



PACKAGING

PACKAGING LOGISTICS IS,
WHEN THE PACKAGING PROCESS IS
HOLISTICALLY THOUGHT THROUGH.

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1874 Founded as a tannery

1959 Storopack Hans Reichenecker GmbH + Co. is founded; Production of technical molded parts made from Styropor®

As of: 2023

72 locations

603 million Euros in revenue

2,300 employees



PERFECT PROTECTION MEANS BEING EQUIPPED FOR ANY SITUATION.

Storopack is a specialist in protective packaging. Our promise is to provide “Perfect Protective Packaging” to optimally protect every product while in transit. We think holistically, advising our customers on how to make the packaging process more efficient and, if desired, integrating tailored solutions. Our comprehensive range covers all of the requirements associated with optimal product protection. With 2,300 employees at certified production facilities and locations in 18 countries, we maintain a decentralized structure and are always in direct vicinity to our customers.

OUR STRENGTHS – YOUR ADVANTAGE:


- ▶ OWNER-MANAGED FAMILY COMPANY
- ▶ LOCAL CONTACTS
- ▶ INTERNATIONAL FOCUS
- ▶ RELIABILITY
- ▶ SERVICE AND CUSTOMIZED ADVICE
- ▶ HIGH PRODUCT DIVERSITY
- ▶ CONTINUOUS IMPROVEMENT OF PACKAGING PROCESSES
- ▶ PROCESS OPTIMIZATION
- ▶ COMPLETE SOLUTIONS ALL FROM A SINGLE SOURCE
- ▶ TURN-KEY SOLUTIONS WITH AUTOMATION PROCESSES

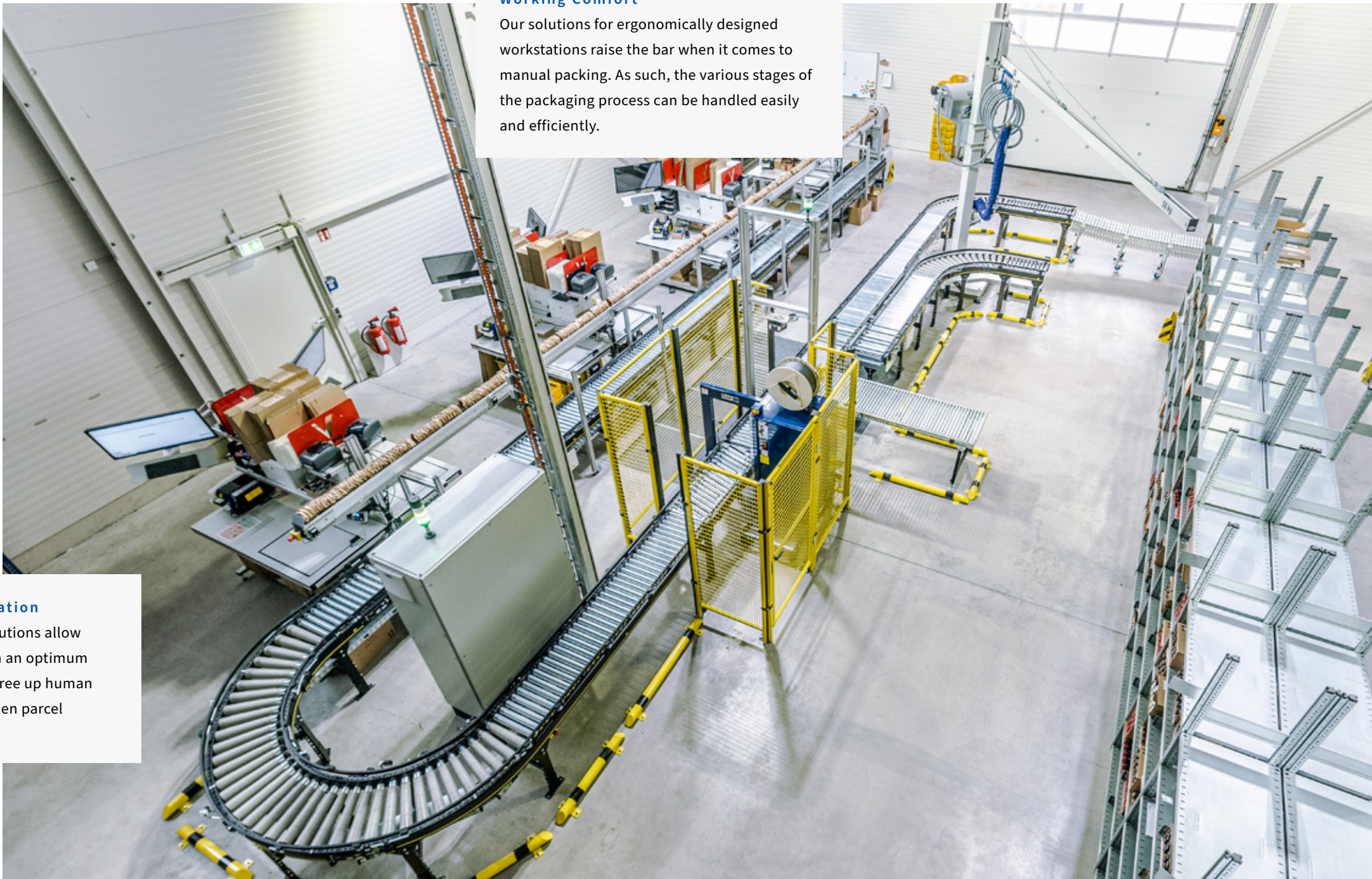
▶ **Storopack image film:** www.storopack.com/perfect-protective-packaging

