High quality cuisine for your pet

Meat preparation technology for wet, dry and raw pet food
To stay ahead in the competitive pet food industry, you need reliable equipment that enables you to benefit from new business opportunities. With roots that go back to the very start of the food processing industry, GEA is in the privileged position of having over 80 years’ experience. Such a rich pool of traditions to draw on means we have become true specialists in the areas we are active in, like the meat preparation technology for wet, dry and raw pet food.

Serving the pet food industry
Each solution is tailored to specific process needs, factory conditions and business objectives. We design our equipment to lower the cost per kilogram by enabling you to create quality products using competitively priced raw materials and efficient processes. We have a unique understanding of the pet food market and have installed numerous complete lines worldwide, all developed hand-in-hand with customers. We also supply packaging solutions, developed to keep your products fresh longer, reduce transport costs and provide eye-catching packages for supermarket shelves.

Meat preparation equipment and packaging solutions
Covering every step of pet food production, we have equipment for pre-breaking, grinding, mixing, batching, emulsifying, analysing, pumping and handling. The equipment is complemented by advanced software and packaging solutions in line with the latest retail trends.

Round-the-clock support
With a strong global presence, GEA is always close at hand to offer you service and support 24 hours a day. Our teams of highly skilled engineers provide extremely efficient maintenance and upgrading. Moreover, with customized service contracts, excellent field service and a reliable supply of spare parts, wear parts and tooling, we ensure your pet food production constantly runs smoothly.

Taking you forward
- Single supplier for complete meat preparation technologies
- Extended process and application know-how
- Innovative equipment with extensive line automation possibilities
- Comprehensive customer support and service contracts
- Software for monitoring, controlling and optimizing the process
Single equipment and complete automated lines

Whether you need a single machine to boost existing line performance or a complete solution for a new factory, GEA Food Processing & Packaging is the right partner for your meat preparation.

Contribution to your success

We are with you, every step of the way; from testing ideas to providing the machines and lines to put them in production. We’ll help you turn inspiration into income with state-of-the-art food processing technology. GEA has all the ingredients to help you lead in the global pet food industry with automated meat preparation lines or single equipment that offers the flexibility and versatility you need in a batch process.

Automated meat preparation for pet food

- Pre-crushing of frozen meat
- Powerful grinding
- Automated handling systems
- Tempered mixing of meat and ingredients
- Pumping of high protein mixes
- Emulsifying

Meat preparation for pet food

- Cutting, mixing and emulsifying in one machine (CutMaster)

Cutting, mixing and emulsifying, all in one machine

Meat preparation technology for

- Wet pet food
- Dry pet food
- Raw pet food

Grinding

Mixing

Emulsifying

Mixing of gravies and gels

Automated

Batch

Fresh meat

Pre-crushing frozen meat

Silo 1

Silo 2

Silo 3

Silo 4

Recipe management
Automated meat preparation

GEA offers fully automated production lines for meat preparation, ensuring consistent quality products and minimizing labor costs. Using buffering and belt transport equipment to distribute emulsion, premix or ground meat, eliminates the need for manual handling and storing.

Heavy-duty pre-crushing of frozen meat
Efficient pet food processing begins with crushing of frozen raw materials. The GEA BlockCrusher is fast, versatile and available in different sizes to break individual or multiple blocks, or complete pallet loads. Materials enter the machine via a conveyor belt or a lifting device. A clawed rotating shaft breaks the frozen material against a bridge of fixed claws, producing fist-sized pieces ready for high-capacity grinding.

- Single or double shafts
- Extremely sturdy design
- Flexible capacity due to variable shaft speed
- Flexible design of hopper extension and rack
- Significantly reduced noise levels

Powerful coarse and fine grinding
The GEA PowerGrind represents a new generation GEA grinders with improved capacity, hygiene and safety performance. These aspects are combined with high flexibility, robustness, and modularity, making the GEA PowerGrind a reference in its class.

- High capacity grinder for fresh and frozen products
- From coarse to extremely fine grinding
- Auto reverse function feeder auger that optimizes product flow

Tempered mixing of meat and ingredients
The way in which the product is mixed is critical to the success of the process downstream. Through many years of developing mixing technology GEA has perfected the process in the GEA ProMix.

- Robust, very reliable and flexible mixer
- Best distribution and absorption of liquids, spices and additives
- Most efficient cooling system with optimal process control for formed products

Gravy/gel systems
The GEA ScanGravy is an advanced mixing system with accurate temperature and cooling control. It continuously stirs the gravy or gel during storage to keep the mix sediment free. Based on modular units, you can expand capability by adding storage tanks, exchanging pumps and mixing venturi to accommodate different viscosity mixes.

- Perfect mixing of light gravies up to thick gels
- Modular and flexible design
- Fast and easy inspection and cleaning
- Low cost of ownership
- Improved yield due to optional gel cooling

Pumping of high protein mixes
The heavy-duty double-chamber GEA VanePump DC has a breaker screw infeed that enables pumping and transport without pre-breaking, even with frozen blocks and bones. The pump is also ideal for pump-grinder and deboner infeed, and gives high-pressure, pulsation free performance with all kinds of raw materials for pet food preparation.

- Pumps fresh and frozen raw material and bones
- High pressure and high capacity at low speed
- Double chamber provides constant pulsation free flow
- Low maintenance and low cost of ownership
- Breaks and pumps even frozen product

Emulsifying
The GEA EcoCut 225 is an efficient emulsifier for coarse and fine emulsions for paté, heatset chunks, slurries for extruded dry pellets and similar products. Its automatic knife-tensioning system ensures outstanding lifetimes for wear parts. Highly flexible, it is suitable for large bulk series as well as smaller just-in-time batches.

- Production flexibility from coarse to extremely fine particle reduction
- Low cost of ownership
- Consistent product quality
- Product structure, particle size and temperature increase are carefully controlled
GEA Food Processing has been setting the standards for bowl choppers in the meat processing industry. The GEA CutMaster has become the reference in the industry.

Cutting, mixing and emulsifying in one machine
The GEA CutMaster cuts, mixes and emulsifies all different kind of meat products from coarse to very fine. Optionally, products can be cooled or cooked. All processes take place within the GEA CutMaster and are, therefore, independent from peripheral equipment.

- Flexibility to handle many different types of products
- High productivity and reliability
- Excellent product quality
- Exceptionally fast TopCut VSH knife head system
- Running under vacuum for denser emulsions without air inclusions
- Very high filling level (up to 95%), fast loading and unloading
Trusted solutions for pet food from GEA

GEA has developed a comprehensive range of technologies, equipment and know-how to configure and install solutions for pet food manufacturing plants.
GEA is a global technology company with multi-billion euro sales operations in more than 50 countries. Founded in 1881 the company is one of the largest providers of innovative equipment and process technology. GEA is listed in the STOXX® Europe 600 Index. In addition, the company is included in selected MSCI Global Sustainability Indexes.