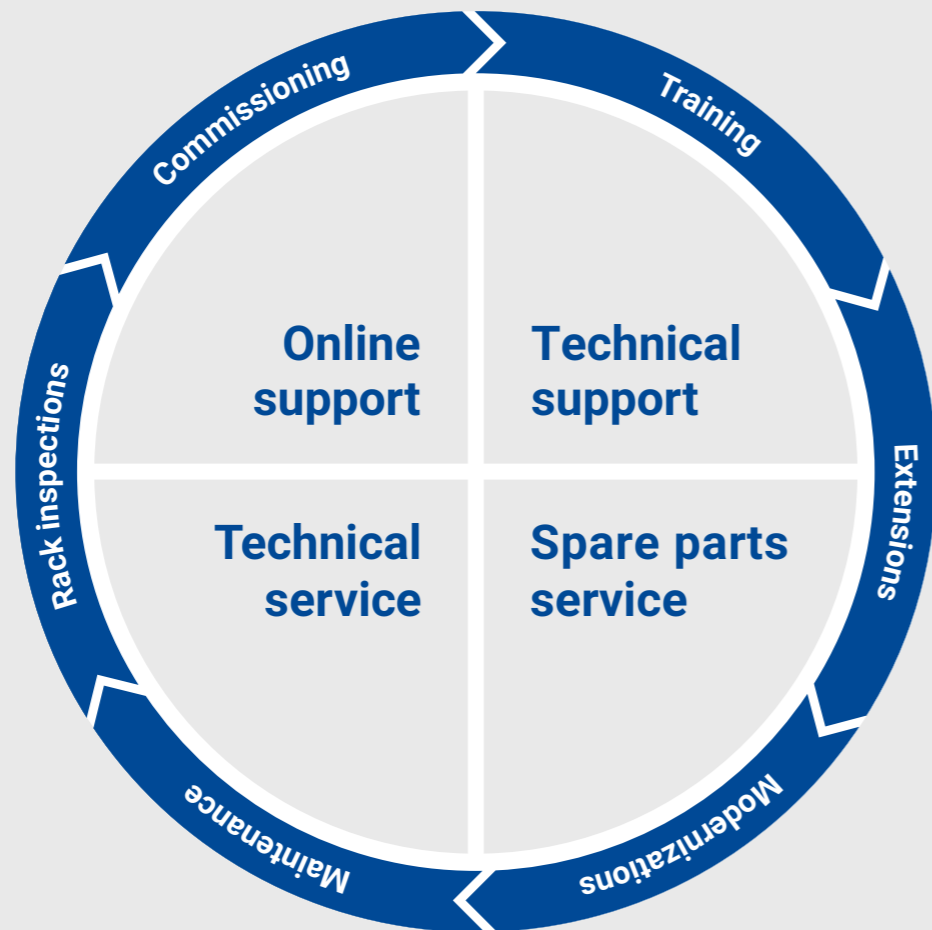


— Always Close. Always Ready. With service hubs across Europe, North America and beyond, Fehr is never far away. Our multilingual teams respond quickly and reliably — in German, Italian, English, Spanish, French and Polish — to keep your systems running smoothly, wherever you are.

— Wherever Fehr is involved, life-long support is included. With tailored service and proactive maintenance from our expert teams, we help you extend performance, reduce downtime and protect your investment — year after year.

With service hubs across Europe, North America and beyond, Fehr is always close by. Modern remote diagnostics and well-stocked spare parts warehouses ensure fast, hassle-free assistance — anytime you need it. You can count on your system to perform, day in and day out.

From commissioning to rack inspections, Fehr covers all key processes for effective life-cycle management — delivering clear communication, minimal complexity, maximum system longevity and value retention.



— Our modular service structure gives you full flexibility. Core services like assembly and training come standard with every Fehr system. Additional modules can be combined to create a service agreement tailored exactly to your needs.

Services

 SPARE PARTS SERVICE	 ASSEMBLY AND COMMISSIONING	 PRODUCTION SUPPORT	 SERVICE HUBS
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Our spare parts management ensures that the right parts and resources are always available at the right time and in the right place. On request, we put together a customized spare parts package for your system.

Our trained personnel will install your system to ensure smooth commissioning and a safe launch of your system.

New systems frequently throw up many new questions. Our technical engineers are always on hand to provide advice and assistance during the initial period of production.

Our dense service network in Europe, Canada, and the USA enables prompt on-site interventions, supported by multilingual teams in German, Italian, English, Spanish, French, and Polish.

Individual Services

 TRAINING	 SYSTEM UPDATE	 REPAIR SERVICES	 CONVERSION AND EXTENSION
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With dedicated training courses delivered by our experienced training team, you can deepen your employees' knowledge or efficiently qualify new staff to operate your systems.

Future-oriented modernization will protect your investment and guarantee reliable operations for years to come.

Be they planned or unplanned — it goes without saying that we carry out repair work competently and rapidly.

We support you in the optimization and technical implementation of workflows and processes to make your systems more efficient and future-proof.

Individual modules can be combined into a tailor-made service agreement.

— New system or retrofit?

A modernized system from Fehr brings your entire warehouse — up to date, regardless of manufacturer, secures your investment and keeps your business competitive.

As a customer, you have a key role in every step of the process. This creates transparency on both sides and guarantees precise implementation. In addition to our technical expertise and experience in plant modernization, our organization can cover all relevant sub-projects

and thus fully exploit the potential for improvement. From preliminary process analysis to the value preservation of your investment following implementation, Fehr is your reliable partner over your plant's entire life cycle.



Why a retrofit from Fehr?

Transparency

- High degree of customer involvement
- Tailored schedule
- Quick processing

Technical Coverage

- Hardware
- Control
- PLC
- Drive technology
- Electrical equipment

Project Planning

- Analysis by simulation (if desired)
- Planning competence
- Futureproof transformation
- Innovation check

Reliability

- Binding deadlines
- Compliance with specifications
- Pinpoint handover

Know-how

- Decades of experience
- Over 200 conversions
- Well-functioning team
- Knowledge of all systems on the market

Security

- Smooth conversion phase
- Minimal downtime
- Investment protection



— 500+ Fehr Systems Worldwide

Fehr systems are trusted globally and are specifically designed to meet the requirements of steel producers and service centers, profile manufacturers, and other manufacturers – e.g., in window or machine construction – as well as in the sheet metal sector.

They reliably handle both high-throughput environments and compact production sites and enable automated storage, flexible handling, and commissioning of bar and sheet stock, such as pipes, rods, bars, aluminium and plastic profiles, beams, sheets, and plates.



— Fehr Innovation & Service Hubs

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— How ideas turn into solutions.

Fehr stands for engineering excellence, end-to-end solutions and lifelong support — from planning and production to installation, software integration and technical service.

- Long goods and sheet-metal storage
- Conveyor equipment
- Industrial paternosters
- Handling systems
- Special designs
- Material flow analyses
- Industrial automation
- Inventory management
- Plant modernization
- Retrofit
- Remote maintenance
- Online ERP interfaces
- Online saw interfaces
- Spare parts management



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