GEA at a Glance

World-leading process technology

DÜSSELDORF, JUNE 2019
GEA – “engineering for a better world”

<table>
<thead>
<tr>
<th>18,642</th>
<th>4,828</th>
<th>518</th>
<th>4,918</th>
<th>518</th>
<th>0.85</th>
</tr>
</thead>
<tbody>
<tr>
<td>employees (FTEs)</td>
<td>EUR million revenue</td>
<td>EUR million operating EBITDA</td>
<td>EUR million order intake</td>
<td>% operating EBITDA margin</td>
<td>EUR per share dividend proposal</td>
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</table>

GEA is one of the largest technology suppliers for food processing and a wide range of other industries.

The global group specializes in machinery, plants, as well as process technology and components. GEA provides sustainable solutions for sophisticated production processes in diverse end-user markets and offers a comprehensive service portfolio.

The company is listed on the German MDAX (G1A, WKN 660 200), the STOXX® Europe 600 Index and selected MSCI Global Sustainability Indexes.
Strong local presence around the globe

**North America**
- Employees: 1,821
- Revenue: €866 million
- %: 18

**Latin America**
- Employees: 518
- Revenue: €347 million
- %: 7

**North and Central Europe**
- Employees: 3,056
- Revenue: €643 million
- %: 13

**DACH & Eastern Europe**
- Employees: 6,765
- Revenue: €1,039 million
- %: 22

**Asia Pacific**
- Employees: 3,049
- Revenue: €1,081 million
- %: 22

**Western Europe, Middle East & Africa**
- Employees: 3,434
- Revenue: €853 million
- %: 18

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

Employees in 2018 (FTEs)

Revenue in 2018

Regional revenue split in 2018 (only continued operations)
Our ambition: to be the customer’s first choice worldwide

We strive to be the world’s leading technology group, providing innovative and sustainable solutions for sophisticated process industries. Our goal is to be the preferred partner in the industries we serve.
Our long-term strategy

- Pursue clear technology and market leadership
- Further develop food processing focus & solutions for demanding production processes
- Become truly global by getting closer to our customers

- Use portfolio management as tool to leverage strengths & allocate resources
- Build an organization and capabilities to support strategic vision
- Drive sustainable value creation
Megatrends support our business

URBANIZATION AND GROWING MIDDLE CLASS
Growing demand for processed food and medication

GEA offers components and process technology for processed food, ready meals, fortified lifestyle beverages and food, medications

GREATER FOOD SAFETY AND QUALITY
Readiness of industry to invest more for greater process reliability

GEA offers certified hygienic/aseptic processes and components to meet the strict standards of the industry

ENERGY SCARCITY AND STRicter ENVIRONMENTAL REGULATIONS
Greater interest in efficient and resource-saving production processes

GEA offers intelligent engineering processes for resource-friendly technologies, energy-saving machines and processes, as well as heat recovery
Our applications – in touch with GEA every day

Dairy Farming and Processing

Food

Beverages

Pharma

Chemical

Utilities

Marine

Approx. one quarter of processed milk comes from GEA production systems

Every third chicken nugget is produced using GEA technology

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

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

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

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

Each industry we serve utilizes industrial refrigeration technology from GEA

Every second container ship in the world sails with GEA marine equipment on board
Groundbreaking innovations – recent examples

DAIRY FARMING
GEA DairyRobot R9500
Automated milking system

- Fully automated milking system for professional dairy producers
- Available as single or multi-box system
- Leading 3D camera technology
- