

Innovation

LoeschPack

Your high-quality products deserve flawless, efficient, and sustainable packaging. LoeschPack offers comprehensive packaging solutions to make this possible. Discover the countless opportunities that working with LoeschPack can offer for your value chain. When it comes to after-sales service, our unique service organization is available to provide support around the globe. With over 105 years of experience, we know what is important for packaging products. We seek to make you more successful in your business. We see our customers as true partners,

with whom we engage while aligning ourselves to their specific needs. This is how new packaging ideas, experiences, and suggestions are incorporated into the process of innovation, making what is already good even better. And that's what we understand by "Packaging your ideas..."

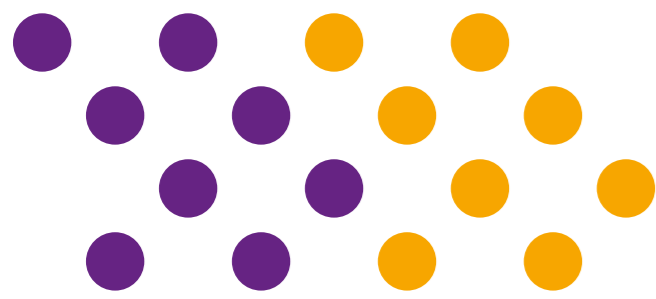


Olaf Piepenbrock
Managing Partner
Piepenbrock Group



LoeschPack
PIEPENBROCK GROUP 

LoeschPack is a technology and quality leader in packaging machines and complete systems for packaging chocolate, chewing gum, confectionery, cookies and wafers, granola and protein bars, pharmaceutical products, as well as food and non-food products. In these dynamic industries, we have been developing customized system solutions for your products since 1919. We stand for precise, reliable, hygienic, flexible, efficient, and innovative packaging systems that are gentle on the product – and for end-to-end service that is available around the globe. We offer comprehensive solutions over the entire life cycle of your system – from the initial idea and engineering to construction and commissioning, and all the way through to training and spare parts.



Packaging your ideas...

System solutions

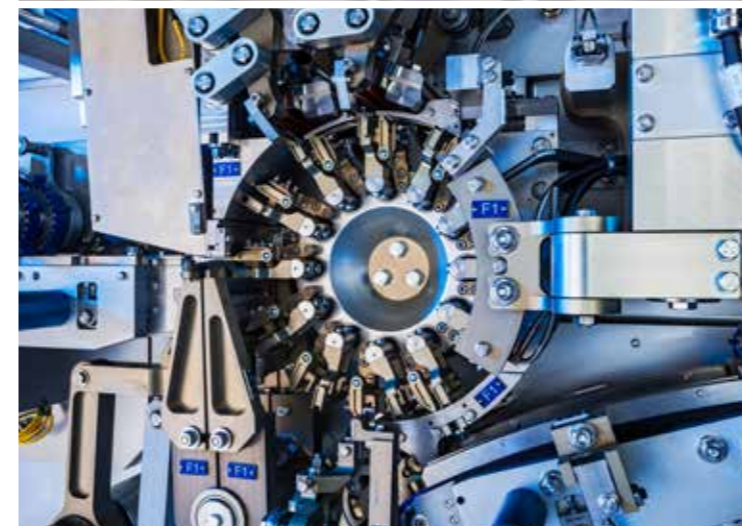
When it comes to your packaging, LoeschPack has the expertise that has made the company a leading machine manufacturer in the industry for more than 105 years. Global players and medium-sized producers now put their trust in the packaging machines and system solutions from LoeschPack.

Fold wrapping, packing, loading, feeding, and cartoning demand specialist knowledge. Our employees are specialists with an in-depth understanding of the challenges they face in production operations. We understand our customers' businesses at all levels of the organization, from

management to engineering to the shop-floor staff. Our approach is to combine comprehensive action with personal responsibility. Flat, transparent hierarchies ensure an unbureaucratic atmosphere and quick decision-making. We attach great importance to maximum transparency, quality, and lean processes; to end-to-end project management; and to involving all the affected departments. You can trust our machinery and solutions throughout your value chain. We call this corporate excellence.

FACTS AND FIGURES

- > **Founding of the company**
1919 in Dresden
- > **Core expertise**
Packaging machines and systems for the confectionery industry
- > **Headquarters**
Altendorf in Upper Franconia
- > **Number of employees**
26,800, Piepenbrock Group
- > **Other locations**
USA, France, Ukraine, Serbia; more than 50 sales and service partners worldwide
- > **Internationality**
Export ratio of roughly 90 percent
- > **Membership**
VDMA – Food Processing and Packaging Machinery



Added value

We go beneath the surface

With packaging solutions from LoeschPack, you are investing in sustainable added value. Mechanical engineering quality "Made in Germany," a high level of in-house production, and experienced specialists lay the foundation of high-performance and cost-effective solutions.

We implement your packaging ideas in an efficient and practical, application-oriented manner – with a clear focus on performance, process stability, and short project lead times. What matters is not just investment, but the value contribution over the entire life cycle of the system. Starting with the development phase, we take productivity, energy efficiency, and total cost of ownership into account.

This is how added value is created where it is economically relevant: in high availability, stable performance, and optimized production costs. A coordinated service range across the entire life cycle bolsters the long-term performance of your systems.

Production costs represent the lion's share of your packaging system's total cost of ownership. We help you to reduce costs where they arise – below the surface. That's how you ensure added value. Thanks to the overall performance of machinery and systems from LoeschPack, your up-front costs pay for themselves over the term.



Professional teamwork

Packaging design

Customers around the world value the expertise LoeschPack offers in solving highly complex challenges. We work with them to create not just innovative machinery but also entirely new approaches to packaging, which open up new opportunities in the presentation of products and considerably enhance product convenience. You can test your machines and train your personnel directly next to production in our LoeschPack Technical Center. Using original materials,

we create samples and can carry out test runs with your formats. We use the resulting data to analyze the cost-efficiency and feasibility of your unique packaging idea. No matter what packaging solution you are looking for, we provide the advice you need regarding implementation – and are always at your side as a partner you can rely on.

LOESCHPACK TECHNICAL CENTER

- > Development and testing of technical solutions
- > Review machine utilization for the product and packaging material
- > Training for your staff
- > Design of innovative packaging solutions

Increase efficiency

Conserve resources

The efficiency of the entire system substantially influences the sustainability of packaging processes. Even before commissioning, a detailed product-flow and line simulation can help to identify potential bottlenecks early on and adjust them in a targeted manner. This allows complex processes to be tailored to specific requirements.

A key lever lies in the continuous further development of the machines. Optimized format changeovers help shorten changeover times and reduce downtime. In parallel, energy use is analyzed, and, where technically feasible, improved through the use of energy-efficient drive technologies. Compressed air consumption can also be reduced through design initiatives and data-driven analyses.

A stable packaging process can also help

reduce material usage and product scrap. Supplementary site-specific measures are also implemented: At the production site, for example, a 715 kWp photovoltaic system supports in-house power generation. In addition, the company's CO₂ emissions are offset through reforestation projects in the company-owned forest. The combination of these approaches helps to take a holistic view of sustainability in operations.



Alternative packaging materials

Safely process new materials

Packaging is increasingly caught between product protection, regulatory requirements, and the desire to use less material. Against the backdrop of European targets for the recyclability of packaging, the processing of alternative packaging materials is becoming increasingly important.

Materials such as paper, cardboard, aluminum, or plastics differ in their properties, with each material placing specific demands on machinery technology. Bio-based and potentially biodegradable materials are also being discussed, although their use must always be assessed with regard to product protection, food safety, and the existing disposal infrastructure. Modern packaging systems are therefore designed to process different materials as flexibly as possible. The aim is to enable

users to adapt to new packaging concepts without compromising process stability. At the same time, balancing material savings, technical feasibility, and cost-efficient operation remains a key challenge.

Sustainability measures extend beyond the material itself: Energy efficiency, reduced emissions, or the offsetting of such emissions – such as through reforestation in the company's own forest holdings – are complementary building blocks of a holistic approach.

Masterful value creation






























Chocolate, chewing gum, confectionery, and more

Whether chocolate or chewing gum, cookies, or gummies, we package them all – along with bars and other food and non-food items, and even pharmaceutical products. Our solutions are designed to package products reliably and attractively. To this end, we develop and implement technically sophisticated, customized packaging solutions “Made in Germany”. Our portfolio includes modular and automated packaging machines and systems, from buffering and feeding systems to fold wrapping and flow wrapping machines, along with cartoning machines, tray loaders, and banding and full wrapping machines. All components are planned and implemented by a single source.

Our system solutions help you present products efficiently and in line with market requirements. Proven machine concepts are available for many applications. In addition, we develop specific solutions as needed – together with you and tailored to your requirements. Our value creation begins with the transfer of products from upstream processes. In doing so, we take relevant interfaces into account and integrate them into the overall concept. This results in sophisticated packaging solutions with a focus on process stability and practical suitability. Together with our customers, we develop and build all necessary components along the entire value chain in order to map the

packaging process from the unpackaged product through to the retail tray. These include custom buffering, feeding and distribution concepts, solutions for mold handling and storage, as well as end-of-line buffers and specific cartoning solutions. On this basis, integrated systems are created that are aligned with the respective process requirements. This is in keeping with our slogan of “Packaging your ideas...”



