

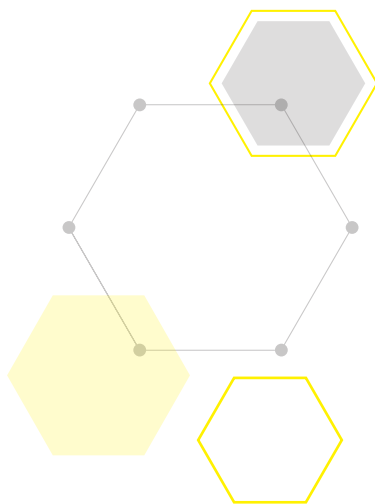
REALIZING VISIONS

Together we grow into your future.
Scalable warehouse solutions with manufacturer excellence.

ssi-schaefer.com



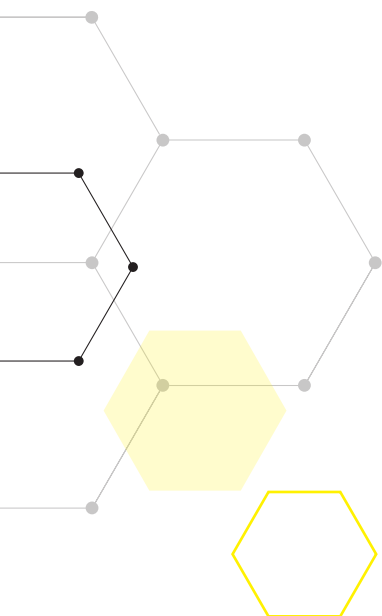
SSI SCHÄFER



STRONG TOGETHER

Your ability to compete takes top priority. As a full-range supplier of warehouse and operating equipment, we see ourselves as your partner, supporting you on your growth course by providing you with perfectly tailored solutions.

04



OUR SOLUTIONS

Whether your needs relate to manual warehouse systems with containers, racks, and conveying systems or to automated logistics and picking systems that include logistics software, you will benefit from sustainable intralogistics solutions that increase the efficiency of your processes, elevate your effectiveness and can be flexibly expanded over time.

CONTAINERS

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OUR AUTOMATION SOLUTIONS

The right amount of automation also benefits small and medium-sized businesses. Successive semi-automation can produce significant increases in efficiency.

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WHO WE ARE

SSI SCHAEFER is a family-owned business that has established itself around the world as the first address for highly efficient intralogistics solutions. We want to do our part in turning your vision into reality.

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WHERE WE COME FROM

Our history started in a basement workshop. From modest beginnings as a one-man business, over the years, SSI SCHAEFER has developed into a large, internationally operating SME.

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NEARBY. AROUND THE WORLD.

Right there where you need us. With more than 70 branches and 10,500 employees around the world, we are always nearby our customers, a guarantee for short response times – whether to consult, plan or implement your next intralogistics solution.

46

IT-SUPPORTED ORCHESTRATION

WAMAS® is our intelligent logistics software that allows you to efficiently manage and control your entire material flow. As a certified SAP partner, we provide the support you need while implementing SAP EWM solutions.

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SERVICE AND SUPPORT

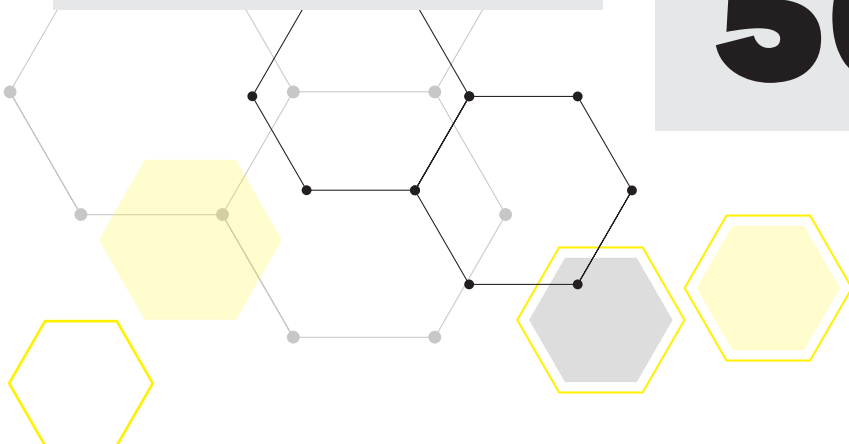
Consistent system availability is a must. We offer service concepts that we tailor to match your specific situation and that leave nothing to be desired.

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OUR NEXT PROJECT IS YOUR VISION

Logistics is important as a lever for success and thus a critical factor in the competitive environment. With a sense of responsibility, creativity and extensive expertise, SSI SCHAEFER strives at securing your future, even in dynamic markets. Tell us about your vision. We embrace your ideas, and together we design a viable solution for your intralogistics. Well thought out, step by step, on time and on budget.

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STRONG TOGETHER

WE NEVER LEAVE OUR CUSTOMER STANDING OUT IN THE RAIN.

Fritz Schäfer, Founder of SSI SCHAEFER

This guiding principle has held to this day. As we see it, our main objective is to fully support our customers – from small start-ups to SMEs –, while always delivering the individually optimized solution and standing by our commitments at all times.

The big picture. The challenge for you is to align your warehouse logistics with the latest trends and consistent growth. This makes it all the more important to have individually adapted, future-proof solutions from a single source, seamlessly integrate them into your processes and then scale or infinitely expand them as necessary. At SSI SCHAEFER, we aim to support you to ensure your optimization potential is fully realized. We think and act long-term to always achieve the best and most efficient solution in light of your requirements.

TASK

Lack of space
Lack of clarity
Complicated material flow
Low technical performance
Technology susceptible to malfunctions

ANALYSIS

Target definition
Determining needs
Budget review
Product/system selection
Synchronizing scheduling

SOLUTION

Container systems
Static racking systems
Dynamic racking systems
(Semi-)automated warehouse solutions
Control components
Customized service

Starting off, just a few racks are usually all you need to store products. Yet, you might quickly run into capacity bottlenecks as your assortment of products grows. Goods are set down anywhere there is space which increases the search effort. With our intralogistics solutions, we ensure transparency, constant availability and prompt order processing that will excite your customers. Our experts will accompany you from the first idea and analysis to the implementation of the jointly developed solution and beyond. As business models change, you can always rely on us for advice and scalable systems.



What can SSI SCHAEFER do for you?

<https://pages.ssi-schaefer.com/en-de/sme-imagefilm>

YOUR
SYSTEM

ANALYSIS
CONSULTING
PLANNING
PRELIMINARY WORK
COORDINATION



OUR SOLUTIONS

IT STARTS WITH YOUR VISION.
WE WILL WORK WITH YOU TO IMPLEMENT IT.





Our modular system - a perfect match. Containers, shelving and pallet racks, dynamic warehouse and picking systems. With the proven SSI SCHAEFER production quality.

VISION: SMALL PARTS STORAGE

CONTAINERS FOR SMALL PARTS STORAGE

TASK

Storage, tidiness, structure and easy retrieval of small parts

Is transparency being lost in the warehouse? What works on a small scale will eventually run into limits once product diversity increases.

- Small parts storage becomes disorganized
- You lose sight of the range of items
- Shortage of space due to not stackable containers/cartons
- Poor access to goods in closed boxes

This kind of inventory management situation has consequences:

- Your staff constantly has to search for the required small parts
- Repacking goods requires a lot of effort given that not all containers are equally suited for storage and picking
- Impeded access takes up more time and may lead to errors in picking, incurring costs

SOLUTION

Open fronted boxes, shelf bins



Our open fronted boxes and shelf bins allow you to systematically achieve order and increase the efficiency of your processes - both in storage and in the provision of small parts.

- Easy and quick access to all goods thanks to a clear view of the content
- Use of label fields to describe and identify content, e.g. via the item name, item number, barcode or QR code
- Dividers ensure maximum order and allow for the ideal use of volume
- Stackable on euro pallets
- Made of durable polypropylene or polyethylene
- The steel design is recommended for heavy goods or for parts containing oil, acids, high temperatures or where there is a risk of flying sparks

At the same time, you will produce a solid basis for achieving additional growth at the warehouse and picking level.

- Perfect integration in SSI SCHAEFER shelving systems
- Flexibly suited for manual handling in workshop, warehouse and operations



- + Maximum order and utilization of volume
- + Available in many basic sizes
- + Numerous subdivision and labeling options
- + Stable, all-round stacking edge
- + Stackable even for different heights
- + Practical and versatile without limits
- + Easy integration into a variety of shelving systems

OUR CONTAINER SOLUTIONS

FOR YOUR SMALL PARTS STORAGE.



You find additional information and our helpful contact persons on our website

<https://pages.ssi-schaefer.com/en-de/sme-open-front-containers>

HARD SHELL, EASY TO HANDLE

The 14/7 series made of steel is suitable for small heavy weights. The recessed handgrip ensures ergonomic handling.



EVERYTHING IN VIEW

The open frontend Lager Fix boxes (LF) made of plastic with a low dead weight have a stable stacking edge on all sides and label fields on the front.

Our classic product, the open frontend box, has proven to be an indispensable organizer to this day. Small parts are clearly structured and safely stored, eliminating annoying searches.

Andreas Kloeckner
Sales Team Containers Steel at SSI SCHAEFER



YOUR BENEFITS

- The opening at the front always allows a direct view of the items
- Quick and direct viewing and access options on the rack, even when stacked
- Grooves for dividers to subdivide longitudinally
- Insertion grooves for combination discs
- Optionally available in steel or plastic
- Extensive range of accessories from dividing walls and lids to insertable boxes

OPTIONS

The LF and 14/7 open frontend boxes are designed so that they can be easily integrated into all shelving systems, e.g. the SSI SCHAEFER static racks. Varying dimensions and sizes can be combined with each other in each shelving bay.

We also offer shelf bins made of plastic and steel, which make optimal use of the shelf depth in small parts storage. They can be divided into several compartments by using partitions and can lock on the shelves thanks to their raised rear side (drawer principle).



Shelving bins made of plastic



Shelving bins made of steel



PERFECT FOR THIS



Shelving rack

VISION: RETURNABLE LOGISTICS

CONTAINERS IN EURO DIMENSION

TASK

Avoid having to repack goods, conserve and save resources

Not every packaging is suitable all around for warehouse, picking and transport tasks.

- In some cases, you have no choice but to repeatedly put extra effort into repacking goods into other containers that meet the requirements
- This kind of effort can occur from goods-in to production to goods-out
- Poor stacking safety is another shortcoming of different containers/cartons

Inefficient processes may also require added effort from your staff, resulting in additional costs for your company.

- Need for more staff despite reduced productivity
- Increased risk of work accidents in handling and transport

SOLUTION

Stacking containers, trays



Returnable logistics is the answer! Using a container system that suits all of your requirements will save not only time and money but also valuable resources.

- A container for every operating task in storage, picking and transport
- Optimal degree of volume utilization thanks to euro pallet sizes
- Flexibly suited for manual, semi-automatic and fully automatic handling in the workshop, warehouse and operations

Additional advantages on the operation level result from other bespoke container features:

- From light loads to heavier content loads such as 70 kg, stacking loads up to 600 kg
- Stackability thanks to the euro dimension
- Product protection and increased work safety



- + Universal talent that can be used in diverse ways
- + Designed to euro pallet size
- + Stackable even with the variety of heights in different series
- + Recyclable returnable containers
- + Many variations
- + Container types for light, medium and heavy loads
- + Extensive accessories



OUR CONTAINER SOLUTIONS

FOR YOUR RETURNABLE LOGISTICS



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-euro-dimensions-containers>

LTB - THE "POWERHOUSE" AMONG BOXES

Reveals its benefits in conventional manual handling as well as in automatic systems and can be used for content loads up to 70 kg.



A CONTAINER WITH STRONG CHARACTER:

Smooth floor properties, stable corner beams, heavy-duty ribbed structure.

PERFECT FOR THIS



Flow racks



Shelving racks



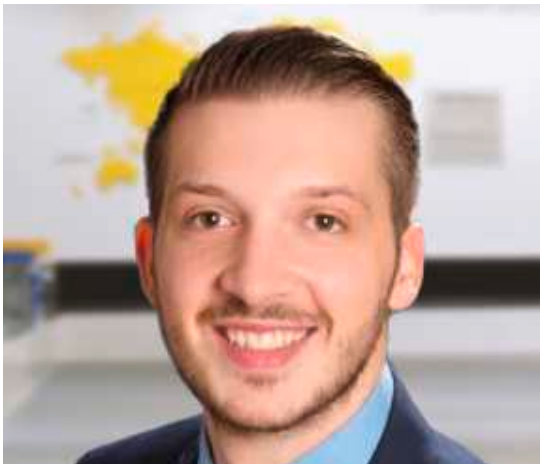
Conveying system

YOUR BENEFITS

- Stable stacking containers for high loads
- Designed for multi-functional use
- Ergonomic hand holds
- Available in basic dimensions of 400x300 mm, 600x400 mm and 800x600 mm
- Standard version with reinforced floor
- Optimal use of volume for storage, picking and transport
- Goods are protected against dirt and damage

OPTIONS

Not only the LTB container series, but also the ELB and LTF series designed for conveying systems are simply an ideal solution for returnable logistics requirements. We also offer trays for carton storage, which improves the handling of cartons, and accounts for fully automatic handling and/or transport. They make perfect sense for the product assortment, guaranteeing an efficient and trouble-free material flow.



Our euro containers are truly versatile. My tip: Take advantage of the variants with a hinged lid and separate cover as well. This makes the container immediately ready for shipping.

Nikolai Poeschl
Product Manager - Plastic Containers at SSI SCHAEFER



VISION: EFFICIENT TRANSPORT

SPACE-SAVING CONTAINERS

TASK

Time-saving processes and volume reduction at the warehouse/transport interface

Saving space and stacking safety also bring about gains in efficiency during external transport. But, as is often the case, the devil is in the details.

- When rigid containers are delivered, the same space must remain available in the truck for return transport
- This makes inefficient use of the volume when returning empty containers

Store deliveries in particular are challenging.

- After retrieving the goods at the destination, the used containers must then be returned
- It would be possible to deliver in cartons, but this alternative is neither sustainable nor efficient
- Cartons also cannot be stacked safely, posing a risk of injury that can result in damage to the goods

SOLUTION

Foldable and collapsible containers, nesting containers



Whether by truck or train - stable returnable plastic containers score points as an environmentally friendly substitute for carton-based transport packaging.