PACKAGING LOGISTICS IS A MEASURURABLE BENEFIT FOR YOUR PACKAGING PROCESS.

Whether you are seeking to expand, modernize, or fully overhaul your existing packing area, Storopack is on hand with help and support. Based on your requirements, we will work with you to develop a tailored solution for maximum efficiency in your packaging process, from delivery of the picked goods through to the palletization of the shipping-ready cartons. You can choose between optimizing individual packing functions or the entire process, thereby taking the productivity of your packaging operations to a new level with Storopack.

We will review which solution offers the greatest productivity boost for each step of your process, taking into account your existing components and/or integrated modules from our portfolio.

 [Packaging Logistics Video:](https://www.storopack.com/packaging-logistics-video)
www.storopack.com/packaging-logistics-video



Working Comfort®
Our solutions for ergonomically designed workstations raise the bar when it comes to manual packing. As such, the various stages of the packaging process can be handled easily and efficiently.

Working Automation
Our automated solutions allow you to benefit from an optimum material flow and free up human resources, even when parcel volumes are high.

OUR SERVICES

ERECTING

INSERTING

PROTECTING

CLOSING

LABELLING

PALLETIZING



CONSULTING AND SERVICE

SERVICE MEANS
FOCUSING ON CUSTOMERS'
REQUIREMENTS.

GOOD CONSULTING MEANS DEVELOPING
TAILORED SOLUTIONS.

05 SERVICE

Our expertise is not limited to on-site service and customized advice from our packaging specialists. We are also continuously informing our customers of new technologies, materials, and processes and advise them when adapting their existing packaging processes. Multilevel servicing and maintenance packages, extending all the way to further development of the supplied solutions to reflect changing circumstances, round off our service portfolio.

04 DELIVERY

Our products and solutions reach the right place at the right time, thanks to the global network of Storopack production facilities, suitable modes of transportation, and just-in-time deliveries carried out by our own fleet of 60 trucks for Germany and nearby countries. Deliveries meet the countryspecific requirements of our customers, with our internal logistics services also available to external customers. We will install your new packaging solution on-site, put it into operation, and train users.