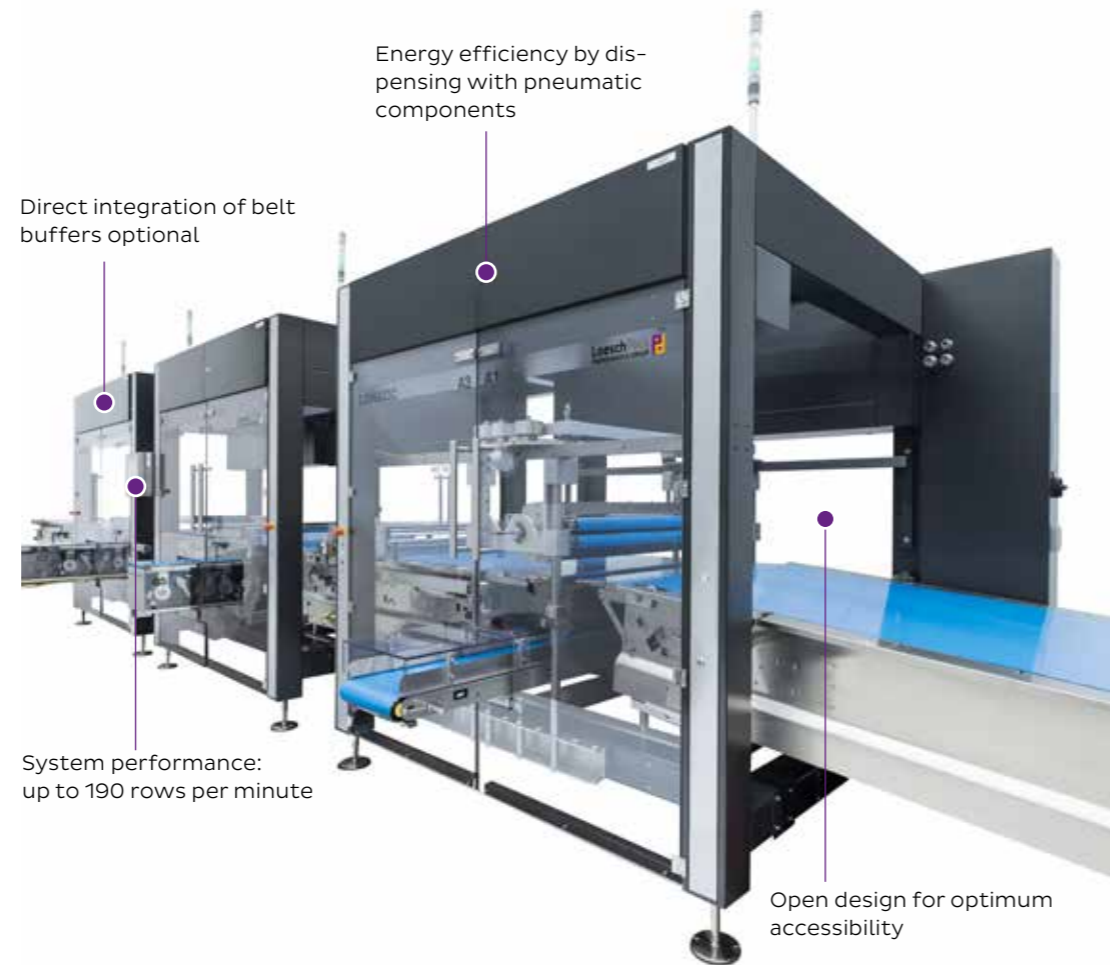
Custom machine engineering	Packaging systems	Packaging systems	Packaging systems	Cartoning systems	Banding and full wrapping systems
 <p>Special equipment for packaging systems</p>	 <p>FHW-S 2,100/min. (p. 14)</p>	 <p>LTS-DUO 275/min. (p. 20)</p>	 <p>GWS-M 1,500/min. (p. 26)</p>	 <p>CSL 170/min. (p. 30)</p>	 <p>LCM 300/min. (p. 35)</p>
 <p>Feeding, distribution, and buffering systems</p>	 <p>FHW 1,500/min. (p. 16)</p>	 <p>LTM-DUO + LTM-DUO Comiline 215/min. (p. 22)</p>	 <p>GWS 2,500/min. (p. 27)</p>	 <p>CML 150/min. (p. 31)</p>	 <p>LCM-B 300/min. (p. 35)</p>
 <p>LOMATIC Feeding + distribution system (p. 12)</p>	 <p>FGT 800/min. (p. 17)</p>	 <p>RCB 800/min. (p. 24)</p>	 <p>GWT 2,500/min. (p. 28)</p>	 <p>CMW 60/min. (p. 32)</p>	 <p>FHW 500/min. (p. 16)</p>
 <p>LOOP Buffering systems (p. 13)</p>	 <p>LRM-S 600/min. (p. 18)</p>	 <p>RPM 200/min. (p. 25)</p>	 <p>LRM-DUO 230/min. (p. 29)</p>	 <p>CMT 100/min. (p. 33)</p>	 <p>FHW 500/min. (p. 16)</p>
 <p>GUM & VIBRATORY feeding systems</p>	 <p>LTM 180/min. (p. 19)</p>			 <p>CMC 60/min. (p. 34)</p>	 <p>FHW 500/min. (p. 16)</p>
					 <p>> Packaging your ideas...</p>

Feeding, distributing, buffering

LOMATIC

Feeding and distribution system

The latest-generation LOMATIC is a modular feeding and distribution system for efficiently feeding and distributing individual pieces across different output ranges. The fully automatic system is used primarily in the chocolate industry downstream of molding, bar-forming, and enrobing lines, and is equally suitable for applications in the cookie, wafer, and granola bar segments. It is used for row-by-row feeding of downstream packaging machines and, depending on the configuration of the packaging line, can be designed with one or more stations. Thanks to its modular design, the system can be adapted to a variety of line concepts. In continuous operation, the LOMATIC processes up to 190 rows per minute, thus supporting stable and high-performance product feeding upstream from the packaging process.



Feeding, distributing, buffering

LOOP

Buffering system

Loesch's LOOP buffering systems primarily serve to decouple the process line and packaging and help to selectively harmonize product flows within the line.

Depending on integration into the feeding and distribution system, the units balance incoming product flows, regulate product infeed as required, and support uniform supply to downstream packaging processes. This counterbalances output fluctuations in the packaging area, enables brief temporary holding of products, and prevents the packaging machines from overflowing.

The systems are suitable for a wide variety of pre-packaged and unpackaged products and are available as the LOOP-GB gondola buffering system or as the LOOP-ML belt or multilevel storage system. Gondola and

belt buffering systems can also be used as overflow buffers at the end of a production line.

New to the portfolio are storage systems for product carriers from the LOOP-PC series, in which even entire molds can be stored.

Decoupling the casting system and packaging machine can help improve line performance and overall equipment effectiveness. Infeed and discharge capacity is up to 160 rows per minute.

Increase in line performance and equipment effectiveness

Discharge rate: up to 160 rows per minute



BLACK SERIES

Packaging system

FHW-S

Performance flow wrapping machine

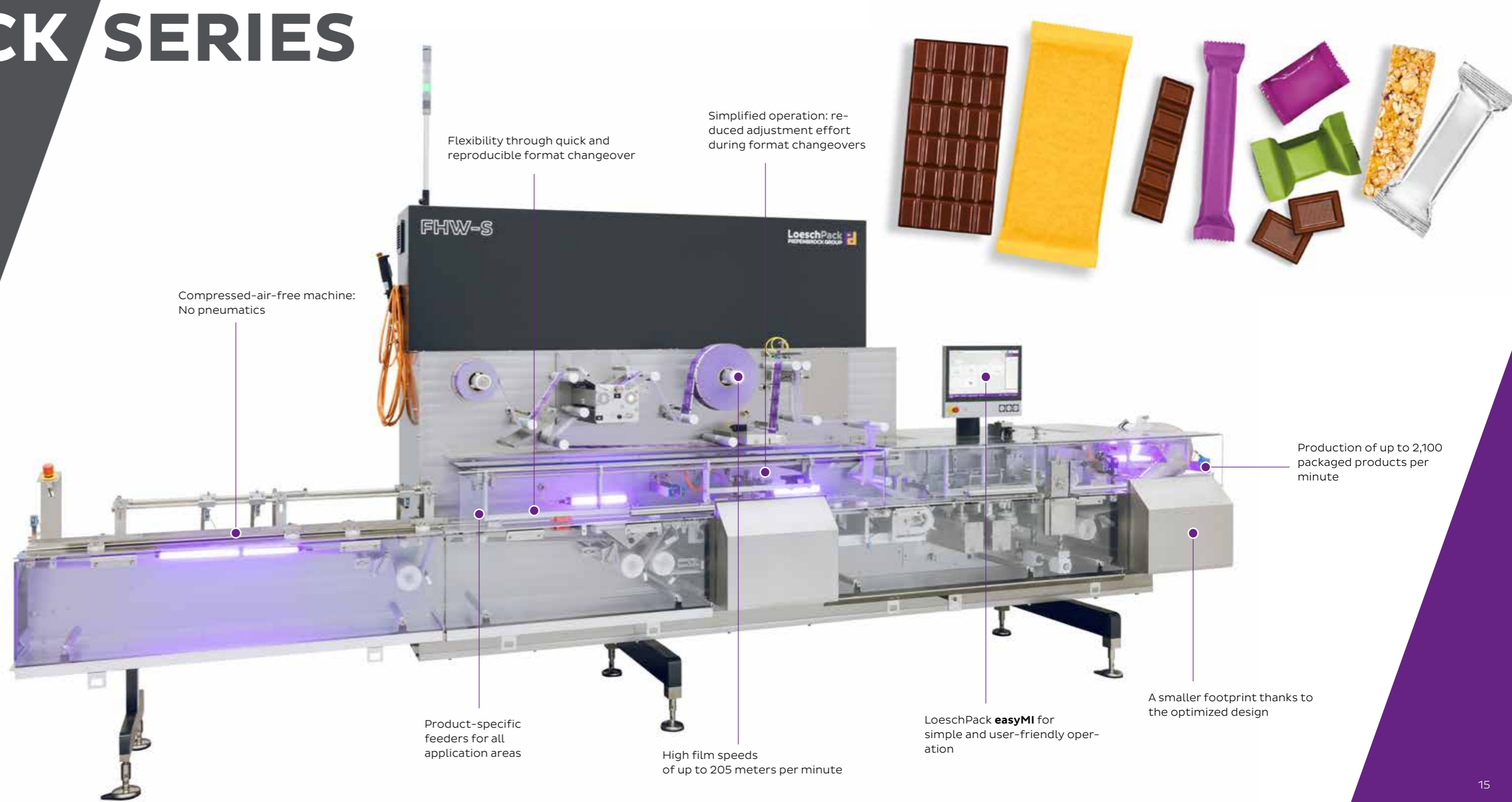
With the new generation of the FHW-S machine, LoeschPack is rolling out a compact, low-maintenance and easily accessible horizontal flow wrapping machine for cold- and heat-sealing applications.

The machine concept is designed for high performance and an efficient packaging process. In combination with its product-specific high-performance infeed, the FHW-S processes up to 2,100 products at film speeds of up to 205 meters per minute.

In addition to established films, alternative paper-based packaging materials can also be processed. The machine operates without external compressed air, which reduces energy consumption and operating expense. Simplified operation, optimized web edge control, and safe and rapid format changeovers contribute to a stable production process.

Modern 3D product inspection also supports consistent product and packaging quality.

With LoeschPack upstream and downstream equipment, the FHW-S can be well integrated into holistic line concepts.



Flexibility through quick and reproducible format changeover

Simplified operation: reduced adjustment effort during format changeovers

Compressed-air-free machine: No pneumatics

Product-specific feeders for all application areas

High film speeds of up to 205 meters per minute

LoeschPack **easyMI** for simple and user-friendly operation

A smaller footprint thanks to the optimized design

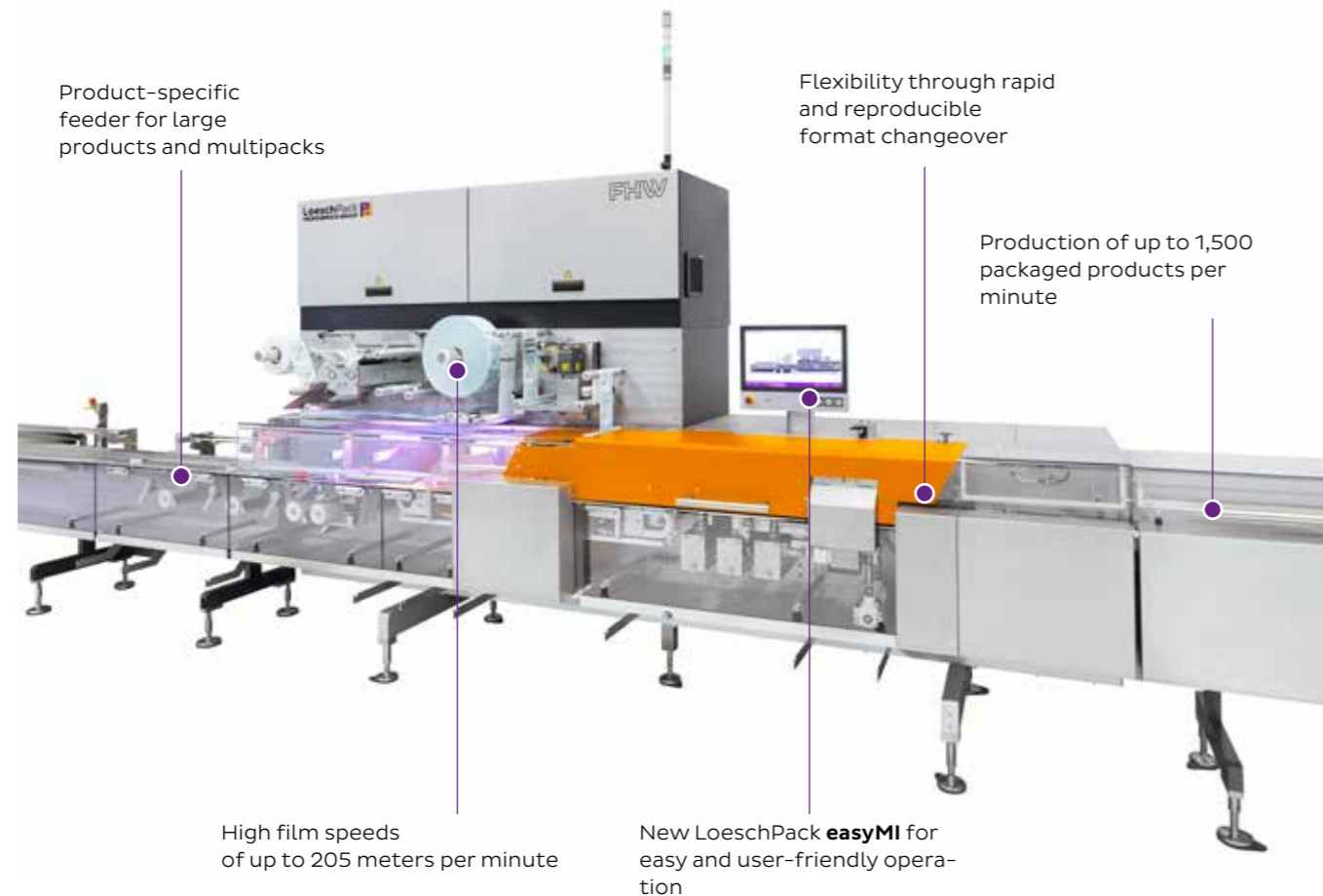
Production of up to 2,100 packaged products per minute

Packaging system

FHW

Horizontal flow wrapping system for the large format range

The FHW is a horizontal flow wrapping system for the large format range. It is suitable for both cold seal and heat seal applications. With a feeder perfectly tailored to the product, the machine packs larger items with up to 1,500 products or multipacks with up to 500 at up to 205 film meters per minute. Both traditional and alternative packaging materials can be used on the platform without any problems – and with minimal changeover effort at the push of a button. The re-design features high overall line efficiency and performance as well as maximum format and packaging flexibility. Thanks to a wide range of upstream and downstream equipment from LoeschPack, this is an optimal system component in a line combination.

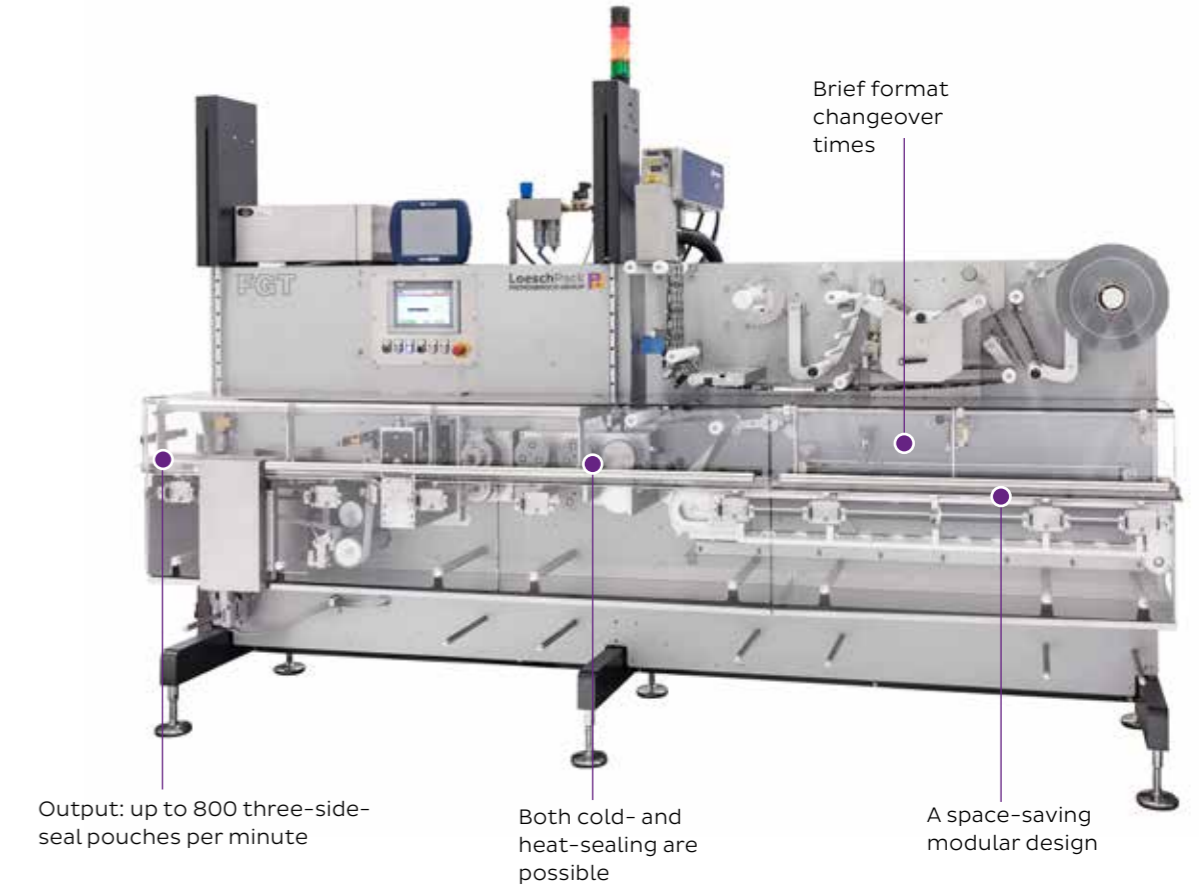


Packaging system

FGT

Flow wrapping machine for chewing gum

The FGT is a horizontal flow wrapping machine designed for three-side-seal pouches and for secondary packaging of chewing gum. The machine processes up to 800 products per minute and supports a cost-efficient packaging process with low packaging material costs. Format changeovers require little effort. In combination with available upstream and downstream equipment, the FGT can be seamlessly integrated as a system component of chewing gum packaging lines.

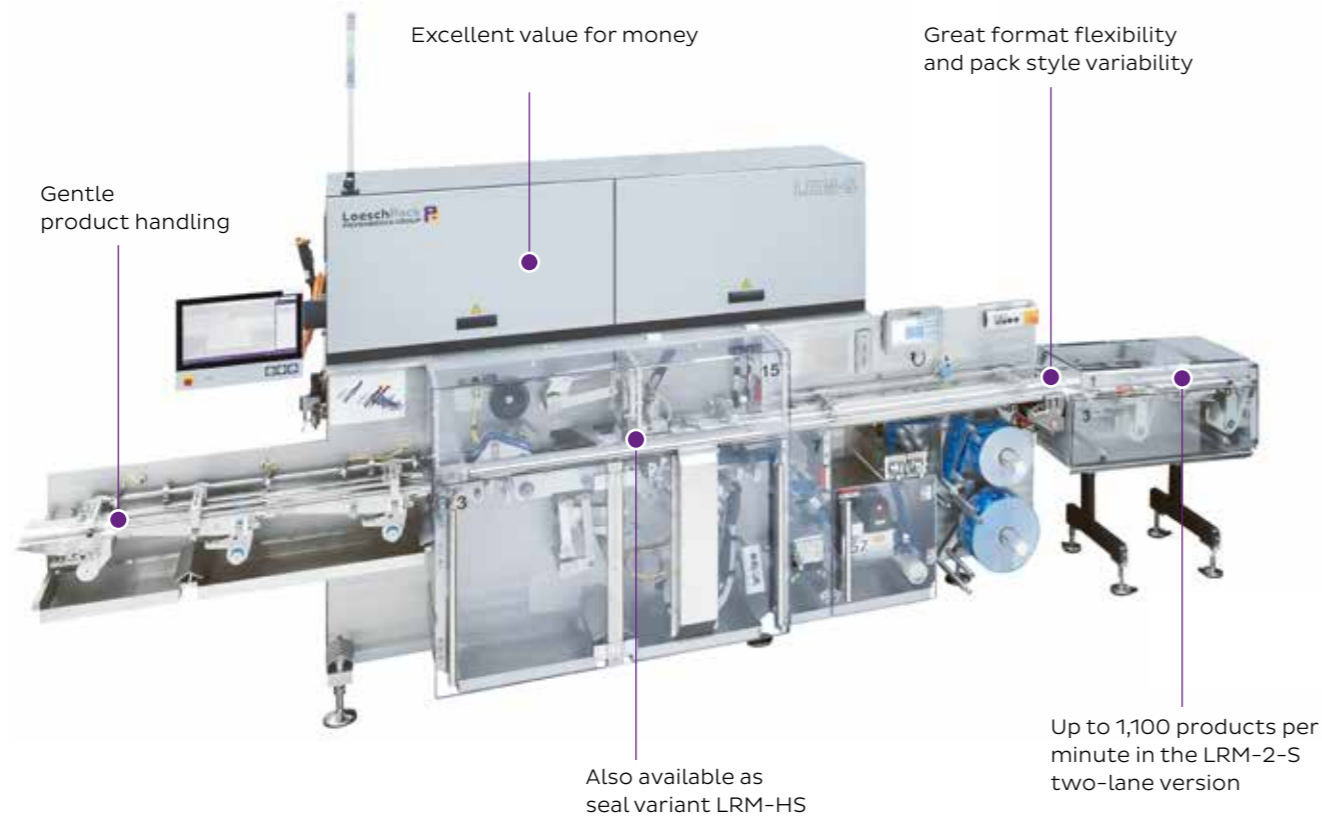


Packaging system

LRM-S

Single-stage fold wrapping machine

The LRM-S is a compact fold wrapping machine for the upper performance range of up to 600 packs per minute. The machine wraps enrobed and formed large, medium, and small chocolate bars and napolitains, wafers, and other similar products in one or two wrapping materials. The LRM-S platform enables several packaging variants for a variety of applications: With the LRM-HS sealing version, up to 450 products per minute can be hermetically sealed. The two-lane LRM-2-S can handle up to 1,100 products per minute for uncompromising performance in the production of upscale fold wrappers for chocolate napolitains.

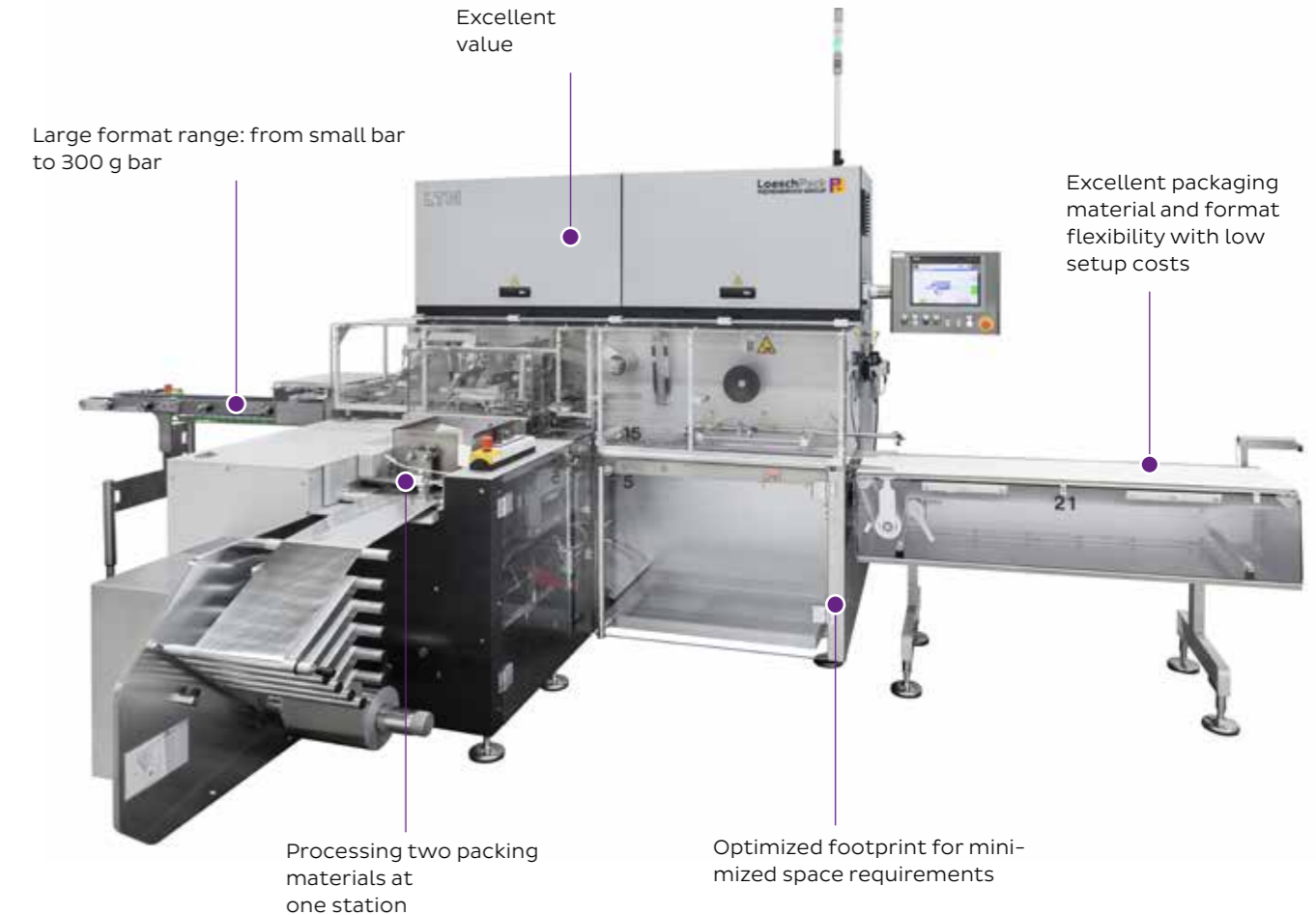


Packaging system

LTM

Single-stage fold wrapping machine

The LTM is an automatic, single-stage fold wrapping machine for chocolate bars. It is the easy and affordable entry-level solution for flawless bar wrapping. The flexible system can process up to 180 products per minute, making it primarily suitable for packaging large, medium, and small chocolate bars and other rectangular items of confectionery. Unlike two-stage machines, the LTM processes two different packaging materials in a single step, enabling an extremely lean, space-saving, and efficient footprint – even with a 300g bar.



BLACK SERIES

Packaging system

LTS-DUO

Two-stage fold wrapping machine

The LTS-DUO serves as a new generation of two-stage fold wrapping machines that was developed specifically to meet the requirements of modern production environments. As a new development within the L series, it combines high performance of up to 275 bars per minute with a compact, sophisticated machine concept. The focus is on flexible application options, consistently precise packaging quality, and efficient integration into existing lines.

The machine is based on decades of experience in fold wrapping packaging and close collaboration with customers worldwide. Insights from numerous implemented projects have been incorporated into the development to further develop proven technologies and adapt them to current market requirements. These include, in particular, optimized process sequences, modern drive and control concepts, and design details that support stable and reliable operation. A special focus is placed on cost-effective

ness in daily operation: Fast and easy format changeovers reduce changeover times, while the compact design with a small footprint conserves valuable production floor space. At the same time, improved accessibility facilitates cleaning and maintenance, contributing to high system availability.

The LTS-DUO therefore stands for a balanced interplay of performance, flexibility, and efficiency – designed for demanding packaging processes in a highly competitive environment.



Use of biodegradable packaging material

HMI Loesch easyMI

Output: up to 275 bars per minute

Good product protection through a sealed primary wrap

Newly developed 2nd station for paper and cardboard labels

Packaging system

LTM-DUO + Combiline

Three-stage fold wrapping machine

The Loesch LTM-DUO packs up to 215 bars of chocolate per minute in a primary wrap and an outer wrap. It is also flexible when it comes to the choice of packaging – bio-film, mono and composite materials, and aluminum foil can all be used without any problems; the inner wrap is also hermetically sealed. The outer wrap can be executed as a paper label from the stack or reel, or as a cardboard label. All versions can be used alternately on one machine, with format changeovers completed in a very short time. Among other features, it offers zero-pressure product feeding on smart belts, a large format range, and rapid format changeovers. The LTM-DUO packages everything from small bar products to 300-gram bars and can complete even larger format changeovers in under 60 minutes. By the way: A two-stage line can become a three-stage line! The LTM-DUO can be easily expanded into a combination line with the

optional CMW cartoning module for processing display cartons. This module can also be retrofitted to existing machines.



New HMI generation
Loesch **easyMI**

Use of
biodegradable
packaging material

Ideal as part of a
LTM-DUO combined line –
from bar to carton

Good product protection
through sealed primary wrap

Output: up to
215 bars per minute

Output: up to
30 cartons per minute

BLACK SERIES

Packaging system

RCB

Wrapping head machine

The RCB packs medium and small chocolate bars and napolitains in a premium look, at the same time ensuring excellent product protection from environmental influences. It thus combines the advantages of a conventional fold wrapping machine with those of a flow wrapping machine. The machine produces hermetically sealed packages at a speed of up to 600 products per minute with one wrapping head and hot seals the packaging material all around. The heat bars always seal film against film, ensuring extremely tight packaging. Following that, folding elements produce the conventional fold wrap. The RCB is also available as the RCB-H, which has a larger format range. In this variant, it also packs small bars at a speed of up to 450 products per minute. In the RCB-S variant, the system can pack up to 800 products per minute in an open fold wrap.



No use of hot-melt adhesive for sealing the pack

High speeds of up to 800 products per minute



Sealing film against film, no product contact

Packaging system

RPM

Single-stage roll wrapping machine



The RPM is an extremely compact roll wrapping system that is also flexible in terms of format. The wrapping machine packs round wine gums as well as molded and coated products in the medium-speed range of up to 200 packs per minute. This new system is based on many decades of experience in manufacturing roll wrapping machines and complies with all standards of modern, economical, and efficient confectionery production.

