

GET TO MARKET SMARTER AND GET TO MARKET FASTER!



Twelve like-minded companies, with decades of combined experience giving you simple and streamlined access to the very latest industry has to offer, in terms of raw materials, formulation, processing, filling, transporting, sterilizing, loading, packaging and palletising... all of which can be tailored, developed, scaled and installed to match your precise needs.


ALL THROUGH
A SINGLE POINT OF CONTACT!

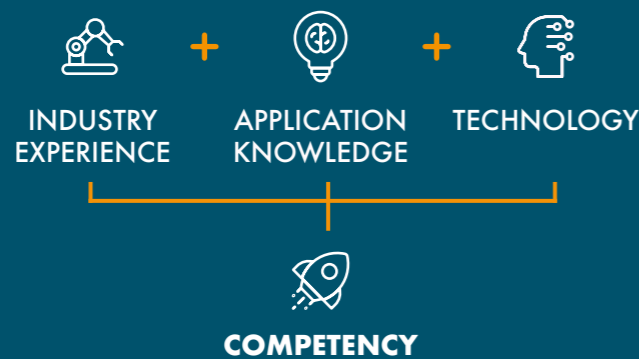
OUR PETS EAT AS WELL AS WE DO.


840
million dogs and cats kept
as pets globally


\$192,51 BN
Global revenue in 2024 predicted to be


8,54%
CAGR (2024-2029)

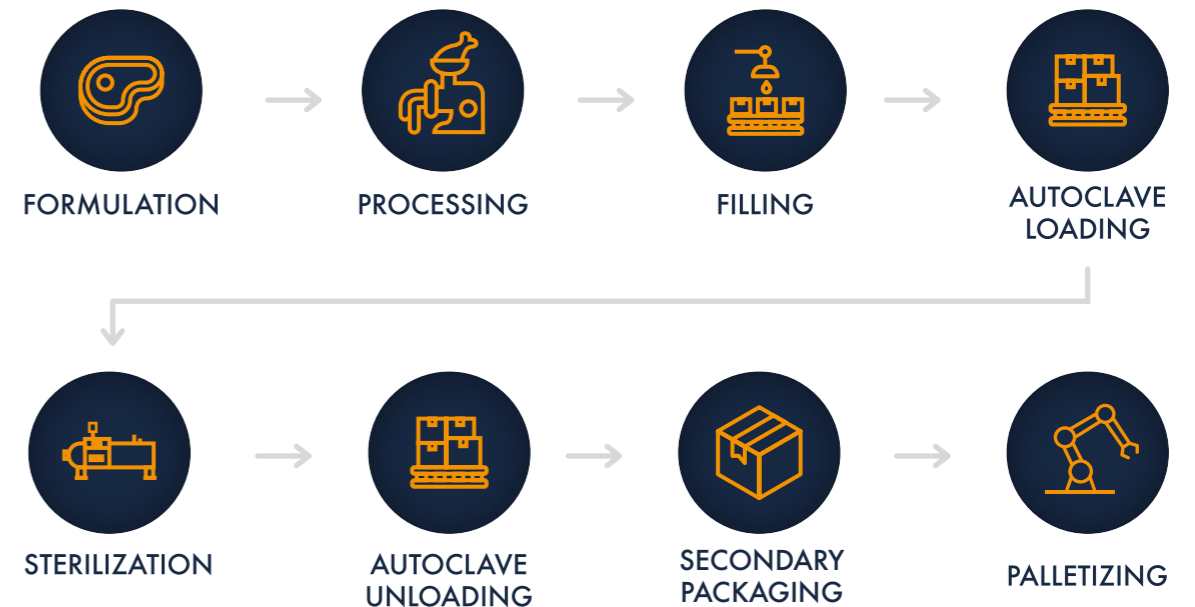

Volume growth of
30%
in 2019-2023



Source: Statista
www.statista.com

MANUFACTURED MACHINES, EQUIPMENT, SERVICES, PRODUCTS.

WET



DRY





COMPANY INFORMATION

Headquartered in Graz, Austria, ANDRITZ is an international technology group and a leading global supplier of plants, equipment, and services for a wide variety of industries.

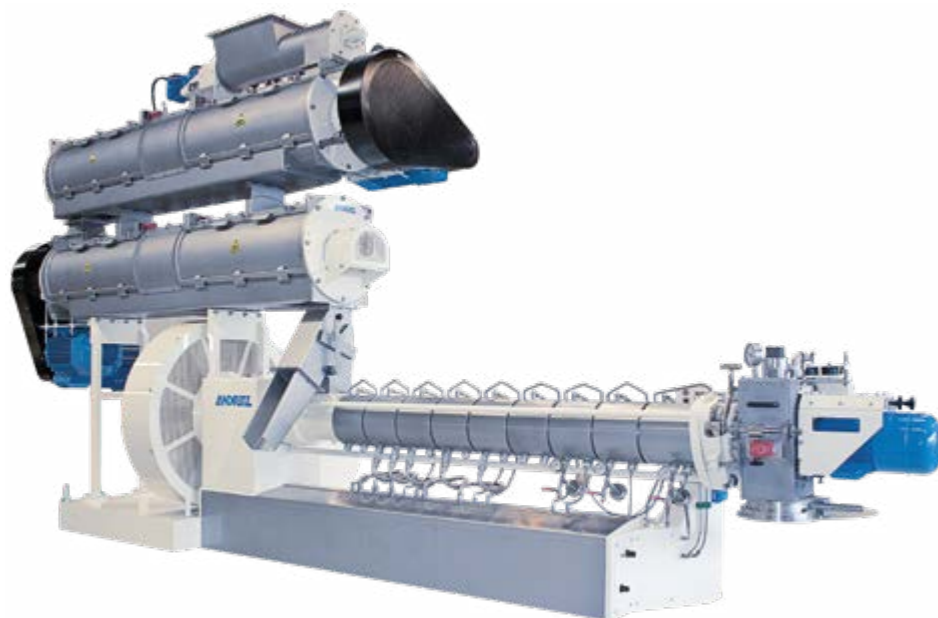
With over 280 production sites and service/sales companies and 27,232 employees worldwide, ANDRITZ offers more than 180 years of industry experience.

For the pet food industry, ANDRITZ offers a full range of processing machines and equipment – from raw material intake to finished feed bagging – as single units or complete plant solutions.

The individual process machines offered are selected from the standardized and proven range of ANDRITZ product families.

ANDRITZ is the perfect partner for the design, engineering, supply, and construction of your pet food process line and offers upgrades for existing facilities and solutions for greenfield plants, which are handled either in cooperation with regional suppliers and contractors or as turnkey solutions.

Pet Food Processors who choose ANDRITZ realize greater opportunities



The company's experienced project managers, process engineers, and experts from specialized functions ensure that the performance will meet your expectations.

The company focuses on providing optimum pet food quality at the lowest possible operating costs and with specific attention to:

- Precise feed composition
- Highly consistent pet food pellet quality regarding size, shape, surface, colour, and density
- Pet food pellets with a high rate of absorption and retention of liquid fat and digest ingredients
- Consistent and uniform pellet dryness
- Processing with careful attention to retention of essential nutrients
- Optimization of energy consumption

KEY MACHINERY AND PROCESS PLANT

- **Hammer mills:** for grinding, shredding, and fluffing.
- **Weighing systems:** for precise and fast weighing.
- **Single and twin-screw extruders with preconditioning:** for the production of high-quality extruded aqua feed pellets. **Combi-zone dryer:** optimum drying of the extruded feed pellet.
- **Paddle mixers:** fast and efficient mixing. **Cooler:** prevent pellet decay and prep for storage.
- **Vacuum coater:** add up to 15 individual liquids.
- **Pocket feeder:** steady and uniform supply of material for the hammer mill.
- **Automation and process control:** highly advanced automated control systems for single machines and complete plants.
- **Air density separator:** separate denser materials from the grinding stream of the hammer mill.
- **Rotary feed dressers:** ensure proper cleaning and dressing of dry-mash feeds and soft feed ingredients.



A FULL-SERVICE OFFERING

1. Full product and service portfolio
2. Feasibility studies
3. Due diligence studies
4. Pre engineering and rough design
5. Detailed engineering
6. Project management
7. Project supervision and installation
8. Plant automation and controls
9. Process operator training
10. Full documentation
11. Technical competencies and access to experts to support you.
12. Extensive global aftermarket service



www.andritz.com/feed-and-biofuel-en
andritz-fb.dk@andritz.com

COMPANY INFORMATION

Established in 1981, Cama Group is a rapidly growing and leading supplier of advanced technology end-of-line packaging machines and robots.

Continuously investing in innovative solutions, the Cama Group offers completely integrated packaging lines, from primary packages up to final packaging ready for palletizing, serving industries including food (bakery, confectionery, coffee, ice cream, dairy, ready meals, grocery & pet food) and non-food (personal, health & home care).

The Group has six subsidiaries around the world (U.S, China, Australia, France, UK and Northern Europe) and invests more than 5% of its annual turnover into R&D, including the development of class leading Industry 4.0 solutions, which include process virtualisation, engineering and machine commissioning.

Cama is in the perfect position to help pet food companies – both large and small – to realise greater efficiencies through the automation of packaging operations.

Multiple food styles, portions and formulations require ultimate flexibility from secondary packaging machinery



Supporting the industry for over 15 year, Cama has helped many companies across the globe absorb the impact of changing market dynamics, including the natural progression of packaging – starting with cans, onto trays, into pouches and back to cans again.

It has also addressed the multi-flavour issue thanks to tightly integrated and highly flexible automation infrastructures and in-house-develop robotic pick-and-place systems.

The pet food industry is always laying down packaging challenges that centre around the need for flexibility coupled to efficiency.

Cama has a unique portfolio of technologies that covers the breadth of packaging concepts and packaging formats.

Thanks to this spread, it can offer best-fit solutions, rather than a compromise based on a limited offering. In fact, in many cases, Cama can suggest two or three packaging concepts and then work with the customer to define the strategy and technology that fits their needs precisely.

NEXT-GENERATION TECHNOLOGY

From a technology perspective, Cama's Breakthrough Generation (BTG) solutions are setting the standard in secondary packaging.

The BTG approach comprises modular, scalable frameworks that offer easy entry and access, coupled to a hygienic machine design.

Within this framework, contemporary automation solutions, including advanced rotary and linear servo technology, can be tightly coupled to in-house-developed robotics, to deliver the all-important flexibility and adaptability required by modern packaging operations.

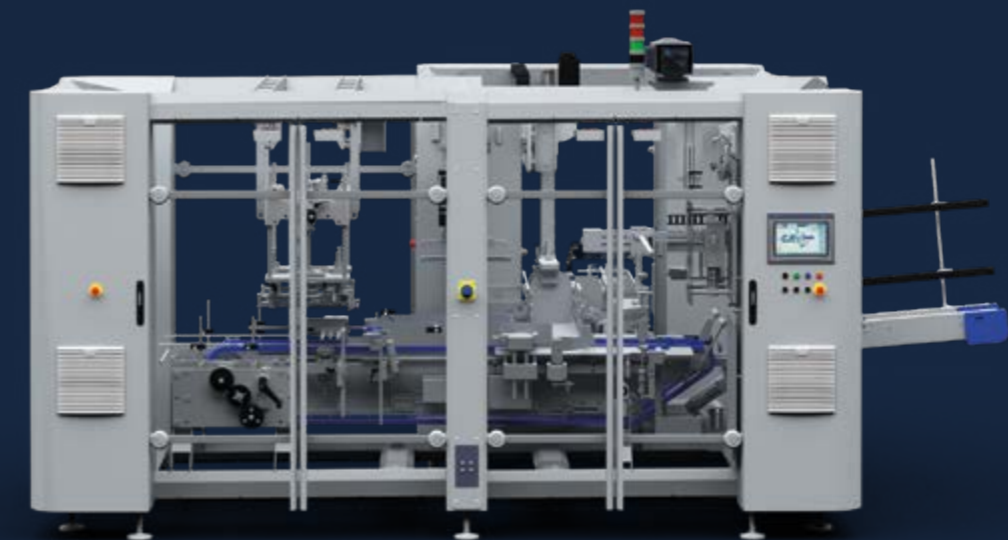
BTG machines are also based on a digital platform that supports full industry 4.0 capabilities, including AR, VR and virtual testing, training and operation. Even those with older machines, can benefit, as Cama's AR capabilities feed off the original 3D CAD data, which lives on its design servers.