03 PRODUCTION

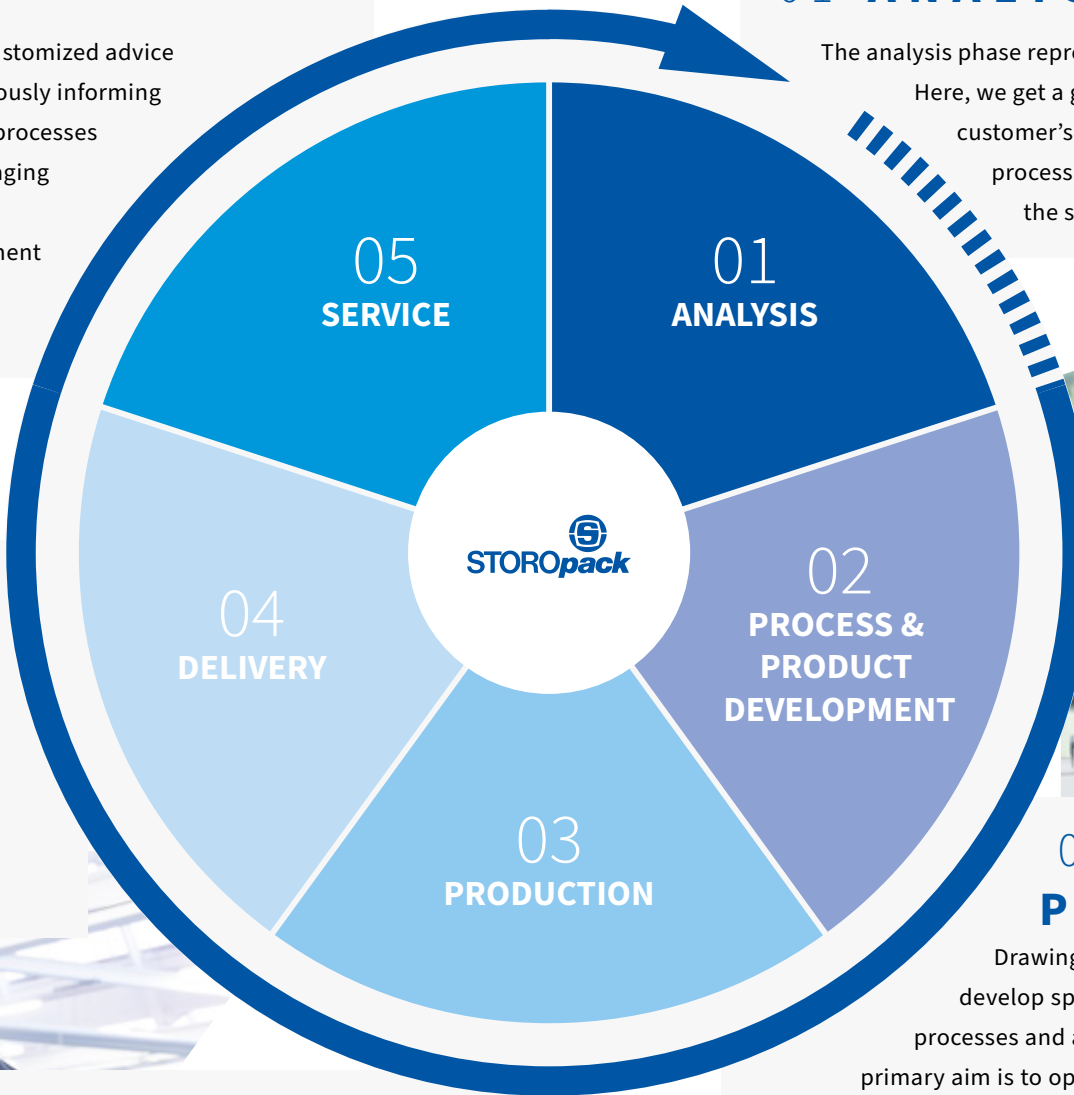
Once the solutions have been developed, we produce them at our own plants in Metzingen, Cincinnati, and Northeim in line with continuously monitored quality criteria. This helps to ensure the outstanding quality of the solution and means that the products and machinery can be optimally incorporated within your packaging process.