- You can choose between foldable, collapsible and nestable containers, increasing transport capacity
- High stacking safety is guaranteed during both transport within the company and external transport
- By saving up to 80% more space when handling empties, you can maximize the use of space during transport

These factors especially reveal their advantages during warehousing and transport:

- The dimensions of the easy-to-handle containers correspond to euro size
- To reduce volume, only a few, easy hand movements are required
- The heavy-duty space-saving containers are also designed for automated conveying systems



- + Lightweight, yet stable at the same time
- + The right container for any conveyed material
- + For lightweight and also large-volume products
- + Can be used manually and automatically

- + Environmentally friendly alternative to carton
- + Stackable in different heights
- + Save up to 80% more space in volume-reduced state
- + Great effect for manageable investments

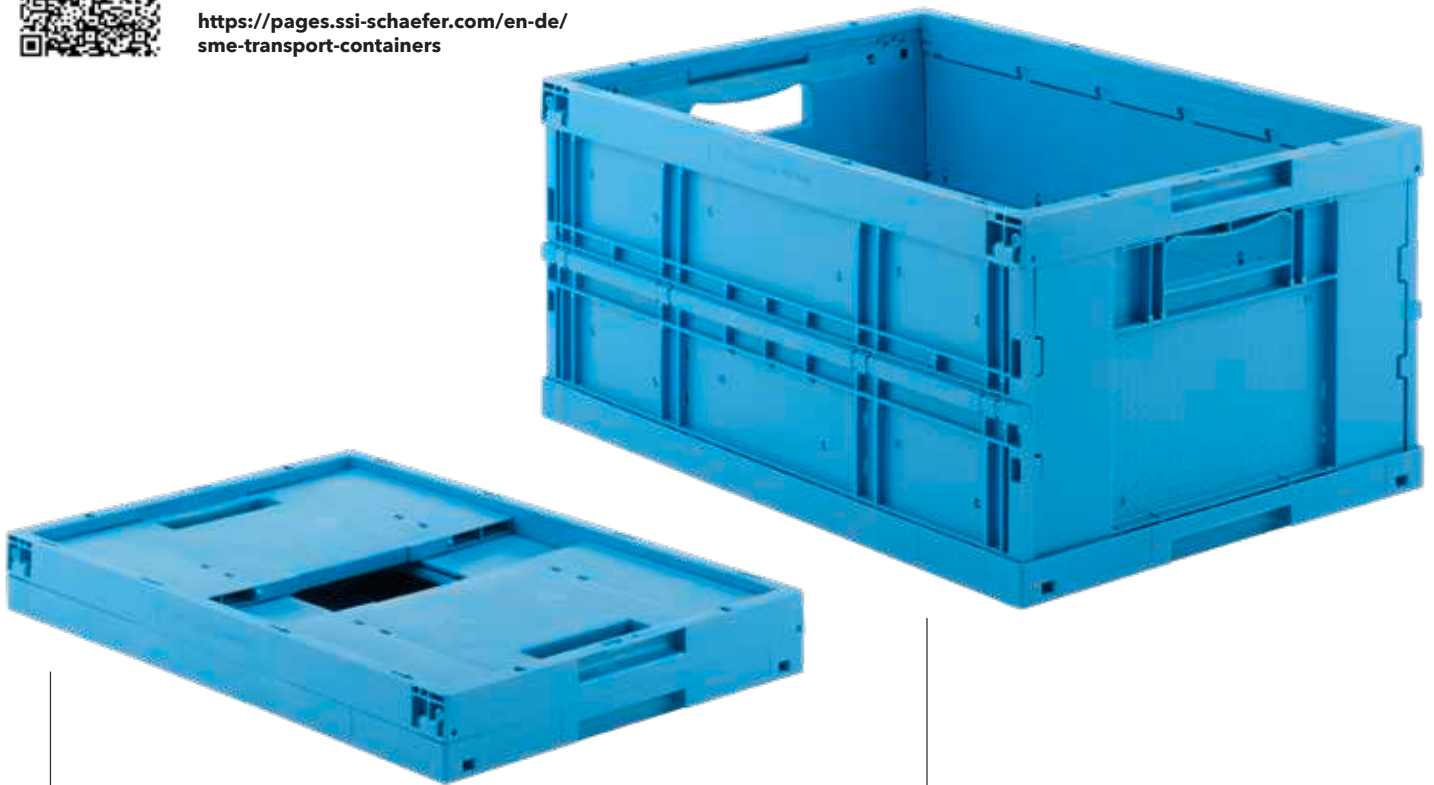
OUR CONTAINER SOLUTIONS

FOR YOUR TRANSPORT LOGISTICS



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-transport-containers>



ERGONOMICALLY MANAGE- ABLE TEAM PLAYER

With its intuitive folding and collapsing mechanism, the FK box is efficiently integrated into the existing logistics processes.

STABLE AND DESIGNED FOR DEMANDING SITUATIONS

Stiff, torsion-resistant frame, the FK series is impressive and available in numerous sizes and with lids.

PERFECT FOR THIS



Flow racks



Shelving racks



Conveying system



YOUR BENEFITS

- Simple folding and collapsing mechanism
- Loadable transport container for content loads of up to 50 kg
- Potential to save a large amount of space, up to 80% when returning empties, as compared to rigid containers
- Suitable for manual and automated handling
- Wide range of options and also available with lids
- The use of returnable containers reduces packaging waste such as carton

OPTIONS

We offer not only foldable and collapsible containers, but also nestable returnable plastic containers in various sizes. The torsion-resistant, conical KMB, EFB and FB series allow you to save up to 75% of the volume when empty by simply stacking the containers in each other. Bail arms or 180° turns ensure that the nesting containers can also be stacked at different heights – even with higher loads.



KMB series



Clever mechanisms for volume reduction make the handling of space-saving containers especially intuitive, allowing them to be ideally integrated into your existing processes.

Jens Schol
Sales Team Containers Plastic at SSI SCHAEFER

VISION: AUTOMATION

AUTOMATION CONTAINERS

TASK

Map growth – from manual to semi-automatic or fully automatic handling

As you continue to grow, it will be necessary to determine whether a manual warehouse solution can continue to meet customer expectations in the future.

- If you doubt that this is possible, then you have to ask yourself what can be done to sensibly transform a conventional warehouse into a (semi-) automated system.
- In this context, you are already at an advantage if you are using containers that are suitable for manual and automated handling.

This requirement profile is also relevant from a strategic point of view.

- That is because a replacement or exchange would double the costs and be in conflict with the objective of establishing increasingly sustainable warehouse management