PACKAGING SYSTEMS FOR THE PET FOOD INDUSTRY

Flexline for forming + top-loading delta robot unit + closing machines for multi flavour solutions

Wrap Around for single-flavour solutions
Cartoning for sideloaded of single and multi-flavour.





COMPANY INFORMATION

CEPI at the service of pet food: technology and innovation for forty years.

CEPI designs, manufactures and commissions bulk-handling systems for the storage, transport and dosing of raw materials, as well as fully integrated automation and technologies to complete all production processes. A family-run company with an international outlook, CEPI is based in Italy and operates globally, with offices in Malaysia to coordinate operations in the Asian market and a network of local partners spanning the five continents. Since 1985, we have worked with the most important companies from all sectors of food manufacturing.

CEPI's mission goes beyond assembling food machinery: we build turn-key installations that manage the production line from storage to dosing, all the while developing specialized solutions to match diverse and ever-changing needs across the planet. From technological diversification to personalized innovation, from bulk-handling equipment to data, we aim to provide systems that can be managed in total independence once commissioning is done.

CEPI designs, builds and installs turnkey systems for the storage, transport and dosing of raw materials, with integrated automation.

CEPI can design customized solutions for any ingredient requiring special treatment as well as installations for all types of pet food. From kibble to dry food, canned food, moist, semi-moist, lyophilized food, premix, and others. Hygienic and safe macro and micro storing and automated metering of lyophilized products, cereals, meat and vegetable flour, vitamins, mineral salts, proteins, fibres, and others. Our motto is: if your process needs it, we can do it. If we cannot do it yet, we will develop it, just for you.

We believe in build lasting relationships for lasting projects, through an ongoing conversation about all its aspects: from process and product analysis with hygiene and safety management and food technology support, to engineering and control, manufacture, commissioning, and service. All these stages are managed internally with continuity through all operations.

We take a long-term view when we design our systems, to create the most flexible solution for each food manufacturer. Our systems are turn-key and easily adaptable to any future change or expansion, making them extremely durable and fit for the circular economy. CEPI's process is optimized, sustainable and preserves the integrity of your beloved pet's food.

DURABLE, EASILY ADAPTABLE SOLUTIONS THAT ARE FIT FOR THE CIRCULAR ECONOMY

CEPI can design customized solutions for any ingredient requiring special treatments as well as installations for all types of animal feed. From kibble and other dry foods, canned food, wet, semi-moist, freeze-dried, premix and other foods.

When we talk about dosing, the Trimix micro-ingredient station consists of modular and extendable hermetic units and guarantees high precision and reliability. In addition to hoppers for proteins (such as pea fibre, spirulina, FOS) and aromas (orange, carrot, coconut, apple), our Blender, precise, fast and hygienic, also plays an important role, adapting perfectly to the creation of blends with minerals, vitamins and amino acids, such as carnitine, glycine, taurine. Thanks to the Blender, weighing, filtering and blending are in a single unit. It weighs the ingredient, separates the air from the product during pneumatic transport and finally mixes. The vertical mixer inside is a premix production system that guarantees maximum flexibility.



A SYSTEM TAILOR-MADE TO EACH USER'S SPECIFIC NEEDS

CEPI also offers solutions for dosing liquids, such as oils and lecithins, thanks to special tanks. Our big bag emptyers can play an important role in handling ingredients such as milk powder, whey or meat meal. Not only that: the CEPI offer includes multiple options for the internal and external storage of micro and macro ingredients, in stainless steel or antistatic fabric. Trevira fabric offers numerous advantages: silos have a higher degree of customization and the fabric prevents the formation of static electricity, optimizing food safety. The Trevira fabric guarantees an excellent balance between product and environment and lets the product breathe. The large exchange surface means that in the case of air-conditioned storage the temperature of the product adapts more quickly to that of the environment.



<https://www.cepilos.com/>

COMPANY INFORMATION

Established in 1987, Cleverttech Group is headquartered at Cadelbosco di Sopra, in the Reggio Emilia province in Italy and is supported globally by other operations in North America, China, France, UK, and South Asia.

This year, the company is inaugurating a new plant in Italy, which will take the total plant size up to 29,000m², and will provide a new logistic and quality control area.

Cleverttech's experience makes it an ideal partner for the design of integrated solutions for front and end of line; with a range of solutions that covers the food & beverage, home care, wine & spirits, pet-food and personal-care markets, where it meets the requirements of all major manufacturers of consumer goods.

The systems developed by Cleverttech Group can manage a broad range of packaging concepts, including PET bottles, pouches, full, bulk cans, ends, cases, and secondary packaging.

The company also designs and produces automated robots and shuttle systems for feeding autoclaves for the loading and unloading of basket used for pasteurization.

Cleverttech's focus on customer results is supported by its mechanical, electrical and software modularity, coupled to high application customization, including fully integrated upstream and downstream solutions, e-commerce solutions, single-layer palletizers, small-footprint technology and half & quarter pallets.

Based on Industry 4.0 concepts, all machines can be provided with digital documentation, a spare parts app, customized videos, diagnostics by area & by device and preventive maintenance routines.

The holistic approach makes Cleverttech a single supplier that produces a full end-of-line solutions that are fully integrated in terms of interface, electric design, safety design, software pack ML design, programming and TPM design.

The holistic approach comprises integrated solutions for front and end of line (EOL), and includes palletizers, product conveyors, labelling machines, stretch wrapping machines, strapping systems, pallet conveyors and data-tracing system.



RECENT SUCCESSES SHOWCASE CAPABILITIES

Over the last two years Cleverttech has installed and commissioned several solutions for multinational and market leaders in the pet food industry.

The systems installed included basket/tray loading-unloading, bulk palletization, bulk depalletization and palletization, pallet stretch wrapper application. All units are designed for autonomous operation without any human operator intervention.

Cleverttech also specializes in production of pet food packaging systems for pouches, including depalletisers and complete end-of-line palletization systems. Several applications were developed for multi-flavour packaging.



ECO VADIS BRONZE MEDAL FOR SUSTAINABILITY

The assessment considers the company's sustainability performance in four areas: Environment, Labour & Human Rights, Ethics and Sustainable Procurement.