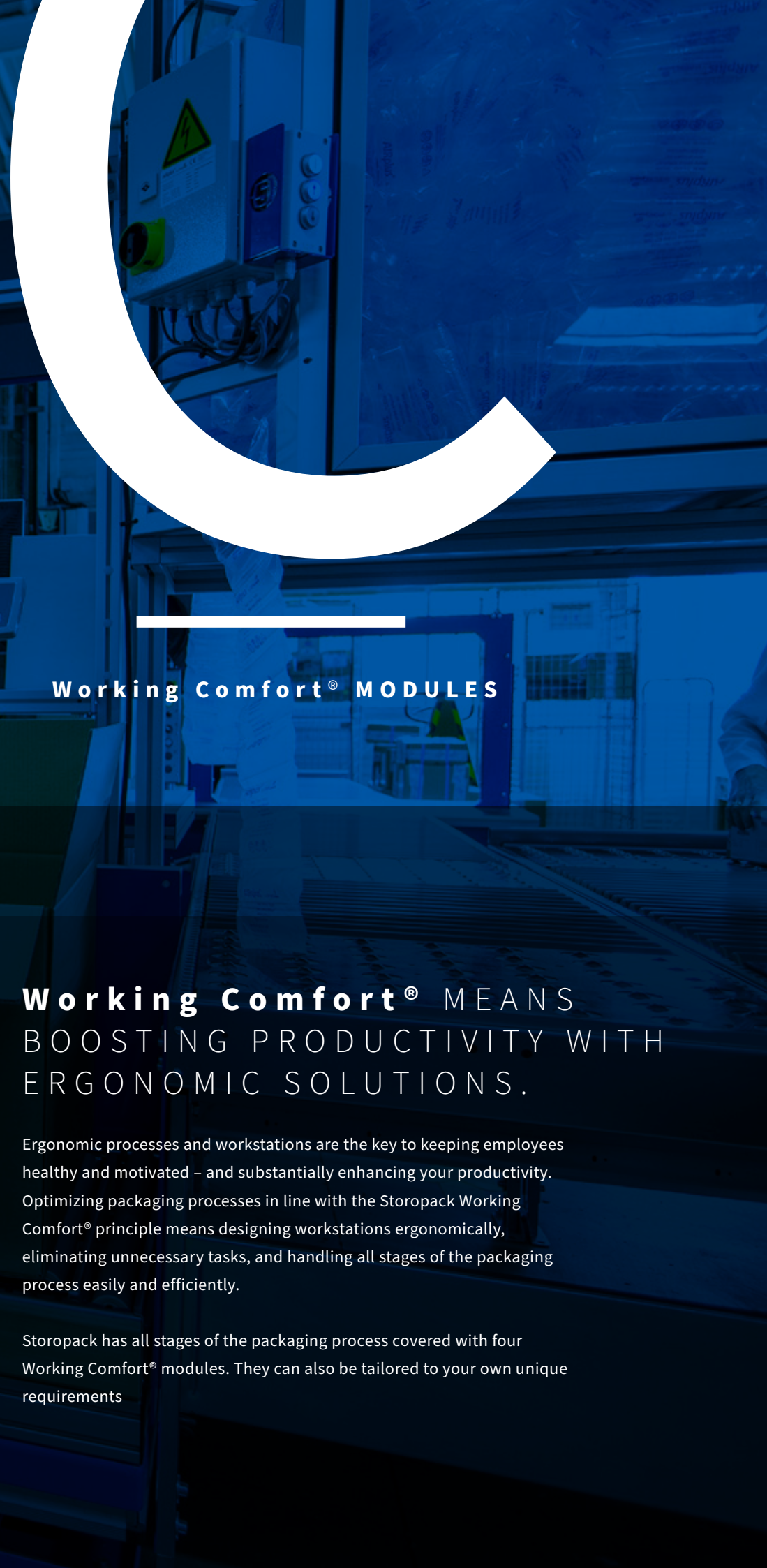
01 ANALYSIS

The analysis phase represents a key starting point in our holistic Storopack process. Here, we get a grasp on the current situation on-site and consider the customer's objectives and challenges, focusing on the holistic packaging process: from collection of the picked goods through to palletization of the shipping-ready cartons.

02 PROCESS AND
PRODUCT DEVELOPMENT

Drawing on the insights gained during the analysis process, we develop specific measures with a view to optimizing the packaging processes and achieving a measurable increase in productivity. The primary aim is to optimize overall costs for our customers. On the basis of the optimized packaging process, we develop an overall solution that is tailored to the customer's requirements and circumstances. To this end, we utilize modules from our Working Comfort® and Working Automation modules, incorporate further systems if necessary, and provide everything from a single source.





Working Comfort® MODULES

Working Comfort® MEANS
BOOSTING PRODUCTIVITY WITH
ERGONOMIC SOLUTIONS.