SOLUTION

Automation containers, trays

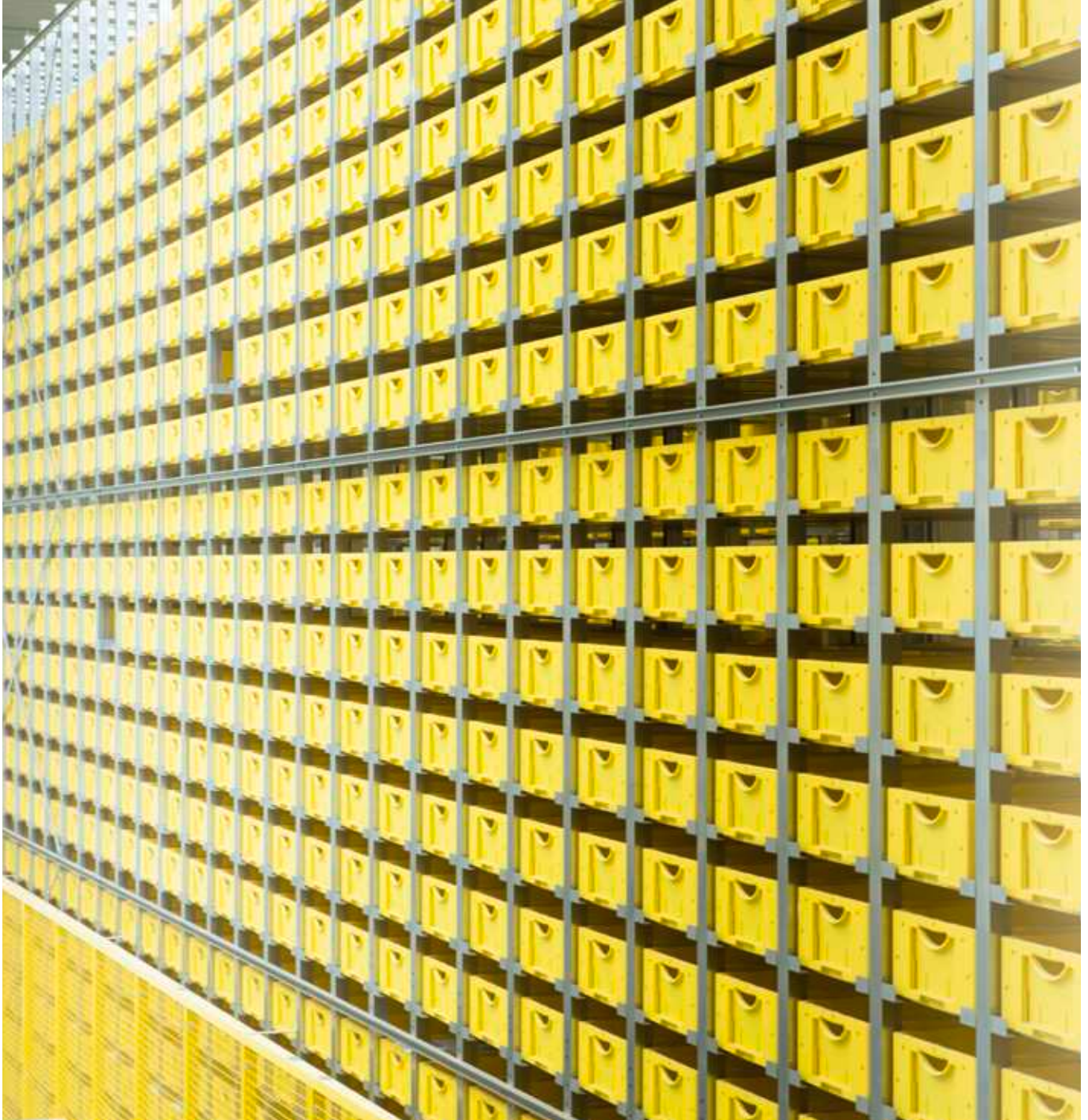


As a functional option, automation containers can be used universally and are designed for use on conveying sections or in automatic small parts warehouses.

- Automation containers are suitable for manual and fully automatic systems
- Designed for heavy loads
- Especially quiet to transport on conveying sections thanks to smooth floor
- Rugged floor properties ensure safety, also around curves
- Durable thanks to low wear due to smooth running surfaces
- Decrease in redundancy on load carrier level

Other core characteristics that automation containers fulfill:

- Low dead weight
- Heavy-duty design
- Maximum stacking safety



- + Suitable for both manual and automated applications
- + Can be reused after converting from manual handling to semi-automation
- + Designed for light to heavy content and loads
- + Variants also available with 2-part hinged lid
- + Stable stacking thanks to smart corner column design

OUR CONTAINER SOLUTIONS

FOR MANUAL, SEMI-AUTOMATED AND FULLY AUTOMATED HANDLING



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-euro-containers>

EVERYTHING INCLUDED

Upon request, the ELB is available with a 2-part hinged lid. The lid is attached directly to the container and can be opened or closed in one easy step.



DURABLE UNIVERSAL GENIUS

The lightweight euro ELB series has a stable design and is easy to handle thanks to its minimum weight and ergonomic hand holds.

PERFECT FOR THIS



Conveying system



Automatic small parts warehouses



WEASEL®



The ELB series gives you the opportunity to have a state-of-the-art returnable container. The ELB offers a wide range of benefits such as high performance, a good price and ergonomics while being an environmentally friendly option and ensuring excellent results. My tip: Smart investments pay off. Make a one-time investment in a universal returnable container suitable for your current application and that accounts for important essential criteria for medium-term or long-term process changes as well. For example, use of conveying systems, AGVs or semi-automated or fully automated systems. We will be happy to support you on your path to discovering the perfect container for your company.

Christine Jorzik
Global Director Containers Sales at SSI SCHAEFER

YOUR BENEFITS

- The most resource-saving returnable container
- Three floor variants to choose from for your load capacity and application
- Safety in all processes related to storage and transport
- Maximum safety in automated transport
- Easy to clean thanks to smooth interior walls
- Ergonomic handling with user-friendly handle design and low dead weight

OPTIONS

In addition to the lightweight euro container in the ELB series, we offer the LTB and LTF series, which have been especially developed for use in automated systems with medium to heavy-weight loads and offer numerous subdivision options. The LTF series is the perfect option for medium-heavy goods weighing up to 400 kg stacking load. The LTB series is suitable for stacking loads up to 600 kg. Another option consists of trays, which can handle loads carriers such as carton that are not suitable for automatic systems, ensuring a safe and efficient automatic operation.



LTB-T tray



Tray with tray boxes



VISION: INDIVIDUAL SOLUTIONS

COSTUMIZED PACKAGING AND SPECIAL CONTAINERS

TASK

Special solutions for storage and transport

Special requirements need special measures.

This also applies when choosing the right packaging and containers.

- Frequently, components or special products do not fit into a standard euro container because of their dimensions
- They are either too large or too small and may require specific protective measures to prevent external damage

The focus is increasingly on sustainability aspects when developing custom packaging solutions.

- The ability to return durable containers helps you to reduce overall waste and thus make an important contribution to the environment
- At the same time, you can also save costs on disposable packaging

SOLUTION

Customized packaging, special plastic solutions, special steel solutions



We are happy to assist you in the development of your custom packaging needs for your specific contours by offering solutions that protect your product all around during the entire logistics process.

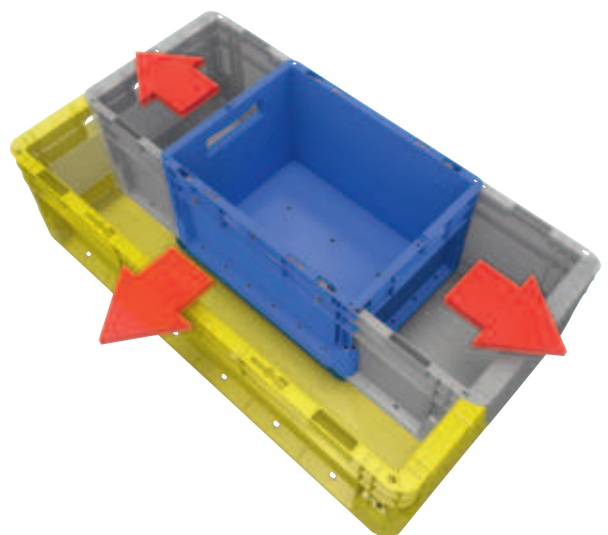
- Custom production of containers in the desired size and with the required properties
- Consulting, development and manufacturing from a single source
- Diverse options guaranteed: Thermoforming, injection molding, cut & weld, ready-made inserts, dangerous goods containers and much more

It makes no difference whether you offer large-volume goods, smaller goods, or even sensitive goods.