The analysis shows that Cleverttech's performance is better than the average of companies operating in the same sector. This therefore constitutes grounds for further confidence for customers, and for those who contact the company for the first time.



COMPANY INFORMATION

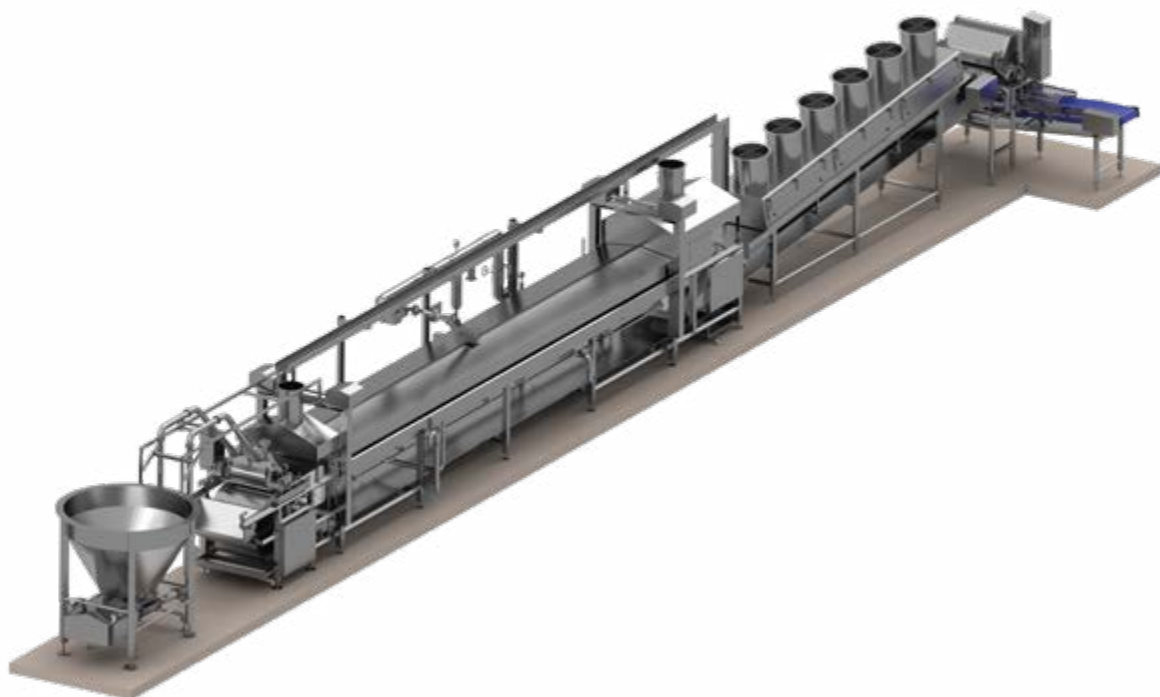
FTNON is a business unit of John Bean Technologies Corporation (JBT), a leading global technology solutions provider to high-value segments of the food processing and air transportation industries.

With more than 50 years of experience, JBT-FTNON is a well-known brand. With a global coverage (both sales and customer care) it can serve customers in all kinds of ways, with local presence and local build.

JBT FTNON equipment and process solutions are based on:

- In-depth knowledge of the challenges food processing companies face
- A strong in-house project and engineering team developing turnkey solutions
- High-end manufacturing and assembly of production lines and stand-alone machines for food processing
- Proven R&D with patented robotics and process technologies

"It all leads to the optimal condition of the end product."



Pet Food Technology

Over 50 years JBT-FTNON has built up vast experience in the field of wet pet food technology.

With a wide range of installations, its systems have been used very satisfactorily by many leading pet food manufacturers worldwide.

Thanks to its advanced pet food technology its customers have improved efficiency and optimized the quality of their products.

JBT-FTNON offers the most economical and effective way of processing, through steam technology. In combination with meat preparation, mixers, emulsifiers, breakers, hoppers, extruders and color injection, FTNON is the high-end partner in the industry.

PETFOOD PRODUCT PROCESSING PORTFOLIO

Product hoppers with pump systems

- 1 or 2 mono pumps (depending on color and recipes)
- Open system with easy cleaning method

Color dosing systems

- Direct injection
- Fluent integration in total line

Extruding

- Open hopper or pressure head
- Frequency controlled and custom-made dies
- Easy access for cleaning and maintenance
- Automatic lubrication system

Steaming

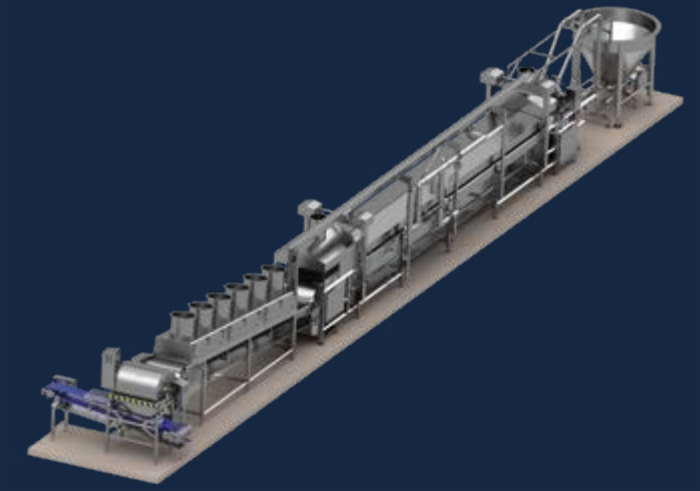
- Steam tunnels with stainless steel belt
- Steam tunnels with Teflon coated Kevlar belt
- Steam tunnels, type DCC

Cooling tunnels

- Closed systems
- Open systems
- Different kind of ventilators (f.e. SS304 executions)

Cutting units

- Regular and Irregular chunks
- Angle of from 0 to 45°.
- Up to 10 exchangeable cutting knives
- Easy access for cleaning and maintenance



WHATEVER YOUR NEED, JBT PROVIDES THE SOLUTION

Pet owners want the very best for their furry friends and JBT delivers.

Our experience in designing, manufacturing, and installing processing lines for moist wet pet food is second to none.

JBT has a solution for your Pet Food production needs.