Product-specific and gentle vibratory feeder

Excellent value for money



Quick and easy format changeovers for different pack contents

Compact, optimized footprint

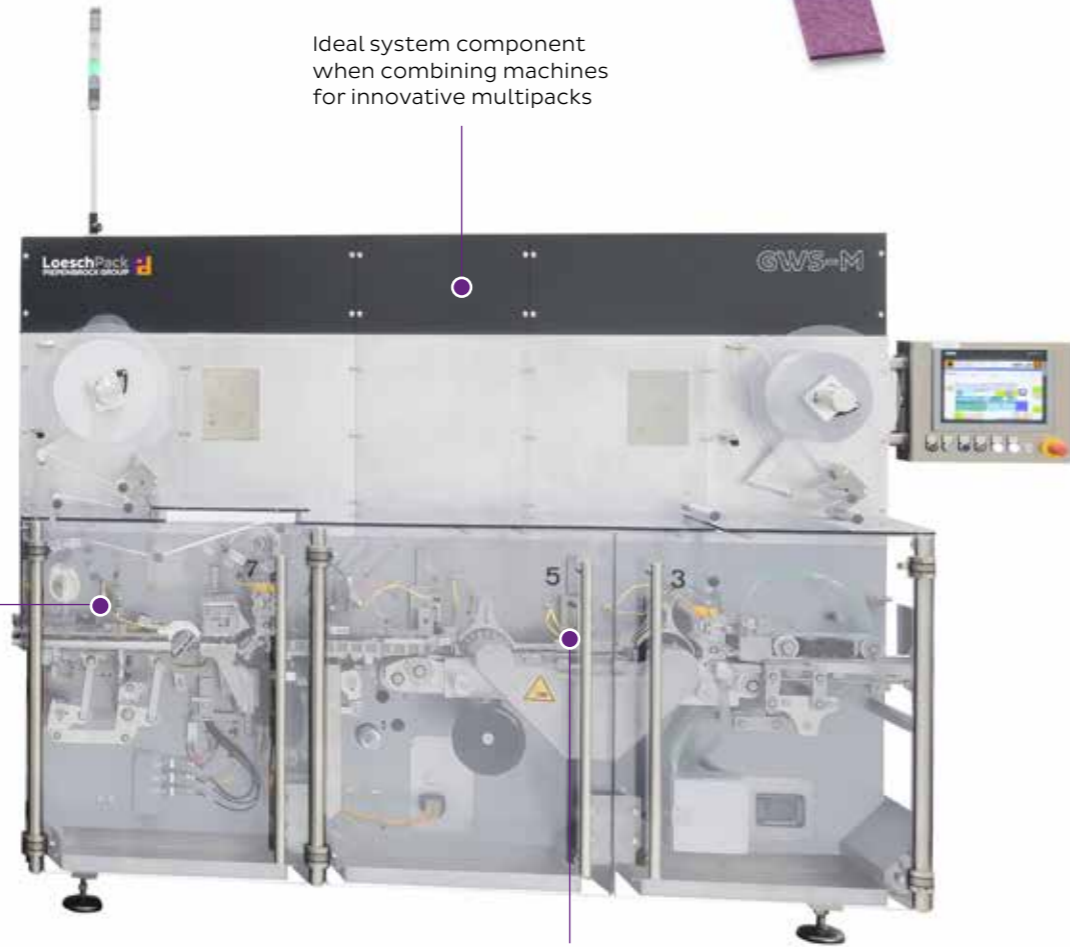
Packaging system

GWS-M

Fold wrapping machine for chewing gum sticks

The servo-driven GWS-M fold wrapping machine packs traditional chewing gum sticks at high speeds of up to 1,500 sticks per minute. Single chewing gum sticks are continuously wrapped in paper-backed aluminum foil, stacked, and then wrapped in a paper sleeve. Alternatively, the products are transferred to a downstream multipack cartoning machine from Loesch to produce innovative packaging styles.

Ideal system component when combining machines for innovative multipacks



Ideal system component when combining machines for innovative multipacks

Mid-speed segment: up to 1,500 cartons per minute



Packaging system

GWS

Fold wrapping machine for traditional chewing gum single sticks

The GWS premium machine inserts classic chewing gum single strips into fold wrapping at a maximum speed of up to 2,500 strips per minute. The machine is used for wrapping single chewing gum sticks and assembling them into multipacks or discharging for further wrapping in carton multipacks.

Output: up to 2,500 cartons per minute



Inline design possible

Ideal accessibility for cleaning and maintenance

Flexible processing of various chewing gum hardness degrees



Packaging system

GWT

Fold wrapping machine for TabGum

The GWT fold wrapping machine processes TabGum at a maximum speed of up to 2,500 tabs per minute. The machine is used for wrapping of single tabs that are then grouped in layers and passed downstream for further packing. It is flexible and can be easily combined with LoeschPack multipack cartoning machines as well as flow wrapping machines.

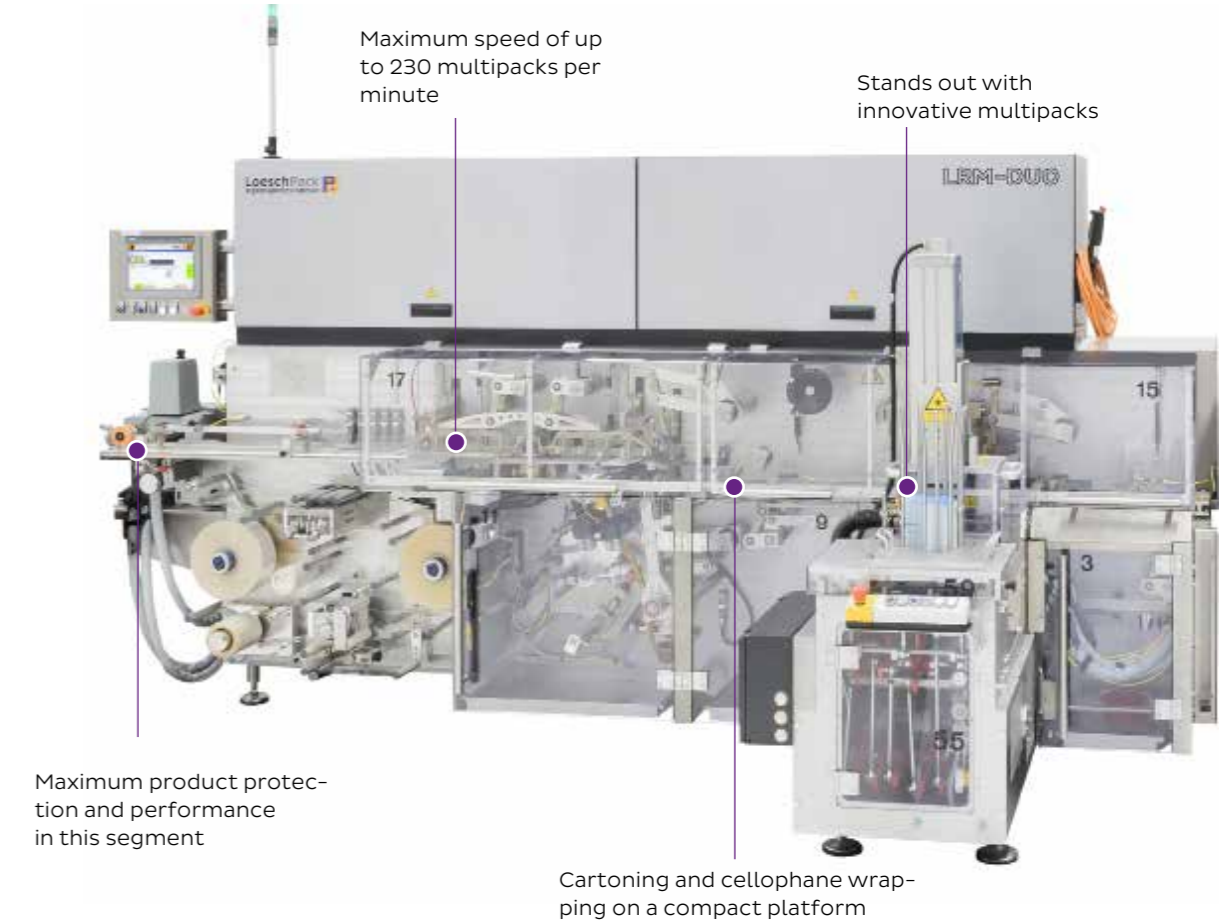


Packaging system

LRM-DUO

Fold wrapping machine for multipacks

The LRM-DUO two-stage fold wrapping machine packs and hermetically seals pre-packed chocolate products or other small confectionery products at a speed of up to 230 multipacks per minute. The pre-grouped products are first packed in diverse cardboard box multipacks and then wrapped in tightly sealed cellophane. The machine combines the features of a cartoning machine with those of a cellophane wrapping machine in a modular design that conserves space and is flexible. All these characteristics made it possible for the LRM-DUO to also be recognized with the German Packaging Prize in the category of "Best Machine!"

