

> Packaging your ideas...

Packaging sticks and crackers.



03

Hastamat.



Hastamat develops and produces high-quality packaging machines and systems custom-tailored to suit individual customers' needs. This company stands for innovative, flexible, economical and sustainable system designs and for service available worldwide. Hastamat offers comprehensive solutions across the entire life cycle of the system – from the idea to engineering, construction and commissioning, on through to training and spare parts supply.

Your high-quality products will gain from perfect, efficient and sustainable packaging. Hastamat offers you innovative system solutions for this from a single source. Discover the opportunities that a cooperation with Hastamat opens up for your value creation chain. In after-sales support, our unique service organisation will assist you worldwide. We are part of the Piepenbrock Company Group, which is more than 100 years old. As an owner-managed family company in the fourth generation, we make a clear promise: to make our customers more successful in their business. We

regard you as a true partner, whose actual needs determine our actions. Thus new packaging ideas, experiences and suggestions flow into the innovation process and good things become even better. This is how we understand packaging your ideas...


Olaf Piepenbrock
Chairman,
Piepenbrock Group


Michael Schulze
Managing Director,
Hastamat


Marco Hinter
Director Sales &
Marketing, Hastamat



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Sticks and crackers.

When the concern is the packaging of sticks, snacks and cracker Hastamat has the special expertise, which the company has developed over decades as one of the leading machine builders in the industry. Today, global players and medium-sized manufacturers rely on Hastamat packaging machines and system solutions for their value creation chains.

Our employees are specialists with a great understanding of the challenges you face in your everyday production. And this on all levels of the company – from management to engineering to specialised employees. We foster this comprehensive understanding of our work in a climate of great individual responsibility. Flat, transparent hierarchies ensure short decision-taking paths and quick decisions. Continuous project management and the incorporation of all participating areas allow maximum transparency, quality and slim processes. You can trust in our machines and solutions in your value creation chain. We call this corporate excellence.

FACTS & FIGURES

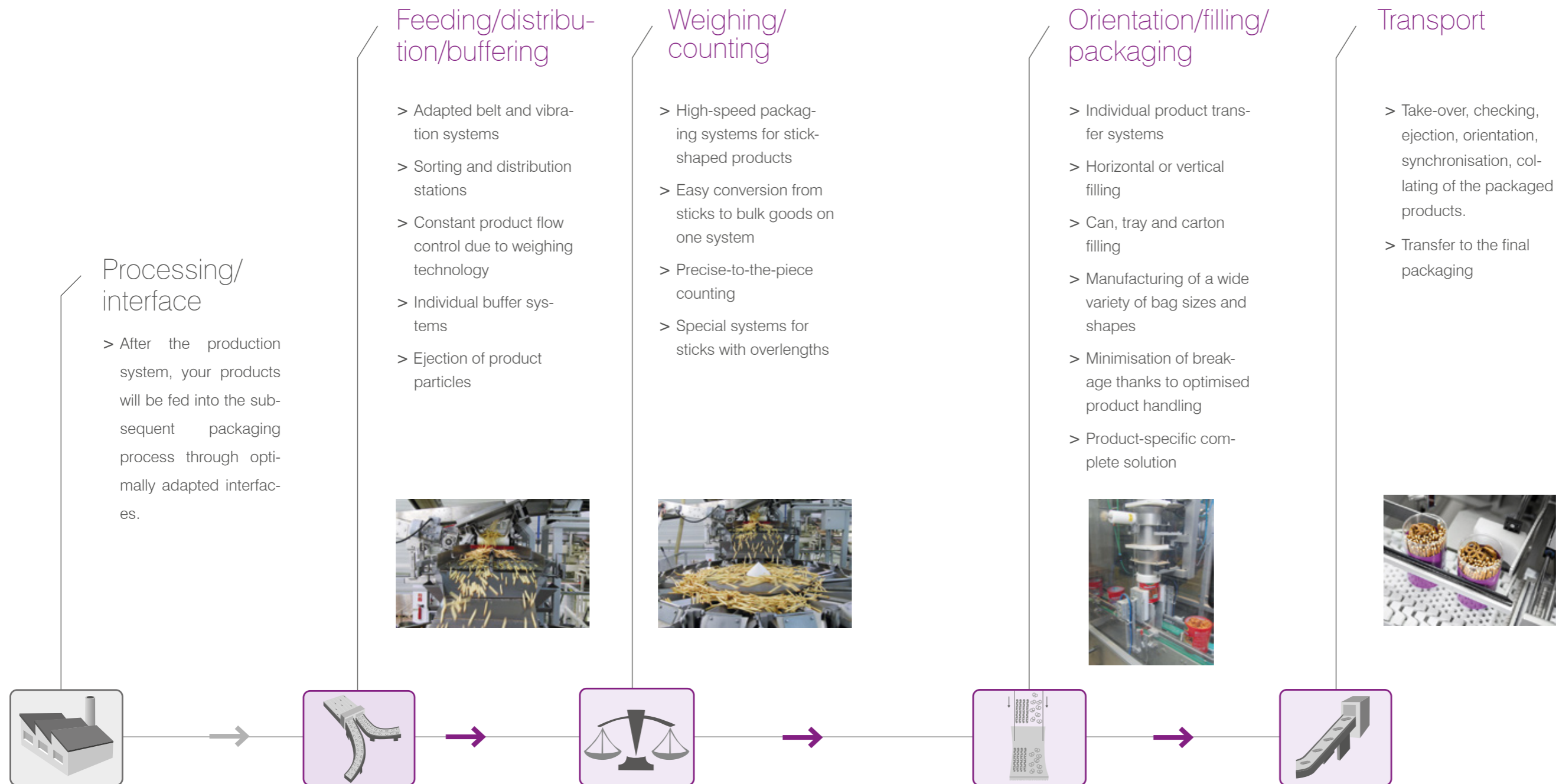
- > **Year the company was founded**
1953
- > **Delivery of the first packaging line for sticks**
1975
- > **Number of employees**
110
- > **Headquarters**
Lahnau
- > **Locations**
USA, South America, Ukraine, Russia, Thailand, more than 50 sales and service partners around the world
- > **Export share**
approx. 80 %