Ergonomic processes and workstations are the key to keeping employees healthy and motivated – and substantially enhancing your productivity. Optimizing packaging processes in line with the Storopack Working Comfort® principle means designing workstations ergonomically, eliminating unnecessary tasks, and handling all stages of the packaging process easily and efficiently.

Storopack has all stages of the packaging process covered with four Working Comfort® modules. They can also be tailored to your own unique requirements

COMFORT.ERECT - CARTON ERECTION MADE EASY

Storopack is able to help from the start of the packaging process, with preparation of the empty shipping carton. The Working Comfort® module COMFORT.ERECT from Storopack makes it quick and easy to erect the carton flat pack, regardless of the carton's format. Following manual insertion of the carton, the base flaps are mechanically folded together, easing the workload of employees.

YOUR BENEFITS:

- ▶ TIME-SAVING: ULTRA FAST ERECTION OF SHIPPING CARTONS
- ▶ EFFORTLESS: MECHANICAL BOX-ERECTION
- ▶ PRACTICAL: THE BOX DOES NOT SLIDE AROUND DURING FILLING
- ▶ EXPANDABLE: CAN BE COMBINED WITH SOLUTIONS FOR BASE AND/OR LID SEALING
- ▶ FLEXIBLE: COMPATIBLE WITH A VARIETY OF CARTON FORMATS

The carton is then held in place and can be conveniently filled with the goods and their protective packaging. For maximum ease, the systems can also be combined with modules for sealing the base and/or lid.




COMFORT.PROTECT - PERFECT PRODUCT PROTECTION WHENEVER YOU NEED IT

Ease of access and streamlined processes are of the essence when filling the shipping carton with paper cushioning, air cushions, or packaging chips. It is imperative that the protective packaging material is always available in sufficient quantities and within easy reach. That is why we offer our Working Comfort® module COMFORT.PROTECT. The protective packaging is provided on demand and in a space-saving way; to meet ergonomic requirements, this may be done via a conveyor belt, for instance, or at an available packing

station. This avoids unnecessary movements and physical strain, thereby safeguarding the health and safety of personnel in the packing area. Storopack customizes each COMFORT.PROTECT solution to your requirements, taking into account the size of the workforce, parcel throughput, the available space, and the desired packaging material. If necessary, Storopack will incorporate silo systems and/or conveyor belts that feed the packaging material at the right ergonomic height and distance.

YOUR BENEFITS:

- ▶ FLEXIBLE: CAN BE USED WITH PAPER CUSHIONING, AIR CUSHIONS, FOAM CUSHION PACKAGING, AND PACKAGING CHIPS
- ▶ WITHIN REACH: THE PACKAGING MATERIAL IS AVAILABLE AT THE PACKING STATION ITSELF
- ▶ RELIABLE: PROTECTIVE PACKAGING IS PRODUCED ON DEMAND
- ▶ GOOD FOR HEALTH: PACKAGING PROVIDED IN A HIGHLY ERGONOMIC POSITION

 [More about Storopack's flexible protective packaging solutions:](https://www.storopack.us/products/flexible-protective-packaging)
www.storopack.us/products/flexible-protective-packaging

COMFORT.PACK – EVERYTHING WITHIN REACH AND IN THE RIGHT PLACE

Anyone seeking to pack efficiently requires optimized workstations. That is why we offer our Working Comfort® module COMFORT.PACK. The ergonomically designed packing stations offer everything needed for the packaging process in a compact space – from cartons, consumables, and tools to brackets for hardware such as scanners and monitors. But it doesn't end there. The packing stations can be easily combined with

other Storopack Working Comfort® modules, meaning, for example, that protective packaging can be made available at the packing station itself or that the preparation and further processing of the cartons can be optimized. If you subsequently decide to expand a packing station, this is no problem thanks to the system's modular design.

