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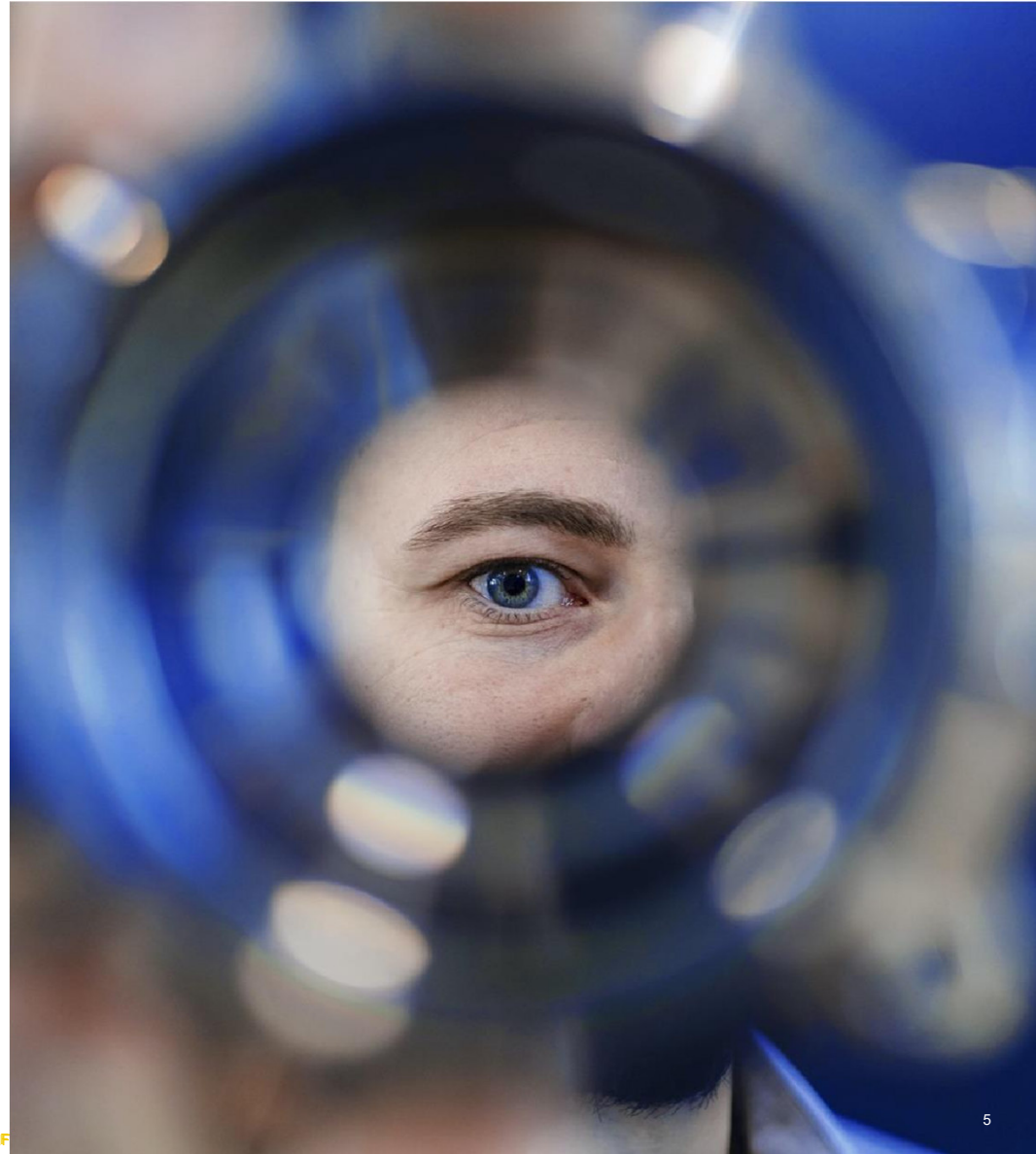
Jan Bunk
Head of Dairy Application Sales

1. Company Introduction

1. Company Introduction

1.1. Our purpose

Engineering for a better world.