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Sticks and crackers in the packaging process.

07



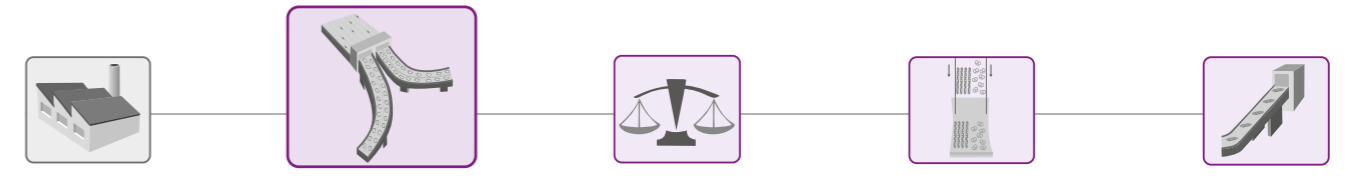


Feeding, distribution and buffering.

Product handling

At the outlet of the customer's production system, the products are taken over by our transport systems. Depending on the product, various stations are integrated into these transport systems, such as cooling, ejection of product particles, orientation, detection. Hastamat's buffer systems guarantee trouble-free production with automatic return of the products to the packaging process. The gravimetrically-controlled distribution systems and buffers minimise product damage, increasing the productivity and efficiency of the whole system. Via our feedback control system, we guarantee a constant product stream to the packaging process at all times. The individual data ex-

change with the customer's BDE system allows complete monitoring and control of the packaging process at all times.



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Weighing and counting.

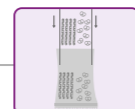
Multihead weighers

The multihead weighers of the CP series are high-performance units for the precise weighing and counting of piece and stick-shaped products. The patented dosing process increases the output for stick-shaped products by up to 40% compared to conventional weighers. Clever: Thanks to a simple change of the format parts, sticks and bulk goods can be weighed or counted on the same weigher.