- Preparing
- Steaming
- Cooling
- Cutting
- Filling and closing
- Pasteurizers & Sterilizers
- High Pressure Processing
- Sealing solutions
- Total solution integrator

Main Benefits of our systems

- Highly efficient systems
- Low utilities consumptions
- Improved and constant product quality
- Customized solutions

COMPANY INFORMATION

Our knowledge is working for you: Take benefit from the collective scientific knowledge, global innovation networks, industry experience, and market and regulatory expertise across the JRS group.

Our application experts collaborate with your product developers; our product managers share consumer insights with your marketing staff; our sustainability experts share information and ideas with yours to reduce impacts.

Much of our success can be attributed to an exceptional infrastructure employing industry experts and outstanding processes and procedures.

Technical Support:

JRS technical service personnel find solutions to customers' complex scientific problems, clarify customer opportunity areas as they emerge, and respond rapidly when technical issues arise.

Product Development:

JRS excels because of its fully outfitted commercial pet food lab that allows "real world" product testing.

Quality Assurance:

JRS supports its products with advanced quality assurance that runs from sales and customer service through manufacturing to transportation and delivery.

Laboratory Services:

In addition to assuring that products are made to precise specifications, in-house laboratories at all manufacturing locations provide research capabilities to assist with customer product development efforts.

Customer Service:

Our most important mission is to provide complete customer satisfaction. We know that we will be judged as a company not just by our products and services, but also by our organizational performance and responsiveness to customer needs.

The value we offer you goes far beyond supplying high quality fiber ingredients



INNOVATIVE DIETARY FIBER INGREDIENTS

Longstanding expertise in fibers

At JRS, we've been making high-quality fiber ingredients for humans and pets for more than 60 years.

All natural and sustainable

JRS sources exclusively from approved raw material suppliers with sustainability initiatives and environmental policies that include sustainable forest management and efforts to use fewer resources.

Function meets nutrition

JRS understands how to bring out the best qualities from each plant and offers a comprehensive product range with various types of plant-based dietary fibers.

Proven dietary fibers for pet health and well-being

JRS develops and produces fibers that support the well-being of pets. Clinical studies prove that our fiber-based solutions work more effectively than many other traditional fiber sources.

Your edge is our goal

JRS has strengthened its position as one of the top innovators in fiber-based ingredients for the global pet food industry. We use state-of-the-art technologies to precisely meet your needs for ingredient optimization.



A SERVICE BEYOND TODAY

At JRS we truly believe that we need to fully understand the value of our products for customers and pets around the world. Our Technical Competence Center can run comprehensive testing on current future customer products.

Beyond that, we have established a place where new or current customers can convert innovative ideas and technologies into products without the limitations of current production. For more than 60 years, JRS is a strong partner for the pet food industry.

This long-term relationship has formed our philosophy around customer satisfaction and health."

Torsten Trampe, Head of Technical Application.

www.crudefiberconcentrate.com

Torsten.Trampe@JRS.DE

COMPANY INFORMATION

For more than 70 years, KARL SCHNELL has been synonymous worldwide for innovative products from Germany.

The basis of all our work is a cooperation in partnership. This ensures that customer requirements can be combined optimally with KARL SCHNELL's technical and technological expertise. All machines and plants are subject to constant adaptation to new specific challenges of a hygienic, product-, process- and quality-related nature.

The product portfolio is almost completely developed, designed and built in-house. It ranges from machines for raw material intake, through mincing and fine emulsifying solutions, to filling systems. In addition, we use our knowledge and the technology transfer from the other areas of food processing for the diverse applications in the petfood sector.

Complex systems are created from individual machines - depending on the task at hand - that can process and manufacture a wide variety of products.

Due to the high level of vertical integration, KARL SCHNELL ensures production, independent of the market.

Flexibility meets technology



KARL SCHNELL employs around 300 men and women in the two plants in Germany and the subsidiaries in France, the USA, Russia and Romania. They are distinguished by their above-average qualifications and their commitment.

As an ISO 9001 certified company, increasing the efficiency and longevity of our machines and systems is our top priority. With modern products and our innovative process solutions, we support our customers in working more resource-efficiently and achieving their own sustainability goals.

KS benefits from its international positioning: the countries in which our company is represented already cover a large part of the global economic output.

So far, our specialists have installed thousands of integrated systems for a clientele that includes both small companies and global corporations that are active in a wide range of industries, including the fast-growing pet food industry. We focus our innovative strength on "Quality is our passion!".

We see considerable economic opportunities in holistic, intelligent solutions. Because they require not less, but more technology

CUSTOMIZED SOLUTIONS FOR A VARIETY OF APPLICATIONS!

KARL SCHNELL can supply systems in the appropriately designed size for manufacturers of any production volume.

Individual wishes, special space requirements, etc. are taken into account thanks to our high flexibility.

Every customer gets a tailor-made solution!

Pet food is usually produced in large quantities. Nowadays there is also a trend towards smaller production quantities with rapidly changing recipes. Our customers can also rely on the particularly robust and reliable machine park from KARL SCHNELL for these complex applications.

Our know-how and experience supports our customers not only with technical solutions, but also with technological assistance to optimise their processes.

KARL SCHNELL offers turnkey solutions for all areas of wet petfood production:

- Pâté & Chunks / Chunks-in-loaf CIL
- Chunks-in-gravy CIG / Chunks-in-Jelly CIJ
- A unique emulsifying solution for meat addition to the dry food process.



TAILOR-MADE TO YOUR NEEDS

Solution for Pâté & Chunks (OFM or natural):

Our product range covers pre-mincing, recipe dosing & mixing through to emulsifying. We supply formed-meat-chunk OFM systems, including emulsification, and pâté systems, including or excluding emulsification.

Solution for CIG / CIJ:

These lines provide a very high level of product quality together with reliable and cost-effective operation, coupled to solid construction, long lasting high performance and low maintenance costs.

Solution for dry petfood:

Fully automatic mincing systems produce the finest emulsions from almost any starting material. Afterwards, the fine and homogeneous emulsions are delivered for subsequent treatment in the dry pet food process.

www.karlschnell.de

eugen.joechner@karlschnell.de



COMPANY INFORMATION

MIAVIT GmbH is a family-owned company, founded in 1964, and now already operating in the 3rd generation. The name MIAVIT is an abbreviation for all important minerals, amino acids and vitamins that are contained in our pre-mixtures.