1. Company Introduction

1.2. GEA at a glance

Order intake



5,222

EUR million
Previous year: EUR 4,703 million

Revenue



4,703

EUR million
Previous year: EUR 4,635 million

EBITDA

before restructuring measures



625

EUR million
Previous year: EUR 532 million

EBITDA margin

before restructuring measures



13.3

percent of revenue
Previous year: 11.5 percent

Dividend proposal



0.90

EUR per share
Previous year: EUR 0.85

Employees



18,143

Full-time equivalents
Previous year: 18,232



GEA is one of the world's largest suppliers of systems and components to the food, beverage and pharmaceutical industries. The international technology group, founded in 1881, focuses on machinery and plants, as well as advanced process technology, components and comprehensive services.

GEA is listed on the German MDAX and the STOXX® Europe 600 Index and is also included in the DAX 50 ESG and MSCI Global Sustainability Indices.

1. Company Introduction

1.3. Our applications put consumers in touch with GEA every day



Food

Approx. every third chicken nugget is produced using GEA technology



Food

Approx. every third process line for instant coffee was installed by GEA



Dairy farming & processing

Roughly one quarter of processed milk comes from GEA production systems



Beverage

Approx. every second liter of beer is brewed with the aid of systems and process solutions from GEA



Pharma & healthcare

Roughly every fourth liter of human blood for making plasma-derived products is processed using GEA equipment



Chemical

More than one third of all polymer producers are using GEA drying technology



Environment

Approx. two million tons of pollutants are averted annually thanks to GEA emission control plants



Heating & refrigeration

Each industry we serve utilizes industrial heating and refrigeration technology from GEA



Marine

Roughly every second container ship in the world sails with GEA marine equipment on board

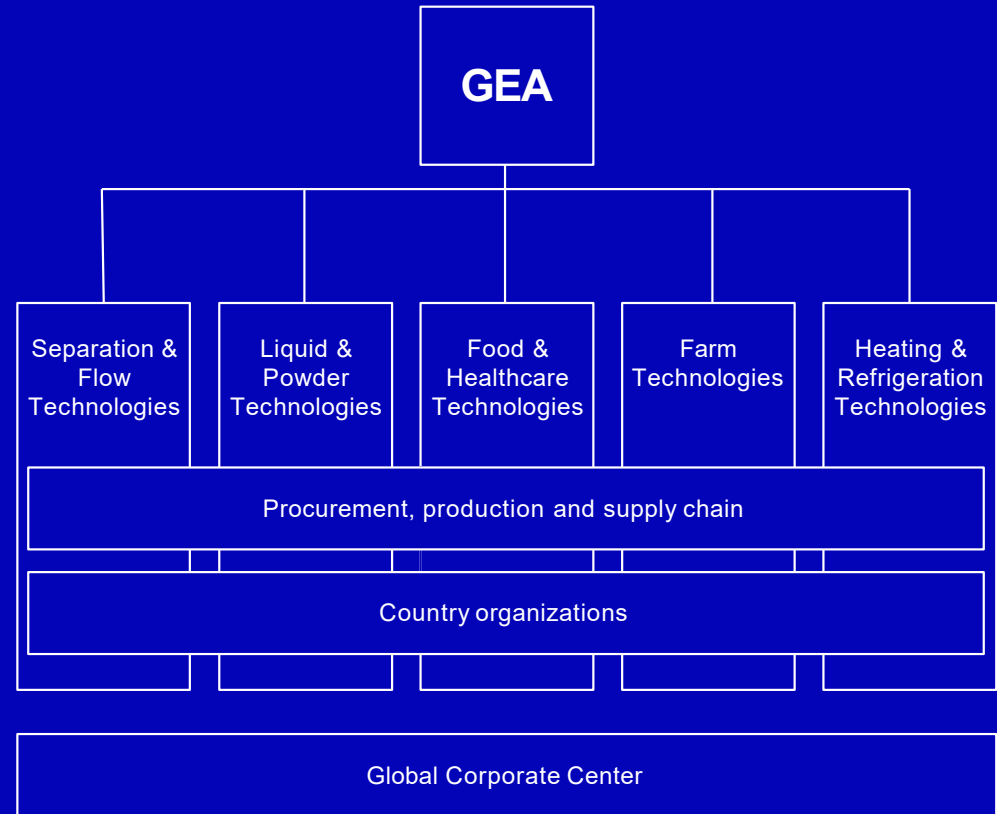


1. Company Introduction

1.3. Our organization

GEA is divided into five divisions, each with up to six business units. The units are based on comparable technologies and have leading market positions.