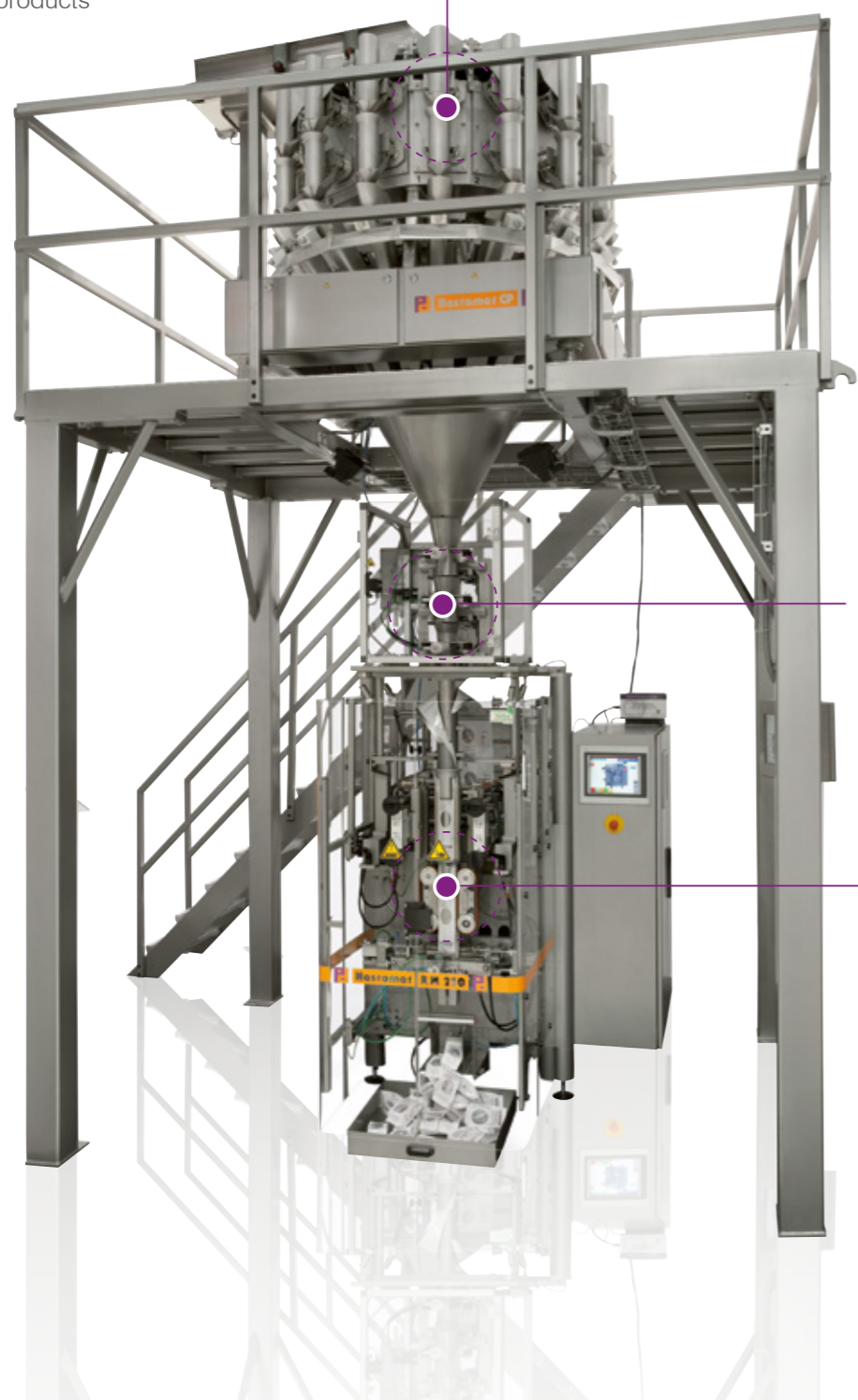
Up to 220 times per minute, sticks and crackers are portioned securely.

Counting systems

The high-performance counting systems of the ZA series are optimally designed for the gentle and precise counting of high-quality, sensitive stick products such as chocolate sticks. By using synchronised bins, special bucket conveyors, feeding chutes or belts, the products are fed into the modular counting stations. Packaging-specific transfer systems transfer the portions to the packaging machines.



Easy conversion for weighing stick-shaped products



Maximum product protection even at high speeds

Highest format- and packing flexibility

Orientation, filling, packaging.