- Manufacturing of special containers and customized inserts for storage, picking and transport
- Both containers manufactured in the cut & weld process and individual inserts can be used in manual and automated processes alike



- + Customized plastic or steel containers
- + Load carriers with thermoformed inserts
- + One-piece workpiece carriers produced in plastic injection molding process
- + Stable, stackable and durable
- + Professional product protection
- + Need-based material design (e.g. PS, ABS, PE)
- + ESD designs possible



OUR CONTAINER SOLUTIONS

FOR INDIVIDUAL PACKAGING REQUESTS



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-customized-packaging>

THERMOFORMED LOAD CARRIERS

The outer container can be reused when changing components. Only the thermoformed insert is recycled. ESD designs are also possible.



MOLDED

The precisely fitting container is manufactured in "one piece" using the plastic injection molding process. Vertical walls with ribbing ensure high stability.

YOUR BENEFITS

- Products are protected against external impacts during transport and storage
- Customized packaging solutions that account for the tightest manufacturing tolerances
- Consulting, development and production from a single source
- Waste reduction due to returnability
- Reduction of costs for disposable packaging
- Suitable for manual and automated handling
- Stackable and nestable designs

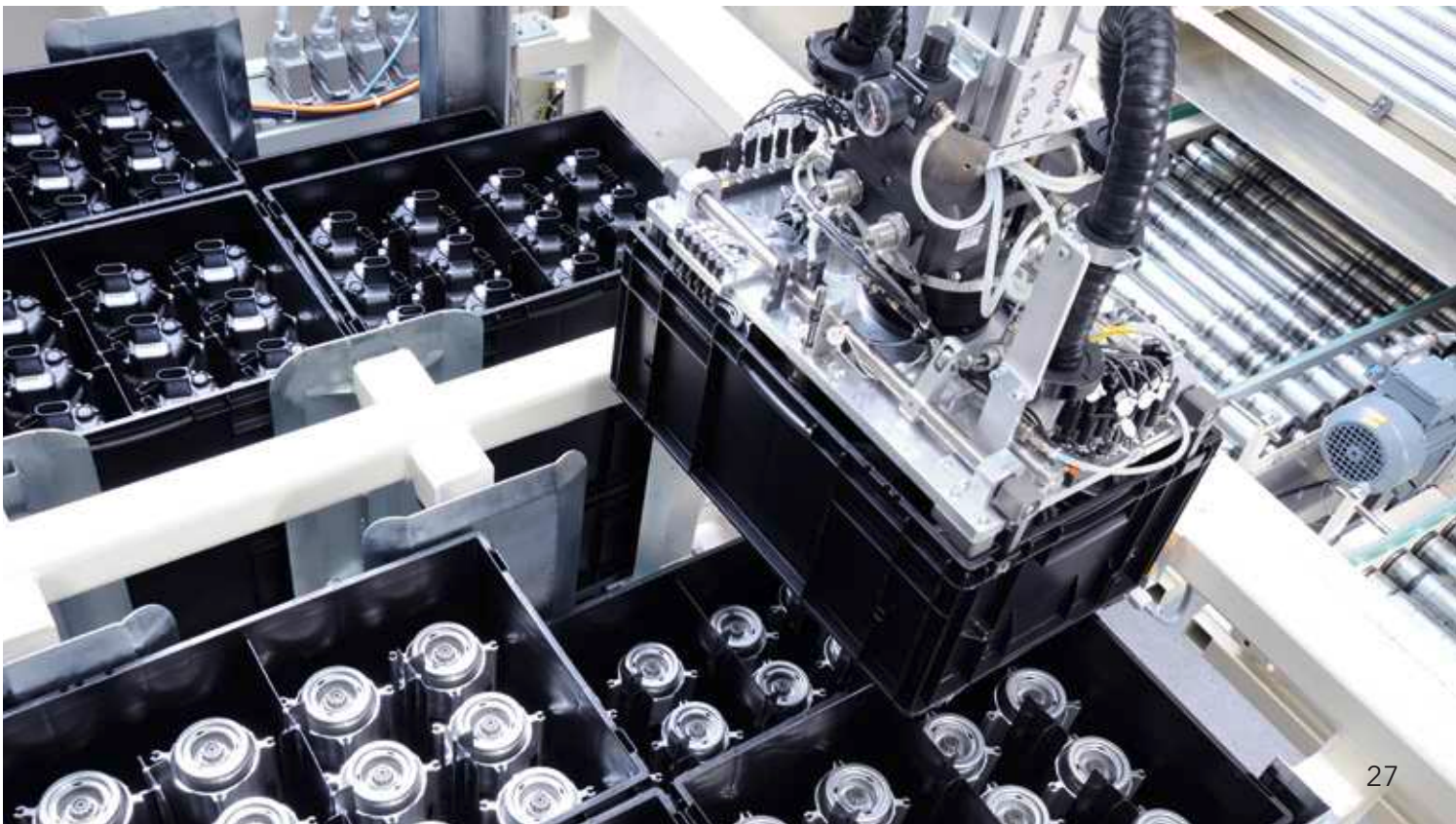
OPTIONS

A lot of our expertise and creativity is invested in each innovative container solution we develop. Ready-made, injection-molded inserts and other items are available for differently shaped items, which only need to be centered and not fixed. In the cut & weld process, depending on the required special size, segments can be cut out of SSI SCHAEFER basic containers, or several boxes can be joined together by mirror welding to form a new unit. The range of products also includes containers for dangerous goods, which feature a sturdy design and innovative closure mechanism with a removable lid.



From consulting and development to production, we offer everything from a single source, ensuring that your solution is perfectly tailored to your requirements.

Thomas Jettkant
Sales Manager Customized Packaging at SSI SCHAEFER



VISION: SAVING TIME AND GROWING

INTELLIGENT SMALL PARTS STORAGE

TASK

Increase handling capacity, flexibility for future extensions

Your turnover performance is just not up to the task.

Your business is growing. But picking small parts takes too much time because it is typically just not clear where the goods are stored. The lack of clarity also prevents the order from being processed in a timely fashion.

It is difficult to foresee how fast your company will continue to grow and how the portfolio will change in the future.

Oftentimes, it is hard to adapt existing logistics structures to the new products added to the product line. They do not reach the desired storage density and take up too much space. Another concern is that reorganization might be complicated and time-consuming, which could limit capacity and tie up resources. As a result, you can only devote limited time to your actual business. At the same time, logistics costs reduce your margins, a circumstance that is associated with great uncertainty in the long term.

SOLUTION

Modular shelving systems



Booster for your business: Save time by increasing turnover performance

- Simultaneous picking on multiple levels
- Easy change between multiple levels
- Clarity thanks to simple labeling options

Flexible growth due to scalable and individually expandable warehouse solutions

- Shelving systems offer quite a few options to save time and space very quickly
- Exceptional price/performance ratio
- Can be adjusted and customized to meet your requirements
- High storage density thanks to small height adjustability pattern
- Modular principle with an extensive choice of accessories
- Boltless system for quick assembly and conversion
- Ideal for the stocking of bins, cartons, as well as goods with small and medium-sized volumes



- + The system grows with the tasks
- + Space-saving storage of numerous product worlds
- + Variably adjustable static shelving systems
- + Simultaneous picking on multiple floors
- + Secure identification with labeling options
- + Subsequent expandability and adaptability
- + Euro size modularity

OUR SHELVING SOLUTIONS

FOR YOUR SMALL PARTS STORAGE



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-small-parts-store>

MAXIMUM VARIABILITY

Uprights lugged at 53 mm pitch and capable of handling loads up to 3,500 kg per bay.