The country organizations stand ready to serve their respective customers as a central point of contact, offering them local access to an extensive portfolio of products and services.



2. GEA Divisions for Milk Production and Processing



2. GEA Divisions for Milk Production and Processing

2.1. Separation & Flow Technologies Division

World-class components and equipment for production excellence

Separators . Homogenizers . Valves & Pumps

Separation & Flow Technologies encompass process engineering components and machines, including separators, decanters, homogenizers, valves and pumps, which are at the heart of many production processes.

These solutions contribute to a cleaner environment in numerous industrial applications. They also ensure the efficient separation and homogenization of liquids used in the production of foods, beverages, medicines and home & personal care products that consumers enjoy and rely on. GEA pumps and valves guarantee that raw materials and products move safely and efficiently through plants.

Revenue

1,237

EUR million
Previous year: EUR 1,192 million

EBITDA before restructuring measures

303

EUR million
Previous year: EUR 255 million

EBITDA margin before restructuring measures

24.5

percent
Previous year: 21.4 percent

Employees

4,860

Full-time equivalents
Previous year: 4,565



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2. GEA Divisions for Milk Production and Processing

2.1. Separation & Flow Technologies Division



Separators

GEA separators and decanters are used in thousands of applications by nearly every industry, including: dairy processing, food & beverage, marine, oil & gas, power, chemical, pharma, farming and in water and wastewater management.



Homogenizers

With our high pressure homogenizers manufacturers can micronize and standardize individual particles, ensuring product stabilization and long shelf life. These properties are key to many of today's health and personal care products and also contribute to the quality of many processed foods and beverages.



Valves & Pumps

To ensure smooth production processes in the treatment of liquid products, GEA offers a comprehensive range of valves for all hygienic classes, as well as hygienic pumps and cleaning technology. Their individual modular design guarantees efficiency, safety and reliability.

2. GEA Divisions for Milk Production and Processing

2.2. Farm Technologies Division

Smart solutions for farmers now and in the future

Milking & Dairy Farming: Milking & Feeding, Manure

Farm Technologies offer integrated customer solutions for efficient, high-quality milk production and livestock farming. This includes automatic milking and feeding systems, conventional milking solutions and digital herd management tools. GEA manure management solutions ensure operators have the right tools for safe and efficient storage, application and upcycling of this important resource.

The portfolio also includes a wide range of hygiene products and chemicals to promote optimum udder health and highest milk quality.

Revenue

634

EUR million
Previous year: EUR 625 million

EBITDA before restructuring measures

76

EUR million
Previous year: EUR 67 million

EBITDA margin before restructuring measures

12.0

percent
Previous year: 10.7 percent

Employees

1,865

Full-time equivalents
Previous year: 1,888

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2. GEA Divisions for Milk Production and Processing

2.2. Farm Technologies Division



Milking & Dairy Farming

Our industry-leading solutions include equipment and accessories for dairy herds of all sizes, backed up by farm credentials that span nearly 100 years.



Milking & Feeding

GEA offers all ranges of automated milking solutions, from single box to fully automated rotary parlor systems to conventional rotary and group parlors. Our automated feeding solutions ensure cows get the right mix at the right time, improving efficiency and freshness.



Herd Management

Simple to use, with consistently updated functions: Herd management tools by GEA connect with the most modern sensor technologies and through intelligent functions make them accessible for dairy farmers.



Manure

GEA is a global leader in manure management, providing a comprehensive line of equipment to effectively handle manure inside and outside the barn. Our portfolio includes: barn cleaning, electric and power take-off pumps and agitators, loading equipment, liquid manure spreaders, manure application devices and separators.



Service & Hygiene

With a strong, global dealer network and certified service partners GEA provides comprehensive servicing for your milking parlor, large or small, from installation and throughout its entire life cycle. Our servicing programs make sure that your cows are healthy and happy, and that your milking operation is safe, efficient and productive.