As a competent partner in the field of technological and nutritional feed additives, MIAVIT offers a high-quality and diverse range of products - in powdered form, in pastes, liquids and tablets as well as extensive service and support.

The MIAVIT pet food solutions cover

Premixes

Customized and easy to handle premixes of vitamins, minerals or functional ingredients for dry and wet pet food to create nutritional balanced complete feed.

Category 3 blends

Blends, containing dry animal by-products derived from category 3 material, being produced on a dedicated mixing line, which is completely separated from other production lines, providing our customers more freedom and flexibility with regards to storage and dosing capacity at their production facilities.

No compromises, but only investments in quality!

Gelling & thickening agents

Highly functional tailor-made blends of gelling agents and thickeners based on carrageenan, locust bean gum or cassia and even complete compounds, including very effective palatability enhancers for all different kinds of wet pet food like chunks in gravy/jelly, pâté or all meat products.

Antioxidants

Very effective liquid and powder formulations, containing natural and/or synthetic antioxidants like tocopherol and rosemary extracts, BHA, BHT, propyl gallate as well as chelators to protect feed materials and final feed from oxidative changes.

Private label supplements

Tailor-made complementary feed and special supplements in different application forms like powder, tablets, liquids or pastes.

Preservatives

Customized solutions for long-lasting microbiological product stability, especially for prone semi-moist products, treats and snacks.

Raw materials

Our customers can benefit from our diverse portfolio of feed additives and functional ingredients, giving the opportunity to take advantage of our one-stop-service.

MIAVIT IS HIGHLY COMMITTED TO OFFER OPTIMAL SOLUTIONS AND COMPREHENSIVE SUPPORT

With a global team of experts, MIAVIT has three production sites worldwide. Beside the headquarter in Essen (Oldb.) – Germany, MIAVIT produces high-quality products in Spain and Vietnam as well.

- Sales in over 80 countries
- Export quota of over 50%

MIAVIT's diverse and multidisciplinary team provides full service & support in all fields of the pet food production, including:

- **Technological consultancy** (set-up machinery and production lines)
- **Technical consultancy** (production processes and product applications)
- **Nutritional consultancy** (recipe design, feed formulation, nutritional requirements and physiologies)
- **Feed legislation & declaration**
- **Lab support** (comprehensive incoming goods control, vitamin stability, shelf life studies, evaluation of jelly/gravy product performance)



GREAT PRODUCTION CAPACITY & FLEXIBILITY

At the headquarter in Essen (Oldb.) Germany, MIAVIT takes up 18 ha with in total 20,000 m² production area:

Five powder production facilities, comprising numerous production lines for different powder products, are offering a production capacity of more than 150,000 tons/year.

Besides that, MIAVIT owns further production plants that are dedicated for:

- Liquid production in feed quality
- Liquid and powder production in food quality
- Fluidized bed for encapsulated active ingredients
- Choline chloride production in white & brown quality (only European sourced quality)
- Vitamin E powder production



www.miavit.com

Michael.Sommer@miavit.de

COMPANY INFORMATION

Precise, fast and cost-efficient.

For over 20 years, MultiWeigh has been at the forefront of developing and producing high-quality multihead weighers and specialized packaging solutions for industrial applications. Our commitment to innovation and quality "Made in Germany" has established us as a trusted partner in the industry.

Our extensive range of multihead weighers positions us as the market leader, particularly in meeting the specialized requirements of the food industry. At multiweigh, we pride ourselves on developing and optimizing our weighers to suit the individual needs of each customer and product. Whether dealing with pet foods, frozen foods, complex product mixes, difficult-to-handle items such as sticks, or fragile products, our solutions are designed for precision and reliability.

Additionally, we extend our expertise to many non-food products, ensuring versatility and broad applicability.

With almost two thousand machines installed worldwide, our extensive experience and technical know-how enable us to tackle a wide variety of specialized product applications. This expertise allows us to offer customized solutions that enhance efficiency and accuracy in your production processes.

In the realm of pet food manufacturing, multiweigh stands out as a renowned supplier. With more than 150 weighers operational in 16 countries across the globe in the pet food industry, we provide state-of-the-art equipment for both wet and dry pet food, as well as treats and sticks.

Our machines are designed to handle the unique challenges of pet food production, ensuring consistent quality and performance. By choosing multiweigh, you partner with a company dedicated to delivering tailored solutions that meet your specific needs. Our commitment to excellence and customer satisfaction drives us to continually innovate and improve, ensuring that you receive the best possible service and support. Experience the multiweigh difference and see why we are the preferred choice for leading pet food manufacturers worldwide.

Multihead weighers for industrial applications. Precise, fast and cost-efficient.

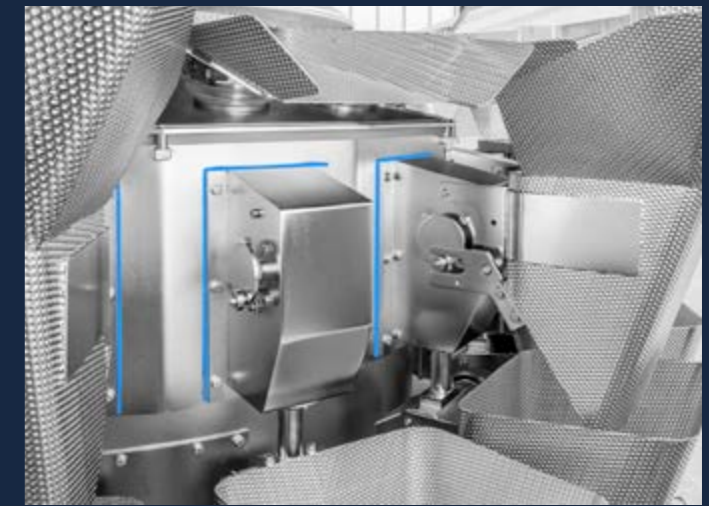
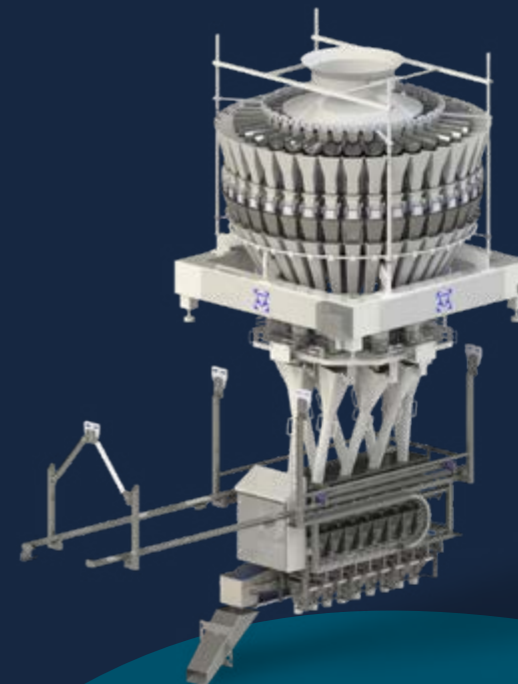