Form, fill and seal machines

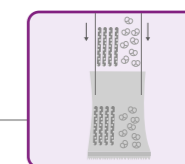
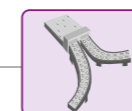
With the innovative new developments of the RM series, Hastamat offers the continuous vertical form, fill and seal machine for sticks and crackers. These machines' low installation height guarantees maximum product protection even at high speeds. All drive elements are clearly separated from the product side. Thanks to the outstanding accessibility for format changes and cleaning, the RM series offers special convenience. These stainless steel machines are also optionally equipped with special applications for sticks. With these packaging machines, which feature outputs of up to 250 bags per minute, we address all format ranges and bag shapes.

Transfer systems

Hastamat's core competence is individual product handling. Our transfer systems with cascades, rotary plates, pivoted bins and swivel transfers guarantee a gentle, compact and oriented transfer of the products. Hastamat provides the reliable interface to all packaging machines and shapes.

FACTS & FIGURES

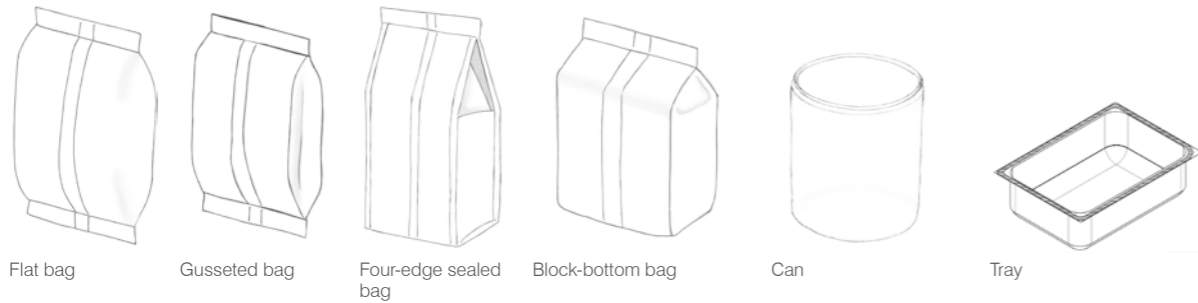
- > Packaging of especially fragile products
- > High output
- > Reliable processing of sensitive wrapping materials
- > Efficient dust protection



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Packaging styles.