2. GEA Divisions for Milk Production and Processing

2.3. Liquid & Powder Technologies Division

Specialists in processing equipment and integrated solutions

Liquid & Filling Technologies . Powder & Thermal Separation Technologies . New Food

Liquid & Powder Technologies provide processing equipment and integrated solutions for the dairy, food, including new food, beverage, chemical and home & personal care industries. The portfolio includes brewing systems, liquid processing & filling, concentration, precision fermentation, crystallization, purification, drying, powder handling & packaging as well as systems for emission control.

GEA designs, builds, configures and installs versatile and efficient equipment and technologies, processing lines and complete plants, for products as diverse as cell-based protein to polymers.

Revenue

1,546

EUR million
Previous year: EUR 1,666 million

EBITDA before restructuring measures

150

EUR million
Previous year: EUR 120 million

EBITDA margin before restructuring measures

9.7

percent
Previous year: 7.2 percent

Employees

5,241

Full-time equivalents
Previous year: 5,402

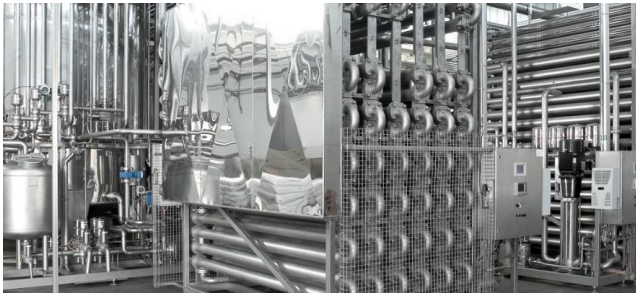
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2. GEA Divisions for Milk Production and Processing

2.3. Liquid & Powder Technologies Division



Liquid & Filling Technologies

Suppliers of liquid process and filling technologies, our solutions are used for a variety of dairy, food, beverage (alcoholic and non alcoholic) and new food applications.



Powder & Thermal Separation Technologies

Our process solutions of thermal separation, drying and powder handling & packing are used for a wide range of dairy, food & beverage and chemical applications such as nutritional formula, food ingredients, instant coffee, polymers minerals, agrochemicals and fine & specialty chemicals.