PROCESS CONTROL TECHNOLOGY

Through real-time calculation, multiweigh software delivers exceptional accuracy and speed with outstanding flexibility. Our weighers feature state-of-the-art touchscreens, offering menu-driven operator guidance for ease of use. An in-house team of electronics specialists and software developers ensures maximum flexibility and quality in the manufacture of process control components.

Key features include support for up to 1.500 product-specific recipes, multiple languages, self-diagnosis and error analysis, network capability ("Industry 4.0"), statistics and production data, operation data logging, and OPC-UA interface for real-time production data monitoring and integration into a higher-level control system. The software also provides continuous performance optimization, automatic taring, average value optimization, and optional communication with downstream checkweighers.

The remote maintenance option via VPN significantly enhances production reliability through faster response times and cost-efficient support from our service technicians. Additionally, a USB interface is available for user-friendly data backups.



DIRECT DRIVE MEETS HYGIENIC DESIGN

The Direct Drive System was developed especially for the multiweigh weighers and enables precise operation of the hopper gates without using any internal or external springs. This enables us to achieve increased accuracy and higher outputs.

Inclined surfaces in the frame design prevents product accumulation and allows cleaning water to drain off. Optionally, the scale may be executed in protection class IP69.

In addition, a precise controlled overpressure is generated in the scale frame and a heater can be installed to prevent condensation inside the frame.

Further there is an option to electro polish all parts of the machine to ensure that the surfaces are as smooth as possible.

The GMP-compliant design eliminates hollow spaces with completely closed welding seams.



COMPANY INFORMATION

Since its founding in 1908, Waldner has taken giant steps – from the Allgäu region of Germany – out into the world.

From a metalworking company into many diverse industries, including pharmaceuticals, chemicals, research, education, medicine, food, animal nutrition, analytics, automotive, industry and biotech.

The successful transformation into a global technology company is driven by people with strong innovative skills. 1,300 people in our headquarters in Wangen alone.

256 patents and over 110 years of experience is in our DNA. We are currently implementing solutions for more than 10 industries, developing and producing on an area of 65,000 m² and generating sales of over €260 million per year.

Individual solutions for filling technology



CAPABILITIES + STANDARDS = QUALITY RESULTS

The development of perfectly coordinated, balanced and appealing animal nutrition is a philosophy in itself today. And tough competition. You know it only too well.

This sector is forever coming up with new creations and looks. Whether jelly, gravy, pieces or dried food, served in plastic, aluminium, pouches or cans: we would be happy to pack your individual ideas in future.

Do you produce pet foods and are looking for innovative dosing, filling or packaging forms? Do you want to set new trends, try out other containers or sealing techniques? Or do you attach particular importance to a longer shelf life and an attractive look? Waldner looks forward to discussing your requirements.

Waldner offers:

- Processing and hygiene standards focus on the food industry
- The most diverse containers (pouches, plastic, aluminium & cans)
- All consistencies (jelly, gravies, small pieces, dry food, etc.)
- Hot sealing or ultrasonic sealing
- Different seals (sleeve lid, spouts, etc.)

www.waldner.de
dosomat@waldner.de



FULL-SERVICE CAPABILITIES

We have

- Rotary machines up to 6 lanes
- Inline machines up to 12 lanes
- End of line packaging

We fill

- Cups (plastic, alu)
- Pouches (with or without spout)
- Cans
- Glass/ jars

For products that are

- Chunks, gravy, jelly
- Pâté
- Petfood in loaf

Capacity

(Depending on the product and Containment)

- Pouches up to 30.000 Pouches/ hour
- Cups up to 30.000 Cups/ hour
- End of line packaging
- Cans up to 48.000 Cans/ hour

Special features

- Over 70 years of experience
- Various sterilization & cleaning methods (depending on customer/product needs)
- The latest servo technology
- Remote machine servicing

COMPANY INFORMATION

Founded in 2018, the TPG group of companies combines specific expertise, an outstanding technology base and an expanded global network. With over 150 years of combined experience, we help you find your individual packaging solution. In addition, we help you meet global environmental challenges without compromising on performance. We firmly believe: Sustainability and performance should go hand in hand! FAWEMA is a manufacturer of machines and lines for the filling and packaging of free flowing, dry products in the form of powders, granulates or chunks.

FAWEMA is active worldwide as a brand name for packaging machines and offers you the entire know-how of packaging technology. In addition to overall concepts and palletizing, FAWEMA is always open to new developments, applications and industries. In doing so, FAWEMA relies on collaborative cooperations as well as long-term and personal relationships. A world leader in free-flowing, dry products for over 100 years. Whether powder, granulate or piece goods, we supply packaging machines according to your individual requirements. FAWEMA can provide packaging from 500 g to 25 kg. The performance range is 20-110 bags/min.

One TPG. Three brands. One mission

HDG is one of the leading manufacturers for form, fill and seal systems for side sealed pouches. The whole packaging line is completely designed and produced at the company's site in Lindlar near Cologne. This way an excellent quality can always be achieved meeting even the highest demands, thanks to their highly qualified and motivated employees. HDG is a leading manufacturer of form, fill and seal systems for side-sealed and stand-up pouches between 0.5 g and 5 kg.

