> Packaging your ideas...

Packaging in Hygienic Design.
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

Marco Hinter
Director Sales & Marketing, Hastamat
When the concern is the packaging of fresh and frozen food, 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.

<table>
<thead>
<tr>
<th>FACTS &amp; FIGURES</th>
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<tbody>
<tr>
<td>&gt; Year the company was founded</td>
</tr>
<tr>
<td>1953</td>
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<td>&gt; Delivery of the first packaging line</td>
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<tr>
<td>1961</td>
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<tr>
<td>&gt; Number of employees</td>
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<tr>
<td>130</td>
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<td>&gt; Headquarters</td>
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<tr>
<td>Lahnau</td>
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<tr>
<td>&gt; Locations</td>
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<tr>
<td>USA, South America, Ukraine, Russia, Thailand, more than 50 sales and service partners around the world</td>
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<td>&gt; Export share</td>
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<td>approx. 80 %</td>
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Fresh and frozen foods in the packaging process.

Distribution/buffering

The distribution system takes over the fresh or frozen foods and conveys them to the individual packaging lines. Here the products are distributed gently, buffered and continuously fed to the subsequent packaging process.

Weighing/counting

Hastamat’s weighing systems guarantee precise portioning of all products for the subsequent filling of the package. Prevention of underfilling and minimisation of the „give-away“ optimise the manufacturing process. Alternatively, depending on the product type, our systems can also dose precisely down to the piece.
Transfer

Specially adapted transfer systems allow flexible combination with thermoform, tray sealing or form, fill and seal machines. Format changes on these servo-controlled transfer systems can therefore be carried out quickly and without tools. The transfer systems are optimally designed for quick and effective cleaning in order to avoid unnecessary downtimes of the packaging system.

Filling/packaging

The Hastamat Hygienic Design concept is also used consistently in our form, fill and seal machine series. The stainless steel design of the machines combined with optimal accessibility guarantees the secure, quality-compliant filling of bags of various forms and materials.

Transport

> Take-over, checking, ejection, orientation, synchronisation, collating of the packaged products.
> Specially adapted transfer to the final packaging.
Feeding systems

The fresh and frozen foods are fed from individual Hastamat distribution systems. The special construction of the individual elements is optimally designed for cleaning in wet areas and guarantees short downtimes even during product changes. The connected buffer systems guarantee trouble-free production with automatic return of the products to the packaging process. Hastamat’s distribution and buffering systems minimise product damage and increase the efficiency of the entire system.

Transfer systems

Hastamat’s core competence is individual product handling. Our transfer systems with cascades, rotary plates, pivoted bins and swivel transfers guarantee the gentle, compact and oriented transfer of the products. In addition to the transfer in its own form, fill and seal machines, Hastamat also provides the reliable interface to all packaging machines and shapes in the Hygienic Design.
Hastamat CP-HD series

The fresh or frozen food is fed by the distribution system into the Hastamat combination weigher of the CP type series in Hygienic Design. Our combination weighers are high-performance units for the precise weighing and counting of a wide variety of products. The separation of the electronics from the frameless machine housing optimises accessibility and reduces cleaning effort. The execution of the machines in IP 65 protection class is specially designed for operation in wet areas. The control cabinet separate from the weigher can be positioned anywhere, also outside of the product area. With just a few motions, all format parts can be removed for cleaning or changed without tools during a format change. For easy operation of the system, the control for our transfer system is integrated into the weigher’s display.
Hastamat RM-HD series

With the innovative new developments of the RM series in Hygienic Design, Hastamat offers the continuous vertical form, fill and seal machine for fresh or frozen foods. 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 maintenance and cleaning, the RM series offers special convenience. These stainless steel machines are also optionally equipped with special applications for liquid dosing or special protective gassing. With these packaging machines, we can address all format ranges and bag types with high performance and we allow the use of a wide variety of packaging materials.

FACTS & FIGURES

> Packaging of fresh or frozen foods
> High output
> Reliable processing for heatsealing and PE-welding processes
> Greatest cleaning convenience
> Designed for wet areas
14 Packaging styles.

**Basic styles**
- Flat bag
- Gusseted bag
- Four-edge sealed bag
- Block-bottom bag
- Can
- Tray

**Top seals**
- Round hole
- 3-fold Round hole
- Euro-hole
- Carrying handle
- Tear-open notch
- Labyrinth seal
- Information strip

**Specials**
- Flat bag with lateral seal
- Cooking bag
- Mesh/net bag
- Block-bottom bag with profiled edges
- Chain bag
- Multi-Bag-Strip
- Four-edge sealed bag with lateral seal
- Block-bottom bag with clip
- Flat bag with one gusset
- Tetrahedron
15
Packaging styles.
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 fresh and frozen food. 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.
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.

MANAGING COSTS

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 fresh and frozen food, 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.
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.
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 47,000 trees in the Piepenbrock Forest in Rheinshagen, thus guaranteeing the CO₂-neutral operation of packaging machines in customers’ production. 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.
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
## Packaging solutions from a single source:

<table>
<thead>
<tr>
<th>Service</th>
<th>Stackable chips</th>
<th>Hygienic Design (Food)</th>
<th>Snacks &amp; Sweets</th>
<th>Sticks</th>
<th>Non-Food</th>
<th>Chocolate tablet</th>
<th>Chocolate bar</th>
<th>Chewing gum</th>
<th>Dry baked goods</th>
<th>Confectionery</th>
<th>Pharmaceutical industry</th>
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<tbody>
<tr>
<td>Feeding, Distribution, Buffering</td>
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<td>Secondary packaging</td>
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<td>Tertiary packaging</td>
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- LoeschPack
- Hastamat
Adresses.

> Packaging your ideas...

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

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

Parent and sister company:

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www.piepenbrock.de

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> Cleaning Services
> Maintenance
> Mechanical Engineering
> Security Services

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> 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...

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