New Food

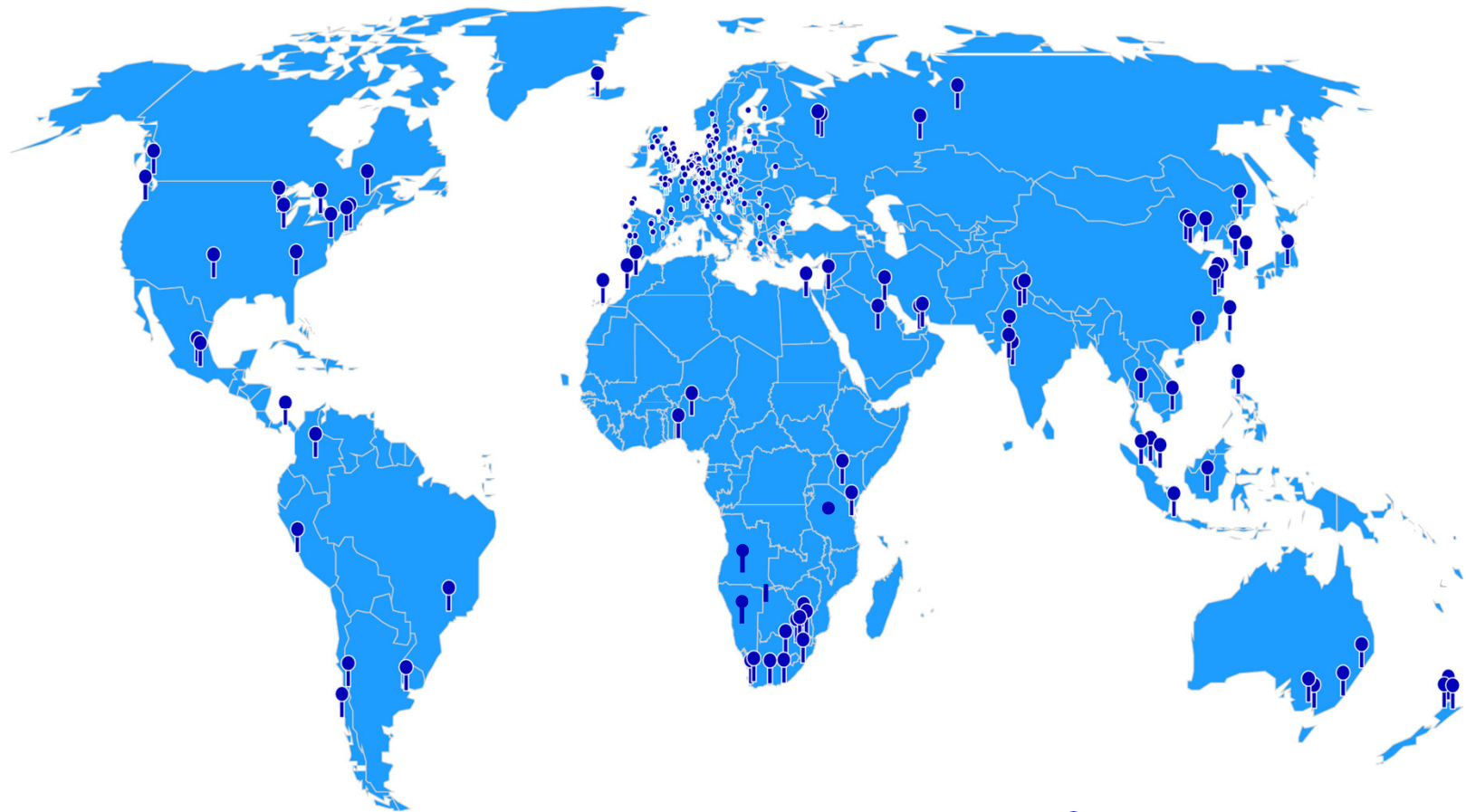
We support start-ups, ingredient suppliers and food producers to develop, scale-up and produce protein-rich foods and ingredients through traditional processing, precision fermentation and tissue engineering. GEA offers complete lines as well as individual solutions covering key processes such as mixing and fermentation, cultivation in bioreactors, downstream separation and filtration, packaging and bottling. With these, we help customers create plant-based foods and beverages, cultured meat, cell-based milk, cultivated cheese and other novel foods (e.g., insect-based protein).

3. Country Organizations in Sub-Saharan Africa



3. Country Organizations in Sub-Saharan Africa

3.1. GEA Presence Worldwide



GEA locations (sales offices, service branch or other GEAsites)

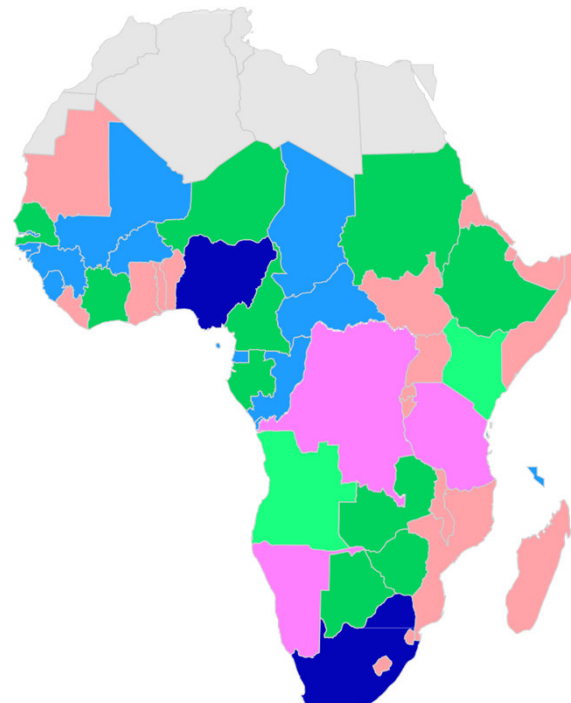
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3. Country Organizations in Sub-Saharan Africa

