

handtmann
Ideas for the future.

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**OUR TECHNOLOGY FOR
OUTSTANDING ANIMAL
FEED PRODUCERS.**





YOUR PRODUCTS – OUR TECHNOLOGY

Pets are more than just companions – they are member of the family who deserve to be given tender love and care and, above all, a diet that supports their health and vitality. This is an approach that is widely embraced by pet owners these days. As a producer of high-quality animal feed and pet food, however, your focus must also be on cost-effective production as well as flexible and automated processes. Working alongside you in this dynamic industry sector, we offer the perfect technology for realising your product ideas.

We are the experts when it comes to modular process solutions for the production of a wide range of pet food products, such as cooked wet food, dosed fresh meat and clipped or tied sausage-shaped products, but also treats in a wide variety of shapes and from the most diverse raw materials.

A lot of intensive research and development work goes into our technologies. We understand the importance of balanced nutrition, quality of raw materials and precision of the processes in production. Our systems and machines are designed for efficiency and sustainability without compromising safety and the quality of the end product. All to ensure the perfect realisation of your ideas.

OUR EXPERIENCE FOR YOUR INNOVATIONS

Since the company was established in 1954, Handtmann has made a significant impact and managed to take the core technologies of filling and portioning to a technical premium standard for the food industry. We are experts in handling foodstuff for both people and animals and understand the specifications and challenges that have to be dealt with in this sector. Place your trust in our many decades of know-how and our technology “Made in Germany”.



FROM PRODUCT PREPARATION THROUGH TO PACKAGING

We are happy to support you with our expert knowledge and excellent technology. We are experts for:

MIXING:

Handtmann Inotec mixing technology is perfectly suited for the quick and homogeneous thorough mixing of viscous to highly viscous products. The different models with paddle shafts, spiral shafts or screw shafts are optimally adapted to the respective application.



GRINDING AND EMULSIFYING:

Handtmann Inotec grinding and emulsifying technology guarantees powerful chopping and grinding of a wide range of products. From the entry-level model for medium-scale producers to the industrial high-performance variant.



PORTIONING AND DOSING:

Fluid, pasty or chunky: Handtmann technology lets you dose a wide variety of products into the most diverse containers. We opt for maximum portioning accuracy to achieve economically efficient production and uniform, high-quality products.



FORMING AND CUTTING:

Pellets, sticks or bars: treats of all shapes and sizes tap into further market potential in the pet food industry sector. We provide application solutions with countless flexible product options with respect to shape, design, consistency and texture.



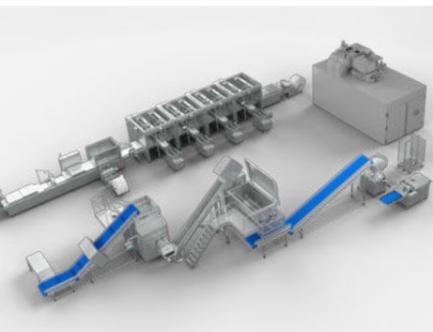
LINKING AND HANGING/CUTTING:

Sausages and sausage products: we ensure reliable linking, optional hanging or cutting as well as perfect downstream processing. With weight accuracy and equal lengths guaranteed!



LINE SOLUTIONS:

We are also the ideal partner when it comes to combining and interconnecting all these functions. Handtmann Line Solutions (HLS) stands for perfectly coordinated, highly automated and smooth-running complete line solutions.



WE HAVE MORE TO OFFER:

YOUR ADVANTAGES AT A GLANCE

- Leading technology for highly efficient and economical production solutions, featuring high capacity coupled with low costs
- Excellent portioning accuracy combined with significant cost reduction and sustainable conservation of resources
- Variable solutions provide scope for flexible use in line with fast-moving trends and changing market requirements
- Uncompromising quality for maximum availability and low operating costs
- Handtmann hygienic design lays excellent foundation for food safety at the highest level

OUR TECHNOLOGY FOR YOUR PERFECT WEIGHT

For us, gentle and with accurate weights already starts with product feeding. This is why we rely on a combination of synchronised auger and flow-enhancing hopper outlet for our vacuum fillers.

As complex as the technology behind it may be, as simple is the operation of the machines. Central control via the display is quick and intuitive. Colour display, icon language, 300 product memory locations, around 30 freely selectable languages with quick language switching and an integrated help and diagnostic system render everyday operation child's play and ensure consistently high quality.

What's more, our technology likes to get wet. Its hygienic design allows fast and thorough cleaning with low-pressure equipment.



On request, we can also deliver a mobile version of our vacuum fillers.

PORTIONING ACCURACY ORIGINATES FROM HANDTMANN

The centrepiece of all Handtmann vacuum fillers is the vane cell feed system. It is the secret to the exceptional portioning accuracy and extraordinarily gentle feeding of your product. We guarantee continuous and uniform filling of the feed system cells throughout the entire production process. This is essential for the desired first-class weight accuracy and maximum product quality you are aiming for.



FROM THE RAW MATERIAL THROUGH TO THE PACKAGING

Everything from a single source: In addition to the filling and portioning technology matching your requirements, we can offer well established and sturdy technology for product preparation and packaging. This includes our Handtmann Inotec grinder, synchronised mixing technology and emulsifiers.

THE PERFECT GRINDER FOR EVERY APPLICATION

We opt for a new generation of high-performance industrial grinders. The three grinder models have been designed for medium-scale to industrial-scale feed and pet food production lines. These models can be used to grind or mince both deep-frozen blocks and fresh raw material with a capacity of up to 9 metric tonnes per hour in continuous operation (13 mm).

Our proposal:

- Maximum flexibility in production thanks to the use of a universal cutting set
- Continuous, reproducible process thanks to consistent feed capacity and digital process monitoring
- Wide range of applications thanks to a variety of blade and final hole plate options



Handtmann Inotec grinder IW 250

THE RIGHT MIX MAKES ALL THE DIFFERENCE!

Our Handtmann Inotec mixers are perfectly suited for a wide range of applications. This technology offers the optimum shaft configuration for almost any mixing material. The optimum mixing geometry and the variably adjustable mixing from gentle to intensive always ensure the optimum mixing result.

Our proposal:

- Optimum, consistent mixing results for fluid to highly viscous products thanks to individually adaptable process steps
- Wide range of applications thanks to diverse options, such as heating/cooking, cooling, vacuum and metering
- High economic efficiency due to a compact, closed system with extremely short mixing times



Handtmann Inotec VarioMix IVM 500

THE SECRET TO HIGH- QUALITY PET FOOD!

Our portfolio includes powerful grinding and emulsifying technology for a wide variety of products. All fluid to viscous products, even with firm, viscous or fibrous contents, are powerfully ultra-fine ground, homogenised and emulsified.

Our proposal:

- First-class products through a modular 1- to 5-stage cutting system with precise position setting and automatic cutting set adjustment
- Cost reduction through high-performance and high-quality cutting sets with long service life and wear compensation
- High economic efficiency due to continuous process with consistent results through permanent monitoring of cutting position and cutting tools



Handtmann Inotec vacuum grinder I-iT-V

PERFECT DOSING BY HANDTMANN

Our depositing systems let you fill fluid to pasty products with accurate weights precisely and flexibly into all types of containers, such as trays, jars, cans or cups. Rely on our fully automatic and multi-lane production processes all the way through to the packaging solution. It is our contribution to the economical and continuous production of your raw or cooked wet food products. Even whole chunks of meat and vegetables are preserved thanks to the gentle portioning. Put your trust in our expertise and therefore in perfect dosing by Handtmann!



SV 424 cutting valve

Our proposal:

- Excellent weight accuracy thanks to accurate-to-the-gram portioning
- Clean, exact separation of portions with chunky products
- Maximum product quality thanks to a gentle dosing process



PERFECTLY SHAPED PET FOOD

Sticks, bars, nuggets, pellets or rewarding treats in-between meals: we savvy them all and can produce them fully automatically and profitably. Our forming systems allow products of diverse cross-sections made from a wide range of raw materials such as meat, vegetable proteins or even insects. Cylinders, sticks, 3D shapes or special shapes such as stars or hearts, and much more, leave nothing to be desired.

Talk to us, and we will identify the suitable process for your product idea. Accurate-to-the-gram portioning including reliable product depositing onto conveyor belt, racks or trays.

On request, our vacuum fillers and forming systems can also be easily integrated in existing or new lines, including a suitable packaging solution. We offer perfectly harmonised technology from the raw material to the packaged end product.

Give it a try and discover the first-class quality of the reward sticks produced on our machines.