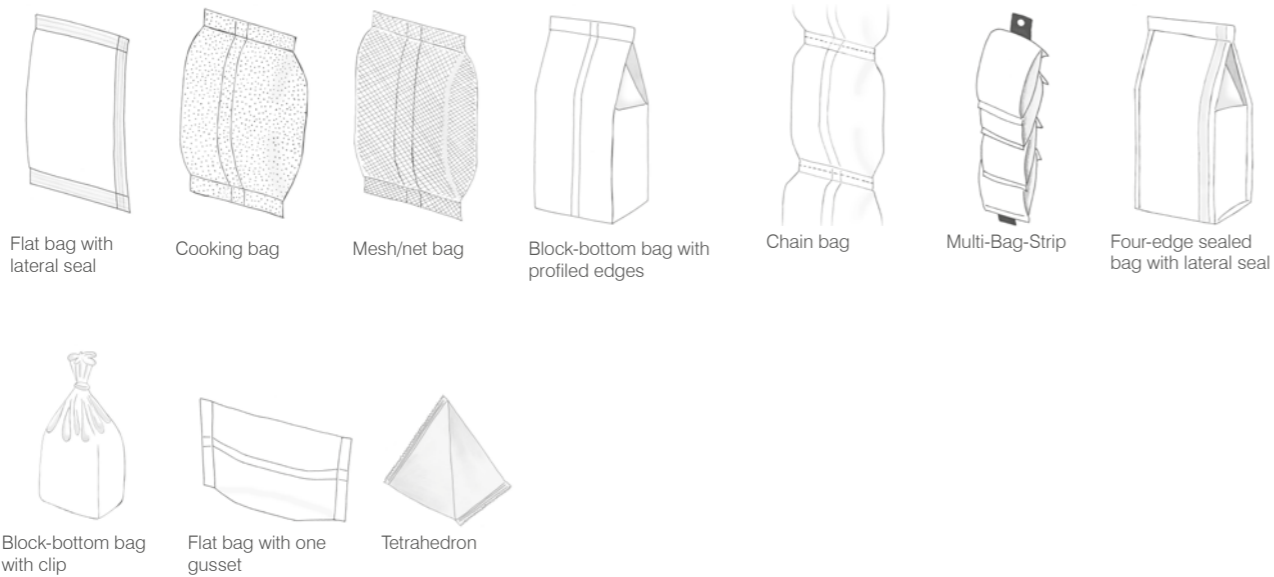
Basic styles



Top seals



Specials



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Packaging styles.



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More. Value.

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Cost. Advantage.

The acquisition costs are only the smallest part of the production costs over the life of the machines. Highest output and efficiency reduce costs in the long run.

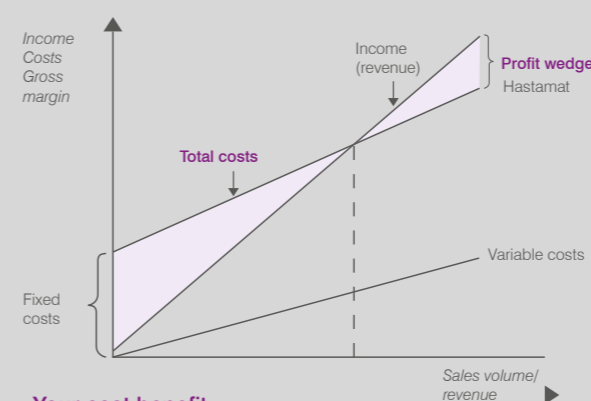
Production costs account for the largest share of the total cost of ownership of your packaging system. We help you reduce the costs where they arise. This way, you can do more. Value.

Innovation, technology and quality

With your selection of Hastamat packaging solutions, you're on the right track. This guarantees the highest machine quality - „Made in Germany“ from Lahnau. Our solidly trained workers with many years at the company stand for technical expertise and maximum in-house production depth.

Hastamat packaging machines allow the extremely gentle dosing of sticks and cracker. Easy handling and quick conversion times increase your flexibility in primary packaging. Hastamat systems package reliably and completely automatically within the production-typical properties of natural products. Hastamat's unique hygienic design concept guarantees a packaging process with the highest hygiene standard.

MANAGING COSTS



Your cost benefit

Thanks to the premium overall performance of machinery and systems from Hastamat, your up-front costs rapidly pay for themselves over the term.

Get a handle on production costs

Hastamat packaging machines and systems stand for the highest quality, output, and therefore for the highest efficiency. With fully automated packaging machines for sticks and cracker, you will reduce your personnel costs in production to a minimum. Thanks to the precise weight dosing in each individual package, you will give away less product, significantly reducing your „give-away“. We will ensure that your packages will have no underweights and also will have no underfillings. Hastamat guarantees an optimal production process.

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Pre-Sales service.



Professional teamwork

Customers around the world value Hastamat's expertise when it comes to especially difficult challenges. During the cooperation, innovative machine variants are created, and entirely new packaging approaches, which offer innovative possibilities in goods presentation and clearly improve product convenience.

Together with our experienced technicians, you can test machines with us and train your personnel extensively. With original material, we create samples and conduct test runs - also with your formats. Using the data thus gained, we analyse the economic aspects

and feasibility of the task at hand. Naturally we also check for improvement potential and make suggestions about packaging design, for example with respect to types of openings, material combinations and machinability.

Carbon neutral packaging. Sustainability.

At the Piepenbrock Company Group and at Hastamat, sustainability plays a central role. With the motto „carbon-neutral packaging“, Hastamat summarises its ecological engagement, which the company uses to position itself as a sustainable machine builder. Thus for a few years already, Hastamat has been a „first mover“, offering CO₂-neutral packaging machines. Through climate protection projects, the company offsets the emissions that are released during the value creation process. An official certificate confirms this. In addition, the Piepenbrock Company Group has planted more than 51,283 trees in the Piepenbrock Forest in Rheinshagen, thus guaranteeing the CO₂-neutral operation of packaging machines in customers' produc-

tion. In research and development, Hastamat focuses on the consistent reduction of consumption and the technical optimisation of packaging machines for the use of biologically degradable films. The sustainability report of the Piepenbrock Company Group informs in detail about sustainability management at Hastamat.