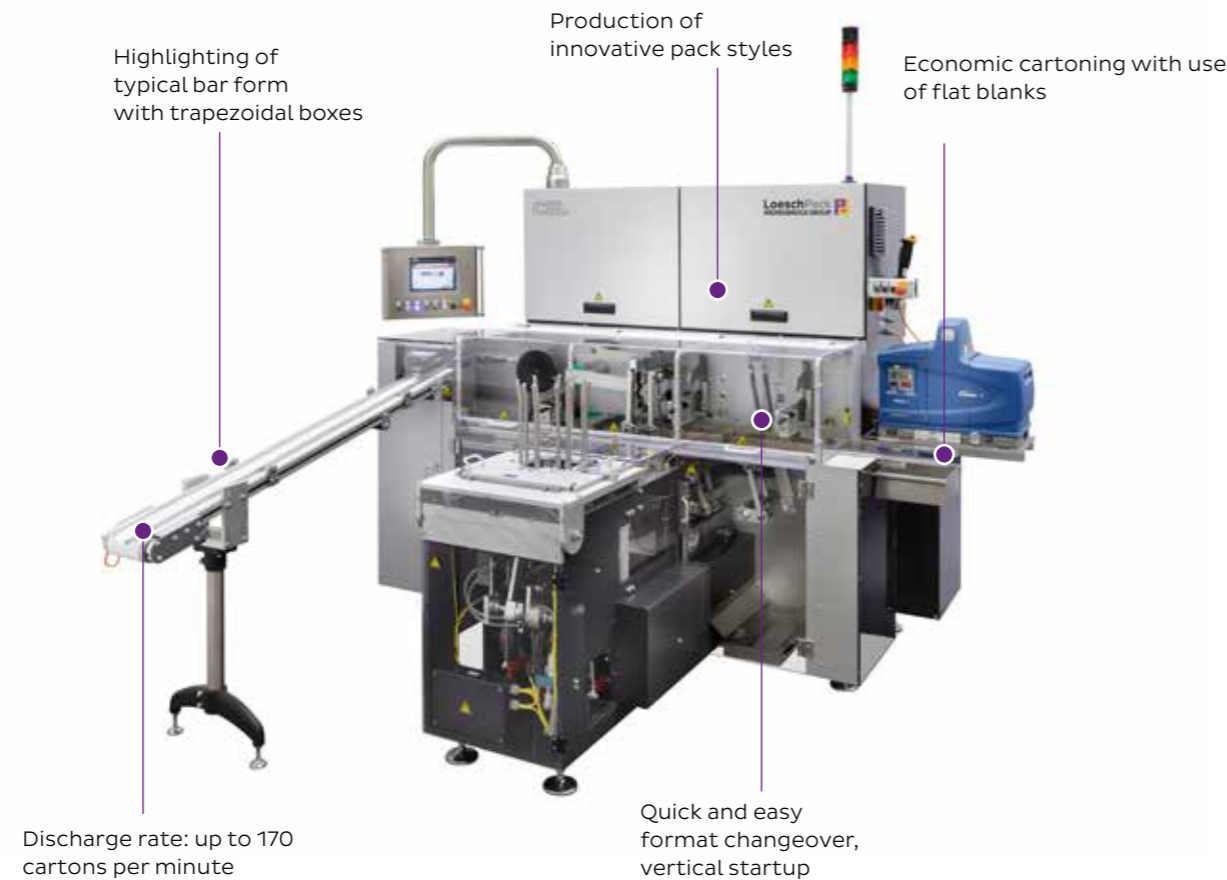


Cartoning system

CSL

Wrap-around cartoning system

Our CSL can carton up to 170 pre-packed individual products at high speeds – using the wrap-around method and a longitudinal seam glued with hot-melt adhesive. For outstanding packaging quality of chocolate bars, cookies, wafers, and similar cuboid-shaped products. And because the CSL processes flat carton blanks, it's also cost-saving in operation. This way, your pre-packaged product is always well protected. The CSL can be perfectly integrated into a line behind a fold wrapping or flow wrapping machine.



Cartoning system

CML

Wrap-around cartoning system

The CML is a flexible fold wrapping machine for cartoning multiple products in multipacks or assortment packs. It not only cartons pre-packaged chocolates, wafers, and other food and non-food items; it also offers a wide range of formats. Special feeding devices can be used to produce mixed packs as well as double-row packs and innovative multipacks. This is because the CML always groups individual pieces as required – constantly at high speeds of up to 150 packs per minute.



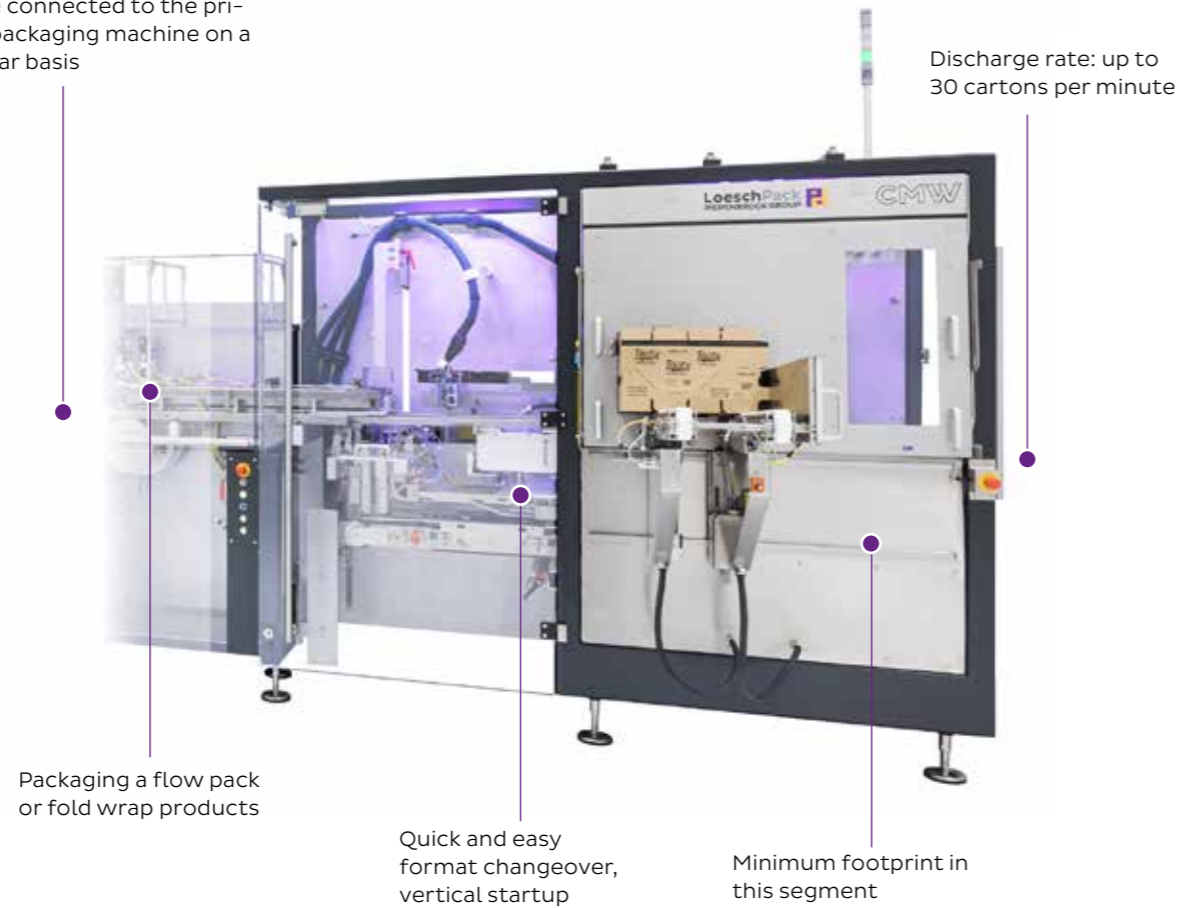
Cartoning system

CMW

Wrap-around cartoning system

The CMW is a cartoning machine for chocolate bar multipacks. A highly flexible and compact display cartoner with a speed of up to 30 cartons per minute. In the stand-alone variant, pre-packed chocolate bars from one or more packaging machines are brought together and reliably packed in display cartons. The CMW is a response to demand for high performance requirements, and is also suitable as an addition to existing packaging lines. With its small footprint, it is one of the most compact display cartoners available on the market. As part of a combined line, the CMW can also be directly connected to an existing or new LTM-DUO bar wrapping machine using a common controller – for efficiency and space savings.

Can be connected to the primary packaging machine on a modular basis

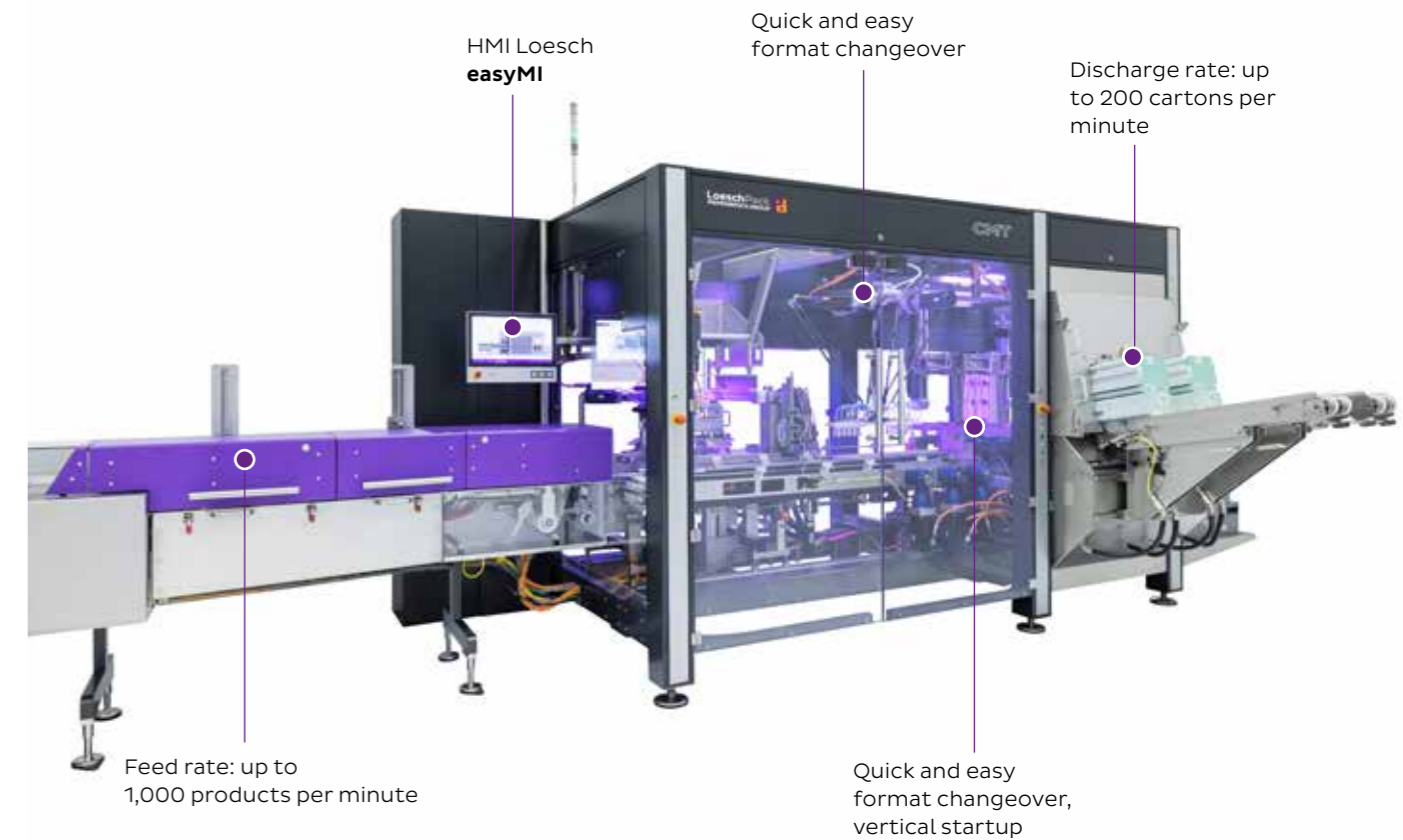


Cartoning system

CMT

Top-loading cartoning system

The CMT is a particularly flexible and powerful system for setting upright, filling, and closing open or closed folding boxes in the maximum speed range. In product feeding, up to 1,000 products per minute are achieved – with a maximum speed of up to 200 cartons per minute. The system is used for applications that require high flexibility and precision in pre-grouping products in display folding boxes, primarily in the confectionery and food industries. Cartons are set upright from flat blanks and filled with various accumulable and non-accumulable products in the desired pack formation. Thanks to its highly modular design, the CMT can handle a wide range of different layouts.