Our areas of expertise include:

snack sticks with insect protein, meat bars, dental cookies, dried meat bites, and much more. Rely on a proven process:

- Pre-chopping of initial materials using Handtmann Inotec grinder IW and Handtmann Inotec emulsifier
- Mixing of raw materials in the Handtmann Inotec VarioMix
- Continuous forming and cutting on up to 24 lanes directly onto racks with subsequent drying



Thanks to the use of high-quality components in our machines, they not only feature advanced, cutting-edge technology, but are also designed for longevity and are particularly resilient. With us, you can produce 24/7, highly efficient and with excellent quality. We offer individual modules for deployment in different applications or for reliable integration as an interface solution in complete lines.



Possible shapes include bars, sticks and various special shapes



FS 510 forming system

EFFICIENCY THROUGH AUTOMATION

For process-reliable industrial food and animal feed processing, we offer perfectly coordinated, highly automated and smooth-running complete line solutions: the Handtmann Line Solutions (HLS). We create optimised processes, increase output and reduce costs by means of automation.

We develop, plan and realise complete solutions specially tailored to your requirements. In doing so, we combine strong components to form holistically designed, innovative overall line solutions. Perfect harmonisation of your individual process steps.

With us as your partner, you reduce interfaces and thus increase your productivity. The combination of the broad Handtmann product portfolio and close cooperation with technology partners enables us to offer reliable beyond-standard solutions.

We are your solution partner with line and process expertise. Get in touch!



ROOM FOR YOUR IDEAS AND THEIR IMPLEMENTATION

Not sure whether your filling product or product is suitable for our machines? We are confident that it is, but nevertheless would be happy to convince you face-to-face in a practical test. Because, not only are we usually on site with our customers worldwide, but are more than happy to have it the other way around and invite you to come to us. Our international technology centres are the perfect place to work with our specialists to test and optimise the production of your products and product ideas using state-of-the-art machine technology. Pay us a visit and let us turn your ideas into solutions.

We offer:

- 4,000 sqm space and equipment to put your product ideas into practice
- EU approval for foodstuff in accordance with the latest food legislation stipulations
- Mapping of complete production processes, from recipe to packaging
- Handtmann expert team with know-how and experience



FIRST-CLASS SERVICE FOR FIRST-CLASS MACHINES

Our global customer service is always there for you and supports you in maintaining the intrinsic value of your Handtmann machines. Our specially developed service concept ensures that you get the service you need at the time you need it. Benefit from our maintenance contract, which ensures that your Handtmann technology is always kept up-to-date and is available at all times.

- Specialist telephone consultancy
- Commissioning with briefing
- Maintenance and service by professionally trained service technicians with many years of Handtmann experience
- Full service contract
- Spare parts service

MAINTENANCE PAYS OFF

Our maintenance programme comprises an extensive check of the technical condition, the configuration of your machine settings and, if necessary, the replacement of wearing parts. Continuous maintenance lets you keep track of the machine's technical condition and you are given suggestions for other preventative measures, if required.

You thus optimise your production and meet product quality standards, you safeguard your investment and maintain the resale value. Make use of our maintenance service to ensure smooth production with excellent machine availability levels and perfect product quality.

- Optimised productivity
- Fewer unexpected downtimes



HANDTMANN = ADDED VALUE FOR EVERYONE

We take things one crucial step further and offer additional services perfectly matched to our excellent technology. Our goal: Create added value for you so you can remain flexible and respond quickly to evolving market trends and changing customer needs.



MY IDEA.

Handtmann Customized Solutions and Handtmann Line Solutions:

When standardised solutions reach their limits, it is time to find customised approaches. We develop perfectly customised solutions tailored to specific production processes.

Technology centres:

This is where we offer room for your ideas and support with our expert knowledge and state-of-the-art technology: trials, testing, optimisation.

Consumables:

Handtmann original consumables such as cutting sets and strings will get the optimum out of your machines. Improved product quality, increased production output and reduced costs per unit.



MY SOLUTION.

Handtmann Digital Solutions:

Securing economic production today requires not only highly productive machines and systems, but also intelligent digital solutions. Embarking on your digital transformation – step by step and at perfect ease with Handtmann Digital Solutions.

Remanufactured machines:

Handtmann machines are fully dismantled and professionally overhauled in our dedicated remanufactured machine centre in Zittau. 6-month manufacturer's warranty included.

Financing solutions:

We offer state-of-the-art technology and straightforward financing options at excellent conditions from a single source.

Service support:

Our service and partner network is available worldwide. Around the clock and with an extensive stock of original spare parts – fast and competent.