3.2. GEA Presence in Sub-Saharan Africa

- GEA Head Offices in Sub-Saharan African Countries
- Other GEA Offices in Sub-Saharan African Countries
- Sub-Saharan African Countries without an office but with service branches and/or Field Technical Engineers
- Sub-Saharan African Countries with agents and dealers
- Other Sub-Saharan African Countries attended from GEA Offices
- Other Sub-Saharan African Countries without frequent support
- North African Countries



Number of employees
 Number of engineers and technicians

	South Africa	Nigeria	Kenia	Angola	Namibia	Tanzania	Zimbabwe
 Number of employees	270	20	9	3	3	8	2
 Number of engineers and technicians	220	6	4	2	2	6	2



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4. Portfolio and Solutions for Dairy Industry



4. Portfolio and Solutions for Dairy Industry

4.1. Products & Applications

Applications	 Market Milk Products	 Ice Cream	 Milk Fat Products	 Desserts & Fermented Products	 Cheese	 Dairy Ingredients	 Milk Powders	 Nutritional Formula
Product Clusters	Condensed Milk	Dessert Ice	Anhydrous Milk Fat (AMF)	Buttermilk	Cream Cheese	Casein / Caseinate Powder	Buttermilk Powder	Infant Milk Formula
	Cream	Frozen Yogurt	Dairy Spreads	Concentrated Yogurt	Fresh Cheese	Cheese Powder	Coffee & Tea Whitener	Follow on / follow up Formula
	Extended Shelf Life (ESL) Milk	Ice Milk / Cream	Ghee	Desserts	Hard Cheese	Lactose Powder	Fat Filled Milk Powder	Growing up Milk
	Flavored Milk	Sherbet	Sour Cream Butter	Drinking Yogurt	Pasta Filata Cheese	MPC / MPI Powder	Skim Milk Powder	Dietary Nutrition
	Milk Mix Drinks	Sorbet / Water Ice	Sweet Cream Butter	Rice Desserts	Processed Cheese	Yoghurt Powder	Whole Milk Powder	
	Pasteurized / Fresh Milk			Set Yoghurt	Semi Hard Cheese	Whey & Milk Permeate Powder		
	Sweetened Condensed Milk			Sour Cream	Soft Cheese	WPC / WPI Powder		
	Ultra Heat Treated (UHT) Milk			Sour Milk Drinks	White Cheese	Whey Powder		
	Whipped Cream			Stirred Yogurt		Lactoferrin Powder		

4. Portfolio and Solutions for Dairy Industry

4.2. GEA Process Equipment

- GEA manufactures a variety of process components that allows the main components supply of a milk processing plant.
- Amongst others, here are some examples for milk and yoghurt industries:



Valves & Pumps



Centrifugal Separators



Homogenizers



High Shear Mixers



Decanters



Chillers

4. Portfolio and Solutions for Dairy Industry

4.3. GEA's Associated Suppliers

- GEA works with high-quality suppliers that can manufacture under GEA's supervision and coordination other packages to complement the milk processing line:



Silos



Tanks & Vessels



Pre-Assembled Skids



Processing Units



Electrical Cabinets



4. Portfolio and Solutions for Dairy Industry

4.4. Our solutions

- GEA combines the inhouse equipment with preferred suppliers equipment to design units and processing lines. Together with the technical services, GEA is one of the best system integrators for complete solutions in the market.
- Amongst others, here are some examples for tailor-made solutions:



Dairy Drying



Filtration



Dairy Evaporation



Powder Handling & Packaging



*Mozzarella & Pasta
Cheese Lines*



Aseptic Liquid Processing



Fresh Liquid Processing



PET Bottle Filling

5. GEA Capabilities for Project Execution



5. GEA Capabilities for Project Execution

5.1. Our services



Process Equipment



Engineering & Project Management



Transport



Technical Supervision



Commissioning & Training



Hardware Equipment & Electrical Cabinets



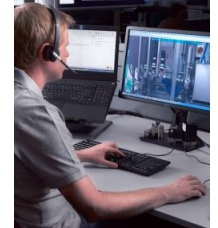
Control System, & Automation



Digitalization



Site Installation



Service Support

GEA Engineering
for a better
world.

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