YOUR BENEFITS:

- ▶ COMPACT: BRINGS TOGETHER ALL STAGES OF YOUR PACKAGING PROCESS IN ONE PLACE
- ▶ GOOD FOR HEALTH: ALL MATERIALS IN ERGONOMIC REACH
- ▶ EFFICIENT: NO LONG WALKING DISTANCES
- ▶ MODULAR: PACKING STATIONS CAN BE EXPANDED AT ANY TIME, WITH ALL MODULES COMPATIBLE WITH EACH OTHER
- ▶ CUSTOMIZED: TAILOR-MADE SOLUTION THAT CAN EVEN BE PRODUCED IN YOUR CORPORATE COLORS

CUSTOMIZABLE AND INDIVIDUAL:

The experts at Storopack customize every single packing station. As a result, you receive a solution that is precisely tailored to the needs of your packaging process; on request, it can even be made in your corporate colors and feature your logo.



GOOD TO KNOW:
Water-activated tape is theft- and lamper-proof and the recipient can dispose of it, together with the box itself, as waste paper.

COMFORT.CLOSE – ALL WRAPPED UP

Convenient and ergonomic closing comes courtesy of our COMFORT.CLOSE module. Thanks to mechanical assistance, this stage of the packaging process is now easier and more efficient than ever before. Following manual folding of the top flaps, the machine seals the parcel using wateractivated/self-adhesive tape and is

easily operated by a control device, e.g., a foot switch. A practical feature is that the carton size is automatically detected. The result is precisely sealed shipping cartons with the flaps affixed securely in place.

YOUR BENEFITS:

- ▶ LOW-EFFORT: MECHANICAL SEALING, EASILY OPERATED VIA A CONTROL DEVICE
- ▶ TIME-SAVING: RAPID PROCESSING OF EACH BOX
- ▶ RELIABLE: BOX FLAPS FIRMLY AFFIXED USING WATER-ACTIVATED TAPE
- ▶ VERSATILE: AUTOMATICALLY ADAPTS TO A WIDE RANGE OF SIZES
- ▶ PRECISE: CONSISTENT AND RELIABLE SEALING OF SHIPPING CARTONS



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Working Automation MODULES

Working Automation BOOSTS PERFORMANCE AND FREEDOM.

Do you want a packaging process with high parcel volume, optimum material flow, greater freedom in terms of labor allocation, and faster delivery times for your customers? It's all possible thanks to Working Automation solutions from Storopack. Our modular system offers the right solution for every requirement, from automation of individual steps of the process through to almost fully automated packaging. Storopack is the first stop for anyone looking to redefine efficiency in packaging logistics.

Discover the four Working Automation modules from Storopack for perfect optimization of your packaging process. They can also be tailored to your own unique requirements



AUTO.ERECT – READY TO FILL

Anyone looking to prepare goods and protective packaging material for the filling stage of the packaging process no longer has to go through the hassle of folding and erecting the carton by hand. With AUTO.ERECT, Storopack offers a far more efficient alternative:

automated carton erection and sealing of the carton base. The Storopack system handles this task reliably and can process up to four carton sizes in any random order – a solution that offers maximum productivity on the final feet of the intralogistics process.

YOUR BENEFITS:

- ▶ EFFICIENT: AUTOMATED ERECTION OF THE CARTON AND SEALING OF THE CARTON BASE
- ▶ FLEXIBLE: CAN PROCESS UP TO FOUR CARTON SIZES IN ANY RANDOM ORDER, WITHOUT THE NEED FOR RECONFIGURATION
- ▶ CUSTOMIZED: SEALS USING WATER-ACTIVATED TAPE, SELV-ADHESIVE TAPE, OR HOT-MELT ADHESIVE
- ▶ MODULAR: OPTIONAL LABELLING OR INTEGRATION WITHIN YOUR INVENTORY MANAGEMENT SYSTEM



AUTO.PROTECT – AUTOMATIC RELIABLE PROTECTION

It is not always possible to eliminate voids within the carton, especially when dealing with a varied product range. As a result, goods move around during transit, which may damage both the carton and its contents. With our Working Automation module AUTO.PROTECT, you can protect your products against these hazards. AUTO.PROTECT detects voids and automatically fills them

with padding material, which holds the shipping goods in place and provides reliable protection. Our experts will advise you on the optimum protective packaging and adapt the module to your precise requirements and products. The result: automatic reliable protection for your shipping goods.