PERFECTLY ORGANIZED

With semi-open front storage containers, you can further increase storage density and always have direct access to the goods.

PERFECT FOR THIS



Open fronted boxes



Shelf bins



Having SSI SCHAEFER as a partner has provided us with the ideal solution for our planned distribution center, and we were able to implement it within the scheduled timeframe.

Tobias Eberhardt, Head of Logistics
Stefan Ruettimann, Project Manager Contract Logistics/SCM,
DB Schenker

YOUR BENEFITS

- Save time and space for sustainable growth
- Durability thanks to highest quality standards
- Quickly installed and immediately usable
- Growing, scalable warehouse solution
- Accessories can be individually combined
- Ready for internationalization: Euro size modularity
- Multi-level shelving systems can also be retrofitted

OPTIONS

Modular shelving systems from SSI SCHAEFER can be used as material-supply or long-span racks and can also be designed as multi-level shelving. An extensive range of returnable containers is available as an option. You can combine your shelving systems with other product groups, such as conveying systems, vertical lift modules or automated guided vehicles, in order to shorten distances and further increase picking performance.

VISION: CONSISTENTLY PURSUING FUTURE PROSPECTS

SPACE-SAVING STORAGE OF PALLETIZED GOODS

TASK

Storage and handling of varying goods and quantities on euro pallets

More process reliability and clarity in the warehouse

Unstructured material flow has a negative impact on performance.

If there are no racks to store palletized goods, companies must rely on block storage on the warehouse floor. Pallets are set down anywhere there is space. Correspondingly, the search effort when processing an order is high. Your staff might make mistakes, delaying overall order processing.

The volume is also difficult to calculate. This makes it all the more important to have a scalable warehouse solution that can adapt to growing requirements.

To secure and further expand your attained market position, you have defined the objective to restructure the logistics processes and make full use of the height in existing halls. At the same time, you plan to make room to process emerging new business models that go hand in hand with changes in the warehousing structures.

SOLUTION

Scalable pallet rack systems



Save space with a flexible pallet racking system

- Pallet racks for storing large quantities of palletized, generally similar items as well as a large number of containers with different dimensions and weights
- Clarity thanks to well-organized labeling
- Easy access with ground conveyors or storage retrieval machines

Systematically equipped for future expansion

Rack systems for large load carriers or static storage of pallets and mesh boxes are especially advantageous if they are primarily moved for loading, unloading and relocation. They increase the storage capacity in the vertical direction, freeing up space for other production tasks.

- Sizes are tailored precisely to your requirements profile
- Maximum safety standard
- No material fatigue despite permanent load
- A variety of accessories



- ✚ Solid and sturdy design
- ✚ Durability thanks to highest quality standards
- ✚ Quick assembly during installation and modification
- ✚ Extensive range of accessories such as floor gratings, impact protection, rear wall paneling and support beams
- ✚ Safety thanks to tested and certified rack systems
- ✚ Automation possible with automated guided vehicles

OUR RACK SOLUTIONS

FOR YOUR STORAGE OF LARGE LOAD CARRIERS



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-pallet-rack-systems>



EXACT DIMENSIONAL ACCURACY

Pallet racks either for single or double-deep storage - stable due to custom shape, while lightweight and extremely cost efficient at the same time.

DESIGNED TO HANDLE HEAVY LOADS

Loads of up to 30 tons are no problem for the frames of our modularly designed pallet racks. The maximum load-bearing capacity of the cross-members is 4.5 tons.

PERFECT FOR THIS



Bins in euro dimensions



Mesh box



YOUR BENEFITS

- Adapts to space requirements
- Maximum storage capacity with minimum footprint
- Durability thanks to highest quality standards
- System solution that can be expanded at any time
- Can be used in warehouses with narrow or wide aisles
- Spare parts are readily available in the event of damage
- Training programs for safely handling the system

OPTIONS

The pallet storage systems from SSI SCHAEFER are suitable for a wide range of applications. They are available in longitudinal or cross beam versions, perfect for narrow-aisle and wide-aisle warehousing. They can be used as the supporting structure of a platform system.

You will also find suitable containers and have the option to combine your pallet rack with other product groups, such as conveying systems, vertical lift modules or automated guided vehicles.



On the logistical level, in view of the continuous growth, it is important that the package as a whole is right, that all components interlock ideally and that flexibility is always maintained. This is where SSI SCHAEFER has been tirelessly providing valuable support for more than two decades.

Ulf Timmermann
CEO at reichelt elektronik

VISION: SUCCESSIVE SEMI-AUTOMATION

TAILORED AUTOMATION

TASK

Increase picking performance, improve overall performance and create storage space without making structural changes

Your company shows a highly dynamic development.

The rising share of online business is one of the contributing factors. The growing volumes are not the only thing that needs to be overcome. At the same time, the increased demands of your customers require a higher degree of delivery quality and adherence to delivery schedules.

By no means must automation be a limiting factor.

Is your previous strategy of stocking small parts, e.g. in shelving systems, and picking them manually now failing to meet these challenges? Your staff is under an increased amount of strain due to the long walking distances. At the same time, use of the hall space has been fully exhausted. So the question arises as to what degree partially automated processes can be used to reduce cycle times without sacrificing staff and the flexibility you are looking for.

SOLUTION

Individual semi-automation, vertical lift modules, mobile racks, automated guided vehicles



Goods-to-person: Semi-automated warehousing and order picking solutions

- SSI LOGIMAT® vertical lift module - Warehouse and picking application in one system
- Mobile racks for pallets and long goods as well as small load carriers
- WEASEL® - The automated guided vehicle (AGV) system, offering collegial support to your staff by relieving them of the need to walk long distances

Flexibly positioned at all times, even with automated system components

Scalable warehouse solutions designed for increased dynamics make a decisive contribution to relieving your staff of unproductive activities and increasing the quality in the processes. Both the mobile rack systems from SSI SCHAEFER and the SSI LOGIMAT® vertical lift module are designed to take up less space compared to static applications, while significantly increasing warehouse capacity at the same time. Work steps and travel time can be reduced with WEASEL®. In contrast to a conveying system, the transport system is quick and easy to install. All you have to do is attach guide strips to the floor and off you go!



- +

The SSI LOGIMAT® vertical lift module - Compact storage and picking machine with heights up to 24 m, requiring up to 90% less storage space than static solutions.
- +

Mobile racks for pallets and small load carriers - around 85% higher capacity on the same floor area.
- +

WEASEL® - The AGV masters almost all transport tasks up to 35 kg without barriers and can be easily integrated into existing processes.
- +

At the same time, the AGV can be used in combination with a pallet mobile racking system so that it picks up goods and automatically feeds them to the respective destination.
- +

The goods-to-person principle eliminates search processes, shortens walking distances, minimizes error rates and increases the efficiency of your warehouse logistics.

OUR DYNAMIC SOLUTIONS

MORE PERFORMANCE IN LESS SPACE THANKS TO SEMI-AUTOMATION



You can access product videos and find additional information and our helpful contact persons on our website:

<https://pages.ssi-schaefer.com/en-de/sme-storage-lift>

WAREHOUSE TOWER WITH LIFT FUNCTION

SSI LOGIMAT® enables you to use halls up to a height of 24 m for the storage and provision of (very) small parts.