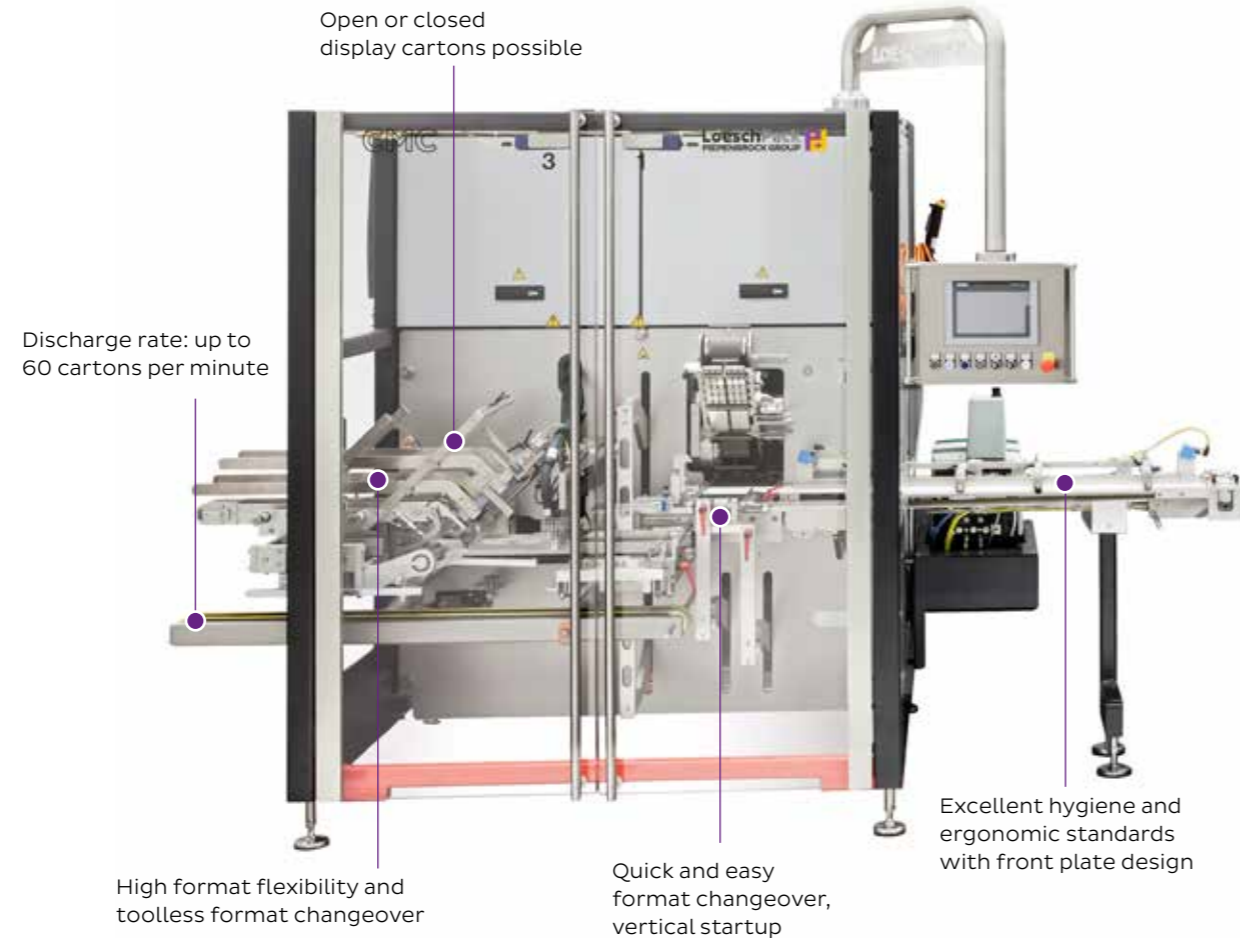


Cartoning system

CMC

Display cartoning machine

The CMC is a modular “wrap-around” cartoning machine in the high-performance range. This powerful display cartoning machine operates at speeds of up to 60 cartons per minute. It is used in the confectionery and food industry for setting upright and filling open and closed sales trays with various accumulable products such as roll or stick goods in a range of different pack formations. The machine platform’s excellent flexibility also enables the implementation of other applications.

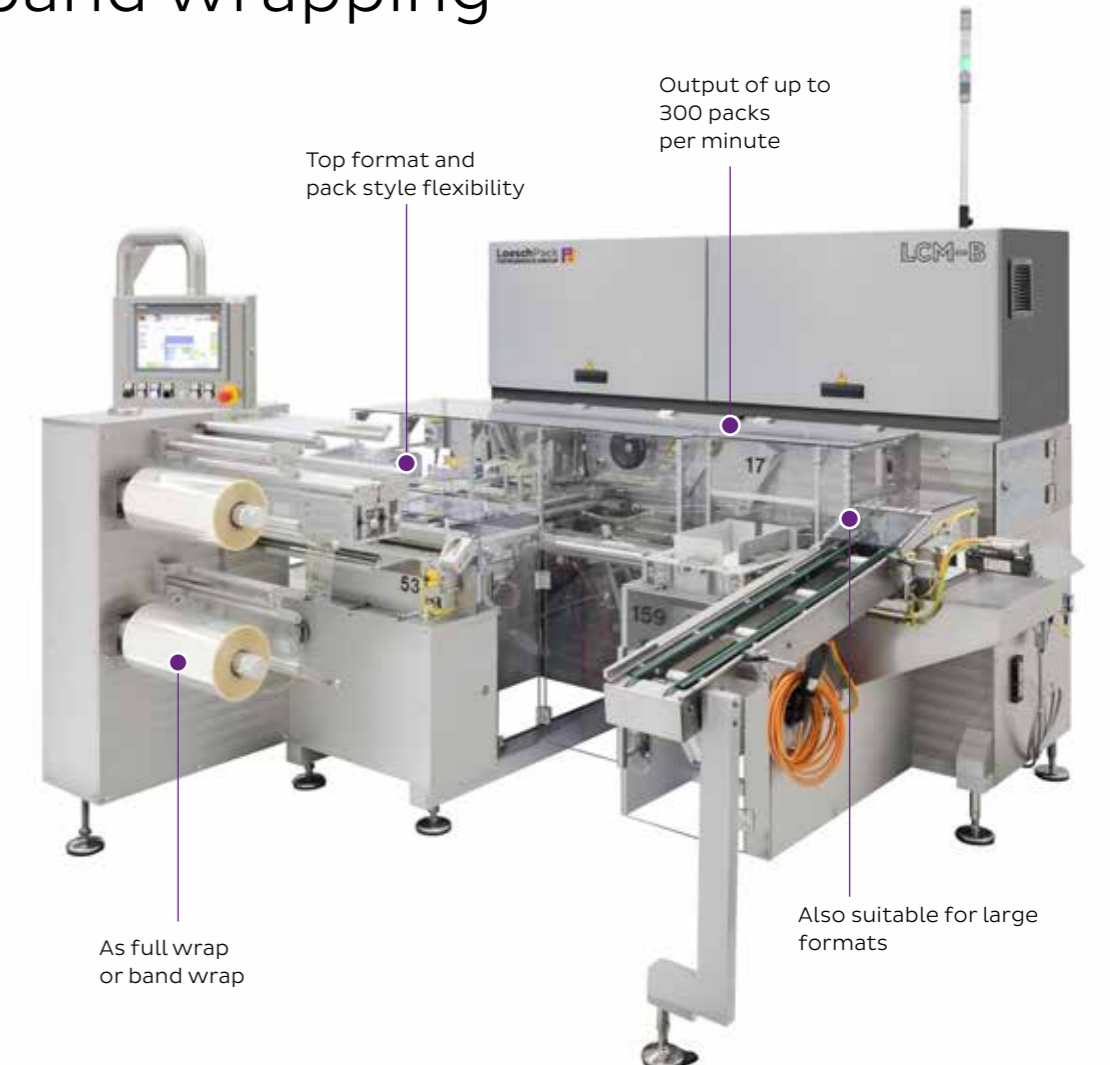


Full wrapping

LCM + LCM-B

Fold wrapping machine for full wrapping and band wrapping

The LCM is a fold wrapping machine for cellophane sealing of multipacks for band wrapping and full wrapping at high speeds of up to 300 packs per minute. The fold wrapping machine is used for the primary packaging of confectionery and dry baked goods, as well as food and non-food articles, and secondary packing of boxes, trays, blocks, or other round or rectangular packing goods. For band wrapping only, the machine is available in the LCM-B version.



System solutions

End-to-end solutions

LoeschPack develops and implements packaging machines and systems for processing various products such as chewing gum, confectionery, and chocolate along the entire value chain. The systems are designed for processes such as feeding, distributing, and buffering; primary, secondary, and tertiary packaging; and support of continuous line integration. The LS series produces customer-specific special solutions that address complex requirements in production and packaging logistics. The focus is on adaptable system concepts that take product-specific characteristics into account and enable flexible implementation of various packaging tasks. We take our bearings from your specific requirements. Let's make the best even better and work together in "Packaging your ideas..."