YOUR BENEFITS:

- ▶ INDEPENDENT: VOIDS WITHIN THE CARTON ARE FILLED AUTOMATICALLY WITHOUT TYING UP PERSONNEL
- ▶ RELIABLE: PERFECT PRODUCT PROTECTION THANKS TO SUITABLE PROTECTIVE PACKAGING
- ▶ CUSTOMIZED: IN TERMS OF THE PROTECTIVE PACKAGING MATERIAL, FILLING METHOD, AND CARTON FORMATS





AUTO.CLOSE - SECURELY SEALED IN SECONDS

The Storopack AUTO.CLOSE module speeds up your packaging process. The machine closes the top of the packed carton and reliably seals it using water-activated tape, self-adhesive tape, or hot-melt adhesive. Optionally, the base can also be sealed. As a result, parcels of different sizes can be processed in any random order, without the need for manual intervention. AUTO.CLOSE also lets you choose between different sealing types:

U-shaped for standard parcels (with optional pull strip), C-shaped for extremely flat cartons, or T-shaped for the optimum sealing of heavy cases. It should also be pointed out that water-activated tape is theft- and tamper-proof and that the recipient can dispose of it, together with the box itself, as waste paper.

YOUR BENEFITS:

- ▶ EFFICIENT: RAPID SEALING
- ▶ RELIABLE: BOX FLAPS FIRMLY AFFIXED USING WATER-ACTIVATED/SELF-ADHESIVE TAPE
- ▶ ALL-AROUND PROTECTION: SEALS THE BASE AND/OR TOP OF THE CARTON
- ▶ FLEXIBLE: SIMULTANEOUS PROCESSING OF DIFFERENT CARTON FORMATS, FROM ULTRA SMALL TO ULTRA LARGE
- ▶ CUSTOMIZED: IN TERMS OF THE CHOICE OF SEAL AND ITS POSITIONING (U-, C-, OR T-SHAPED SEALING, WITH OPTIONAL PULL STRIPS)

AUTO.MINIMIZE - LESS IS MORE

Our Working Automation module AUTO.MINIMIZE offers smaller parcels and less packaging material, thus enabling greener transport. The system measures the size and filling level of the box and cuts the edges to just the right height. The machine then folds and seals the

shipping carton using water-activated tape, self-adhesive tape, or hot-melt adhesive. Alternatively, the box can also be sealed with a separate lid. A practical feature is that AUTO.MINIMIZE can process boxes of different sizes in any random order.

YOUR BENEFITS:

- ▶ COST-SAVING: REDUCED SHIPPING COSTS THANKS TO COMPACT CARTONS THAT TAKE UP LESS SPACE
- ▶ ECO-FRIENDLY_ MORE BOXES PER TRUCK, REDUCING CARBON EMISSIONS
- ▶ SIMPLE: NO NEED TO STORE AS MANY DIFFERENT CARTON FORMATS
- ▶ CUSTOMER-FRIENDLY: COMPACT AND RESOURCE-SAVING SHIPMENTS MAKE A BETTER IMPRESSION ON CUSTOMERS



To develop your solution, we draw on the Working Comfort® and Working Automation portfolios:

Working Comfort®

&

Working Automation

YOUR BENEFITS:

- ▶ CONVENIENT: A PACKAGING PROCESS THAT IS ERGONOMIC FROM START TO FINISH
- ▶ EFFICIENT: OPTIMIZED WORKFLOWS TO ENHANCE PRODUCTIVITY
- ▶ MOTIVATIONAL: STAT-OF-THE-ART WORKSTATIONS BOOST EMPLOYEE SATISFACTION
- ▶ GOOD FOR HEALTH: NON-TIRING WORKFLOWS HELP TO REDUCE THE NUMBER OF SICK DAYS



YOUR BENEFITS:

- ▶ PRODUCTIVE: HIGH PACKING THROUGHPUT
- ▶ COST-EFFECTIVE: REDUCED OPERATING COSTS
- ▶ SATISFIED CUSTOMERS: SHORTER DELIVERY TIMES
- ▶ RELIABLE: REDUCED DEPENDENCE ON DEDICATED LABOR



ERECTING

INSERTING

PROTECTING

CLOSING

LABELLING

PALLETIZING



If you would like to obtain additional information or speak to us directly, please feel free to get in touch with us. At Storopack we are happy to help.

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