RELIABLE FUNCTIONS AND USER-FRIENDLY

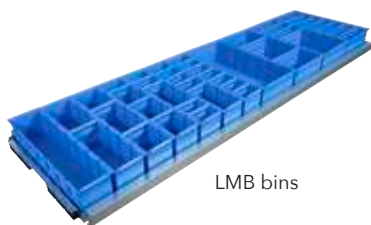
It is operated via an ergonomic touch screen and a self-explanatory graphic user interface.

EFFICIENCY AND ERGONOMICS IN HARMONY

The operating opening is located at the front of the vertical lift module, allowing goods to be easily retrieved and stored.



PERFECT FOR THIS



LMB bins



SOFTWARE

Our WAMAS® LOGIMAT logistics software developed in-house will allow you to benefit from the potential of digitalization and create transparent processes throughout. The software optimally complements the functionalities of a vertical lift module with modern management of items, order picking and order handling. Other advantages include

inventory reliability and traceability, ensuring continuous process reliability and simplified inventory management. The control of several vertical lift modules in a network can also be realized, as can seamless integration into ERP or WMS systems.

Basic functions of the WAMAS® LOGIMAT logistics software:

- Article management
- Order processing
- Lot management
- Implementation of storage strategies (among others, according to FIFO and LIFO)
- Intelligent picking control
- Fully integrated and certified SAP solution available for the SSI LOGIMAT®.



SSI SCHAEFER offered us a complete solution that fully met our requirements. SSI LOGIMAT® is a solid product with that integrates state-of-the-art technology, and we were very impressed with the solution offered to integrate it into our SAP environment.

Roland Habermann, Head of Order Logistics, SAL, OEM
Purchasing at Müller Martini Druckverarbeitungs-Systeme AG

YOUR BENEFITS

- Scalability and easy connection
- Space-saving design without structural extensions
- Significant increase in picking performance through semi-automation and goods-to-person principle
- Security and employee satisfaction thanks to ergonomics
- Reduction in search and travel times
- Avoidance of shortages and inventory differences
- Protection of sensitive goods and improved occupational safety
- Quickly understand the big picture and transparency thanks to digitalization

OPTIONS

You can achieve the highest storage density with SSI LOGIMAT® by using LMB bins, which are available exclusively from SSI SCHAEFER and make optimum use of the space on the trays. In addition to the high degree of space utilization, you gain advantages by integrating the vertical lift module into an existing static rack system. In this combination, the lift module connects the different levels of the rack system via its operating openings. The picking quality is improved, and the material flow accelerates. These benefits are also achieved with the interaction of a rack system with the WEASEL® automated guided vehicles, which reliably perform the tasks assigned to them.

EVERYTHING IS BALANCED

SCALABLE SOLUTIONS FOR GROWING DEMANDS



PERFECT INTERPLAY MAKES ALL THE DIFFERENCE.

The smart logistics solutions from SSI SCHAEFER are designed so that all components interact smoothly and synchronously - for better performance and efficiency in your intralogistics.

When developing your customized application, we make beneficial use of both our manufacturing expertise and the experience we have gained in numerous projects for large as well as small and medium-sized companies. Whether small or large - we look after and support our customers through every stage of their growth. In doing so, we focus exclusively on the actual demand - from manual to semi-automatic to fully automatic. This is how we solve your particular challenges long-term.



YOUR PARTNER FOR IMPLEMENTING YOUR VISION





YOUR CHALLENGES, OUR DRIVE.

Small and medium-sized businesses in particular are extremely successful in demonstrating how clever ideas, creativity and innovation can secure market share and create jobs. We at SSI SCHAEFER have gone down this path as well and have grown solidly over more than eight decades. We have always maintained our status as a family business with pragmatic structures and short coordination paths. At the same time, from our own experience we have learned about those special challenges that a sustained expansion comes with. That is why we work with dedication and commitment to implement highly efficient intralogistics solutions, the performance of which can be successively adapted to growing business volumes and increasing customer requirements. In direct cooperation, we would like to share our knowledge with you and build up a long-term sustainable partnership based on trust.

We look forward to working with you and will do everything in our power to help you achieve an even more promising future.

Michael Wegner
Head of Sales PE Germany

SSI SCHAEFER - Solving your challenges since 1936. Nationally and internationally. With innovative and scalable intralogistics solutions.



WHERE WE COME FROM

A PARTNER THAT TREATS YOU AS AN EQUAL.

SSI SCHAEFER is a family business that has developed steadily over decades. The knowledge of our roots shapes us to this day and is at the same time motivation to use our experience to benefit

small and medium-sized companies, each of which has embarked on their own growth path. We strive to support you on your journey along this path by providing sustainable logistics solutions that are precisely tailored to your needs!

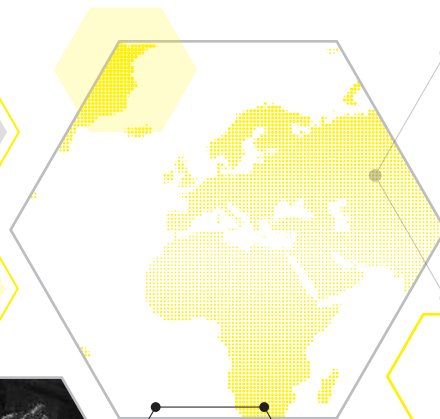
Expansion and internationalization – the first foreign companies are established

Fritz Schfer founded his family business for the "industrial production of sheet metal goods"

1937



1958



1953

The revolutionary Lager-Fix container is developed

Today

Made in Germany and in the EU - New production facility in Hranice (Czech Republic)

SSI SCHAEFER has locations around the world and is a reliable partner and solution provider for all requirements related to the manual, semi-automated and fully automated intralogistics - including IT and customer service & support



1996



2008

Even more IQ for intralogistics - The software expert Salomon Automation becomes part of SSI SCHAEFER

2002

Systematic diversification - The companies Noell and Peem add automation solutions to the range of services and combine them under the umbrella brand SSI SCHAEFER

1972

Evolution of a classic - Market launch of the container for conveying systems



NEARBY. AROUND THE WORLD.

EUROPE

Germany* · Belgium · Denmark · Finland · France ·
Great Britain · Italy · Latvia · Netherlands · Norway ·
Austria* · Poland · Romania · Russia · Sweden · Switzerland ·
Slovakia · Slovenia · Spain · Czech Republic* · Turkey ·
Ukraine · Hungary

NORTH AMERICA

USA* · Canada · Mexico*

LATIN AMERICA

Argentina · Brazil ·
Chile · Columbia · Peru

AFRICA

South Africa

MIDDLE EAST

United Arab
Emirates · Saudi Arabia

* Production facilities

As a family-owned business steeped in tradition and with a worldwide presence, SSI SCHAEFER strives to provide reliable support at all times, both locally and globally. The growth over the past few years has allowed us to establish more than 70 locations and seven production facilities worldwide. This proximity to our customers is a prerequisite for rapid response times, short communication channels and partnering with our customers as equals, even across cultural boundaries.

Another aspect is that SSI SCHAEFER has developed expertise in a wide range of market sectors over the years. No two industries are the same, and each has its own unique challenges to overcome. You profit directly from this wealth of experience. In addition, as a manufacturing service provider, we can offer customized warehouse and logistics systems, including software and services, from a single source. As the majority of the components used in our warehouse solutions come from our own production, SSI SCHAEFER can also guarantee their quality and act independently of external suppliers.