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After Sales.

Always there for you!

Your new machine from Hastamat increases the efficiency of your production facilities. Hastamat ensures that this doesn't change. Around the world, around the clock. Our service organisation and our service program means we are nearby, wherever you are. You can reach us 24 hours a day on our international hotline. Our service is organised in regional service centres. Wherever you are – we'll be with you right away. The one who remains flexible wins. With upgrades from Hastamat, your flexibility is ensured. You can smartly add to and expand your machines and systems over many years.

Complete format conversions for new pack styles and products are even possible. The project workflow – regardless of whether it's shipping of a spare part or individual 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.

„Our focus is on the customer. That's why you can always reach us and our service team will be available for you – worldwide!”

Anette Drescher, Director After Sales



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Sales.

HASTAMAT
PIEPENBROCK GROUP
Lahnau | Germany

PPT UKRAINE
LOESCH PACK • HASTAMAT
Kiev | Ukraine

PPT UK
LOESCH PACK • HASTAMAT
Ringwood | United Kingdom

PPT RUSSIA
LOESCH PACK • HASTAMAT
Moscow | Russia

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Adresses.

PPT USA
LOESCH PACK • HASTAMAT
Wando, SC | USA

PPT ASIA
LOESCH PACK • HASTAMAT
Bangkok | Thailand

PPT FRANCE
LOESCH PACK • HASTAMAT
La Flèche | France

LOESCH PACK
DDC SWITZERLAND
Koblenz | Switzerland

HASTAMAT
PIEPENBROCK GROUP

> Packaging your ideas...

- > Complete packaging lines with individual dosing and weighing systems
- > Packaging lines for stackable chips
- > Product handling and distribution systems
- > Multihead weighers
- > Vertical form fill and seal machines
- > Sorting and packaging lines for stick-shaped products
- > Counting lines



<https://www.hastamat.com/locations.html>

Packaging solutions from a single source:

	Feeding, Distribution, Buffering	Primary packaging	Secondary packaging	Tertiary packaging	Pick & place	Weighing and dosing
Stackable chips	•	•	•			•
Hygienic Design (Food)	• •	• •	• •	•	•	•
Snacks & Sweets	•	•	•			•
Sticks	•	•	•			•
Non-Food	• •	• •	• •	•	•	•
Chocolate tablet	•	•	•	•		
Chocolate bar	•	•	•	•	•	•
Chewing gum	•	•	•	•		•
Dry baked goods	•	•	•	•	•	•
Confectionery	•	• •	• •	•	•	•
Pharmaceutical industry	•	•	•	•		

• LoeschPack • Hastamat

Parent and sister company:

Piepenbrock
seit 1913

Piepenbrock Unternehmensgruppe
GmbH + Co. KG
Hannoversche Straße 91-95 · 49084 Osnabrück
Phone: +49 541 5841-0
Fax: +49 541 5841-338
e-mail: info@piepenbrock.de
www.piepenbrock.de

- > Facility Management
- > Cleaning Services
- > Maintenance
- > Mechanical Engineering
- > Security Services

LOESCH PACK
PIEPENBROCK GROUP

Loesch Verpackungstechnik GmbH
Industriestraße 1 · 96146 Altendorf
Phone: +49 9545 449-0
Fax: +49 9545 449-500
e-mail: sales@loeschpack.com
www.loeschpack.com

- > Feeding systems
- > Robotic pick and place systems
- > Tray loading systems
- > Fold wrapping machines
- > Roll and stick wrapping machines
- > Horizontal flow wrapping systems
- > Carton erecting and filling machines
- > Complete packaging lines

> Packaging your ideas...

Sticks and crackers packaged.



HASTAMAT 
PIEPENBROCK GROUP

Hastamat Verpackungstechnik GmbH

Naunheimer Straße 57

D-35633 Lahnau

Phone: +49 6441 6009-0

e-mail: info@hastamat.com

www.hastamat.com