WOLF vertical form, fill and seal machines mainly pack products from the food, frozen, chemical, petfood, detergent and toy industries, as well as small none-food parts. Qualified and committed employees in all divisions at WOLF are working on exploiting efficiency potential for ever better packaging processes. Mechanical engineering expertise meets experience and knowledge to fulfil the exact requirements and quality expectations from our worldwide user markets.

WE TAKE PRIDE IN SUPPLYING HIGH QUALITY SOLUTIONS TO PET FOOD PRODUCERS WORLDWIDE

We deliver the best results for primary packaging for the dry petfood segment for both small- and large-format packs. These formats can be enhanced with a variety of additional technologies, handling the most complex and demanding bag solutions. Using unique continuous-motion technologies and 'low-touch' changeover, high and sustainable throughputs and efficiencies are easily achieved.

The TPG Group bundles leading technologies, VFFS and HFFS solutions from FAWEMA, HDG and WOLF. We always seek solutions that are kinder to our planet and have the capability to deliver machinery that is not only energy efficient, but also designed to work with the very latest mono-material and recyclable packaging. We firmly believe: Sustainability and performance should go hand in hand!



SMART SOLUTIONS FOR DRY PET FOOD MARKET

From a few grams to 25 kg and beyond, we have a machine for the pack style and size your market demands. Key to delivering the right machine for the job, is an in-depth knowledge of the market requirements and trends, combined with creating true partnerships with many customers all across the globe. From multinational to family owned, you can be sure of our capability to deliver a tailored solution. Utilising our local market resources from our locations around the globe, combined with expertise placed in our four manufacturing facilities, you can be sure of the best fit for packaging machinery. We take pride in our after-sales support, offering our customers the personal touch, no matter where they are in the world.



www.fawema.com
www.hdg-packaging.com
www.wolf-packaging.com
www.tpg-packaging.com
info@tpg-packaging.com

COMPANY INFORMATION

Founded 1893, REICH is Germany's oldest name in the field of thermal processing systems for food and is one of the leading providers worldwide.

Our drying, cooking, smoking, baking, cooling and maturing systems have been known for decades for their consistently high processing quality, the best production results and easy handling. It makes no difference whether you would like to process meat, fish, poultry, cheese, veggie products or pet food – REICH's engineers always find the ideal solution for your requirements.

Tradition alone does not make a good systems manufacturer. Rather, it is the foundation on which we base our future corporate development. It is our declared goal to generate added value for our customers and their products and processes through expertise and innovation.

We are a reliable, innovative and dynamic partner for the food industry.

The philosophy of our products is clear: uncompromising quality paired with the highest possible performance and efficiency. For this, we are willing to learn and improve every day.

The prerequisite for this is to know the exact requirements for our customer's products and processes. Only with this profound knowledge, intelligent solutions can be developed that actually offer added value every day. We succeed in this through the close cooperation between our engineers and process technologists, who have the exciting task of combining the two worlds of "engineering" and "food processing".

At the same time, we remain open and sensitive to new technologies and are ready to systematically promote our dynamic development of the recent years through further investments.

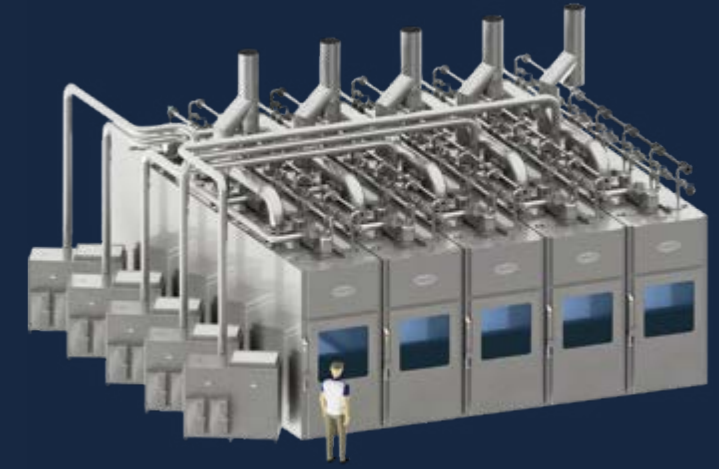
REICH employs around 130 men and women in our headquarters and production facility in Germany and in the subsidiaries in Spain and Russia. We are cooperating globally with sales and service partners and export around 80% of our products to customers on all continents.

EXPERTS IN PETFOOD DRYING

The demand for pet food, especially for dried snack products and pet reward items, is steadily increasing. The products are diverse and demanding in terms of processing. Efficient drying and proper heat treatment are therefore prerequisites for successful, tasty and sensory-appealing products. Decisive for sustainable solutions are resource-saving processes and economical production. Therefore, not only efficient systems of the highest quality are important, but also advanced concepts for odor destruction and heat recovery. Therefore, more and more customers rely on our know-how and one of our concepts in the production of processed pet food products.

For the pet food industry, REICH can supply different, customized batch ovens in all sizes for drying and baking of various products such as extruded snack sticks, extruded meaty treats or different kinds of meat by-products.

Regardless of whether you want to refine hanging or lying pet food products, we have the right solution for you. With an **AIRMASTER®**, thermal processing and even smoking become a pleasure! Excellent results, high production capacities, maximum flexibility and energy savings are just a few points on a long list of advantages that our **AIRMASTER®** series brings with it.



TWO CONVINCING CONCEPTS

The **REICH AIRMASTER® UK** has become synonymous with a well-engineered series of systems that meet the highest demands in terms of performance and ease of use. It works with vertical air flow and is designed for hanging products. A permanently further developed air flow system guarantees that the products are treated very homogeneously, with the shortest possible process times and that they only experience the technologically necessary weight losses. The **AIRMASTER® UK** thus sets new standards in terms of cost-effectiveness and guarantees optimum quality standards for the finished products.

The **REICH AIRMASTER® UKQ AIRJET** is the world's best performing cross-flow universal unit. This unique and extremely powerful system works with horizontal air flow and has been designed specifically for lying products on grids or in trays. Even with narrow floor distances and closely packed goods, a uniform air and heat distribution can be achieved with short process times using high loads. Air-dried snacks can be produced consistently on a trolley with up to 38 levels.



NOTES

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PCN MAIN CONTACT
WIM KRUIKEMEIJER
Senior coordinator PCN

Email: info@petfoodcompetencenet.com
Mobile: +31 62 08 79 337