YOUR BENEFITS

- > Modular system concepts from a single source
- > Custom solutions with expert systems engineering
- > Interface integration across the entire packaging system
- > Fine-tuned system concepts with maximum efficiency
- > A single contact for your entire system
- > Service over the entire life cycle of your system



Flow pack packaging reimagined

From the buffer via the feeder, the bar packed in the flow pack arrives ready for the sales tray. And all the production steps are carried out from a single source. For this new development, LoeschPack focused on hygienic design, ease of operation, and a small footprint.

All machines are equipped with the new **"easyMI"** HMI (Human-Machine Interface) with an 18.5-inch touchscreen. Clear, simple visualizations and shortcuts ensure that users are fully supported at all times. Machine operators and maintenance personnel can now operate the machines more easily and access a wide range of control and performance components. They are also assisted by a new mobile service app that makes it much easier to contact our service specialists through a secure connection should the need ever arise. It's an attractive overall package – and equipped with everything needed for flexible and efficient production.



A turnkey solution for chocolate bars

Fold wrapping, compact and fast: The system is designed as a complete solution for packaging chocolate bars and takes the products directly from the upstream process via the LOMATIC. From there, the products are evenly distributed to the down-



LOMATIC feeding and distribution system

LOOP belt buffering system

stream fold wrapping machines for bars. To bridge short-term production fluctuations, a LOOP belt buffering system is integrated, supporting continuous material flow. Two LRM-S bar wrapping machines process larger bars with outputs of up to 450 products

per minute each and transfer them to the downstream CMT top-loading cartoning machines.

LRM-S fold wrapping machine

CMT top-loading cartoning system



Chocolate Napolitains perfectly organized



Around 4,000 chocolate napolitains per minute – volumes like that need to be organized. We therefore responded with an adept and powerful solution that involved the use of not just one, but a total of four primary packing machines: the LRM-S two-lane fold wrapping machines plus buffering and transport system insert the napolitains into the fold wrap.



Flow pack and fold wrap in one line



A large variety of formats and packaging materials are possible. Whether large or small bar, whether sealed flow pack or classic fold wrap. The line for packaging chocolate offers maximum flexibility and variability. The LO-MATIC stations reliably distribute the products to the packaging machines. The LTM-DUO or FHW-S efficiently take over the packaging.



Tightly sealed small bars in multipacks



Multipacks are very popular for tightly packaged small bars. But the classic fold wrap is used here in order to ensure a premium look and feel. The compact system for packaging small chocolate bars in multipacks features a high output and optimal protection of the product. The RCB-HS handles the tightly sealed primary packaging, while our CML takes care of the cartoning.



Chocolate bars flexibly wrapped



Gondola buffers can increase the efficiency of a plant. A complete system from a single source, with all interfaces clarified and the focus placed on smooth production. A row aligner with pull-nose ensures an adjusted product flow after the pouring line. Premium packaging is provided by three LTM-DUO machines with an open fold on the first station, optimized for alternative packaging materials.





Packaging system for chewing gum tabs



The GWT fold wrapping machine handles the primary packaging of Tab-Gum. The products are then grouped and fed to the FGT horizontal flow wrapping machine. This produces innovative 3-side-seal pouches – with an output of up to 800 packs per minute. The machine is directly connected to a display cartoner in order to manufacture a ready-to-sell display carton. Your system solution: our premium option in the high-speed range.



Packaging system for chewing gum tabs



Anything is possible – true to our slogan of “Packaging your ideas...” we work with you to develop unique packaging solutions that stand out from the crowd. One example is our solution for packaging rows of upright chewing gum tabs in aluminum foil with cardboard band. The machine is directly connected to a display cartoner in order to manufacture a ready-to-sell display carton. Your system solution: our creative variant in the high-speed range.



Medium-speed packaging system for chewing gum sticks



A Line combination consisting of the GWS-M fold wrapping machine for packaging single chewing gum sticks in aluminum-backed foil and band wrap, subsequent grouping, cartoning, and full wrap with the LRM-DUO. The machine is directly connected to a multipack cartoning machine in order to manufacture a ready-to-sell display carton. Your system solution: our entry-level variant in the medium-speed range.



Packaging systems for chewing gum sticks & tabs



The line combination consists of the GWS (sticks) or GWT (TabGum) fold wrapping machines for packaging products in a primary wrapper. These are then grouped and transferred to the two-stage LRM-DUO fold wrapping machine, where they are packed into innovative multipacks with subsequent cellophane wrapping. The machine is directly connected to a display cartoner in order to manufacture a ready-to-sell display carton. Your system solution: our premium variant in the high-speed range.



Pack styles

Ideas for your products

LoeschPack creates creative freedom for designing modern packaging in a wide variety of markets. Whether chocolate, cookies, long-shelf-life baked goods, granola bars, and other food and non-food products – the packaging machines and systems are designed for a wide variety of requirements in product protection, shelf life, format flexibility, and pack style. From primary packaging to cartoning through to secondary packaging in retail trays, system solutions are created that are precisely matched to the product and process. Together with you, we develop suitable machine concepts for different formats and output classes. This makes it possible to implement a technically suitable packaging solution for individual applications.



Primary packaging in flow packs

Individual packaging of products in flow packs – various packaging materials possible.



Bars in a carton label

Bars with or without additional ingredients. Inner wrap made of tightly sealed aluminum, OPP, or bio-polymer film. Outer wrap: cardboard label.



Bars in a paper label

Small format up to 300g, inner wrap of tightly sealed aluminum, OPP, or bio-polymer film. Outer wrap paper label.



Flow pack in carton

Inner wrap of flow pack, pre-packed. Outer wrap: cardboard envelope label, side tabs tucked in.



Small bar

Hermetically sealed or open fold. Or glued. Practical premium look and feel.



Granola and protein bars

Pack styles with cold or hot sealable film. Use of mono or composite materials, as well as paper and conventional plastics.



Chocolate napolitains

One or two packaging materials possible. Optionally glued, sealed, or open.



Other chocolate bars

One or two packaging materials possible. Full wrap of square or semicircular bars. Optionally glued, sealed, or open.



Multipack

Multiple chocolate bars. Pack that is upright or lying down, opening perforation for the lid.



Multipack

Several napolitains, mini bars, or even chewing gum. Grouped, placed in cartons, and wrapped in cellophane. It also works in a flow pack.



Roll packs

Round products on a roll. With one or two packaging materials. Packed in full wrapping or band wrapping



TabGum – chewing gum sticks

Individually in waxed paper, layers in half wrap. Resealable multipack carton with one or two layers.



TabGum – chewing gum sticks

Individually wrapped, grouped in layers. Resealable two-piece multipack carton with one layer in each case. Single or multipack in flow pack.



TabGum – chewing gum sticks

Individually in waxed paper, grouped upright. Carton band as opening aid, glued with laser-punched film.



Sticks, tabs, pellets in primary packaging

Individual wrapping in waxed paper or aluminum foil. Additional paper sleeve upon request.



Chewing gum sticks packed individually and in multipacks

Single strips in aluminum, optionally with paper sleeve. Multipack with tear thread, tightly sealed.



Chewing gum sticks in cardboard label

Individual sticks in aluminium foil, stack in half-wrap. Resealable carton with three stacks.



Multipacks for rolls and bars

Cellophane full wrap, end folding and longitudinal seam sealed. With tear thread.



Full wrap & band wrap

Large products or multipack. Full wrap in film. Or simply band wrapped



Carton for gum multipacks

Folding box tray without lid. Flat blank, set upright and filled.



Tray in flow pack

Products are placed in a tray and then further packed in flow packs.



Top-loading display carton

Filling and closing open or closed display cartons with accumable or non-accumable products.



Wrap-around display carton

Folding box carton with or without lid. Single or multi-row. Flat blank, set upright and filled. For accumable and non-accumable items.



Bars in display carton

Folding box display for chocolate bars with or without attached lid. Flat blank.



Special pack styles

“Packaging your ideas...” We implement your ideas. Contact us.

Service

Always there for you, wherever you are.

Your new machine from LoeschPack increases your production efficiency. We make sure things stay that way. Around the world, around the clock. You can reach us 24 hours a day on our international hotline. Our service is organized in regional service centers. Wherever you are – we'll be there.

Those who remain flexible find success. With upgrades from LoeschPack, your flexibility is ensured. Whether a glue head, printer, sensor, or modified software for different pack formations is required, you can make smart additions and expansions to your machines and systems over many years. Even complete format conversions for new pack styles and products are possible. The project workflow – regardless of whether it involves dispatch of a spare part or a custom development – is also precisely documented. All items and prices are listed in detail and explained. This gives you a constant and full overview

of orders, invoices, and services, as well as full cost control. LoeschPack ensures that you are happy with your system, both now and in the future. Our guarantee backs up this claim. Free repairs and machine parts – in original quality only – are naturally included if you make a claim. We guarantee the availability of original parts for at least ten years. But even after this time, we ensure that parts remain available. You can also extend the general warranty agreement with us. This means not only reliability on the technical level but also the ability to calculate costs precisely for many years ahead. Because we conserve natural resources in all areas of our company, you can rely on a sustainable solution in the truest sense of the word.



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- > Complete packaging lines with custom weighing and metering systems
- > Packaging lines for stackable chips
- > Product handling and distribution systems
- > Combination weighers
- > Flow wrapping machines
- > Sorting and packaging lines for stick products
- > Counting systems

End-to-end packaging solutions



	Feeding, distributing, buffering	Weighing and portioning	Primary packaging	Secondary packaging	Cartoning
Stackable chips	•	•	•	•	•
Hygienic design (food)	• •	•	• •	• •	•
Snacks and confectionery	• •	•	• •	• •	•
Sticks	•	•	•	•	•
Non-food	• •	•	• •	• •	•
Chocolate	•	•	•	• •	•
Granola bars and protein bars	•		•	• •	•
Chewing gum	•	•	• •	• •	•
Cookies and wafers	•	•	•	• •	•
Confectionery	•	•	• •	• •	•
Pharmaceuticals	•		•	•	•

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Product range:

- Complete packaging systems
- Feeding, distributing, and buffering
- HFFS flow wrapping systems
- Fold wrapping machines
- Cartoning systems
- Custom machine engineering

Sectors:

- Chocolate
- Chewing gum and confectionery
- Cookies and wafers
- Granola and protein bars
- Pharmaceuticals
- Food and non-food



Your ideas wrapped.

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