Our motto has always revolved and will continue to revolve around implementing customized intralogistics solutions for you, our customers, that are precisely tailored to your requirements, facilitate your core business and noticeably increase the efficiency of your processes. It makes no difference whether you are a start-up, an aspiring small business or an established medium-sized company. Our primary objective is to facilitate a long-term customer relationship that thrives on continuous exchange and mutual trust.

ASIA

Singapore · China ·
Hong Kong · India ·
Indonesia · Malaysia* ·
Philippines · South Korea ·
Thailand · Taiwan ·
Vietnam

AUSTRALIA

CUSTOMER RELATIONSHIP FAMILY-OWNED BUSINESS TRUST FURTHER WAREHOUSE SOLUTIONS DEVELOPMENT LONG-TERM TRADITION WEALTH OF EXPERIENCE



7 production facilities



more than 10,500 employees



6 continents



more than 70 branches



NEW IDEAS FOR SOFTWARE SOLUTIONS

INTEGRATED PLANNING, CONTROLLING, CHECKING AND COMMUNICATING.

When inventory is no longer 100% in view and stocktaking becomes a burden, it is worth considering investing in a modular and scalable logistics software solution.

WAMAS®

Our WAMAS® logistics software developed in-house is perfectly tailored to the requirements of small and medium-sized companies. The highly standardized warehouse management system is scalable and releasable, with the capability to map new technologies and processes optimally without compromises.

WAMAS® acts as a link between goods-in, storage, picking and delivery and supports you with the help of visualizations and analyses so you always have a good understanding of the big picture and can efficiently control your warehouse operations from A to Z.

Efficiency and quality start at goods-in. A controlled goods-in ensures high-quality handling of the goods in the warehouse until outbound delivery. In the area of warehousing, the focus is on administrative transparency. So that storage locations are optimally allocated and route optimization brings more efficiency. Customized picking strategies ensure that the goods are ready for delivery on time.

SAP - EXTENDED WAREHOUSE MANAGEMENT (EWM)

As a certified SAP Silver Partner, we can support you in selecting, introducing and running SAP products. Depending on your logistics concept, we offer you various solutions to implement your wishes and make the project a success. We rely on the proven SAP solution SAP Extended Warehouse Management (EWM). Upon request, we can completely implement the SAP solution, from the delivery of licenses and initial system configuration through end-to-end customization to the development of individual add-ons and the creation of all the system interfaces.

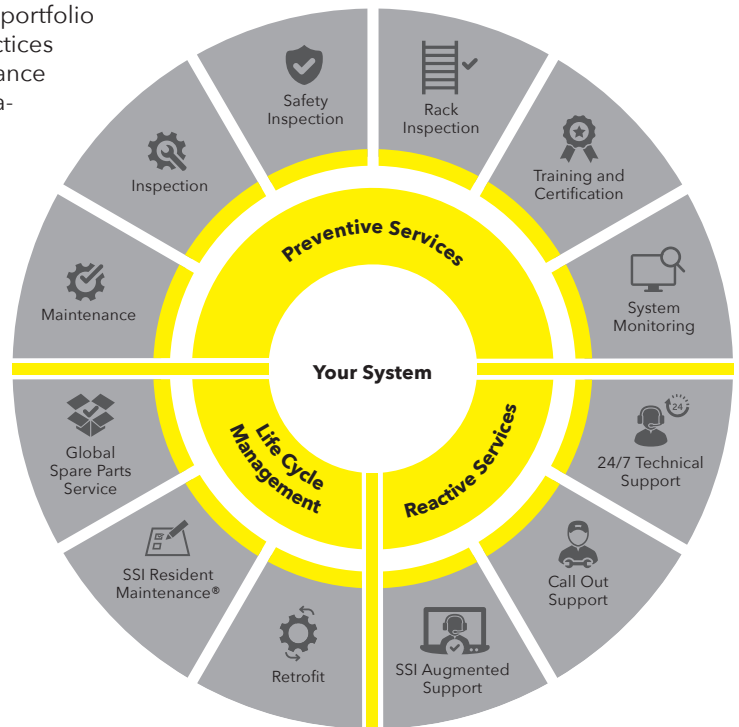


ALWAYS THERE WHEN YOU NEED US

To quickly resolve problems in your warehouse logistics, our Customer Services business unit (BU CS) offers you a comprehensive service portfolio that you can access 24/7. Highly qualified employees, best practices and state-of-the-art technologies ensure a sustainable maintenance management that has only one goal: to keep your system availability at the highest level.

Taking into account your real needs, you can choose between different service packages - from reactive service to preventive services and life cycle management:

- Reactive services: Maintenance, inspections and safety checks by qualified technicians including training of your staff on the correct handling of your system.
- Preventive services: Premium package with all-around service thanks to our on-site technicians.
- Life cycle management: Regardless of whether it's a one-time problem or a major disruption - we have 70 locations worldwide to guarantee the prompt, reliable resolution of problems.



YOUR BENEFITS

- Constant security for your investment
- Flexible service contracts with 24/7 support
- Guaranteed response times if service become necessary
- Competent support on site, locally and globally
- Maximum system availability





WHAT'S ON YOUR AGENDA?

SUCCESSFULLY SHAPING THE FUTURE TOGETHER.

The values of being down-to-earth, having an innovative spirit and pursuing a long-term orientation have always been deeply anchored in the DNA of SSI SCHAEFER.

As your partner, we want to accompany you in your growth and provide you with helpful support in overcoming the challenges that arise along the way. You will benefit from our history as a small company that then expanded, and this history enables us to put ourselves in your shoes. This makes it possible to further develop ideas and jointly transform them into long-term efficient and at the same time investment-safe solutions that you can use to respond flexibly to increasing market demands at any time and to implement new business models within the shortest possible time.

YOUR VISION IS OUR NEXT PROJECT

IDEAS BECOME GOALS. GOALS BECOME SOLUTIONS.

Let us tackle your challenges together and create a solid foundation on which you can act more economically and efficiently over the long term and lead your company into a successful future.

SSI SCHAEFER

YOUR SSI SCHAEFER EXPERTS

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MAKE AN APPOINTMENT NOW!

<https://pages.ssi-schaefer.com/en-de/sme-contact>





SIX REASONS WHY YOU SHOULD CHOOSE SSI SCHAEFER

- **Safety**

As a financially independent, family-owned business, SSI SCHAEFER thinks long-term – and you can rest assured that our team of experts is not only there for you today but will be there tomorrow and the next day.

- **Efficiency**

SSI SCHAEFER solutions are scalable and can grow with your requirements. They can be retrofitted and upgraded at any time.

- **Quality**

As a system specialist with its own in-house production capabilities, SSI SCHAEFER supplies tailor-made and high-quality solutions from one source customized to address your specific challenges.

- **Reliability**

With our own global Customer Service & Support, SSI SCHAEFER guarantees that your system will run smoothly during installation and for years to come.

- **Know-how**

Solutions offered by SSI SCHAEFER always comply with the latest state-of-the-art technology and can be integrated into your existing (IT) landscape seamlessly.

- **Internationality**

As a global company, SSI SCHAEFER has local branch locations worldwide. With around 70 operating companies around the globe, our team of experts speaks your language.

[ssi-schaefer.com](https://www.ssi-schaefer.com)

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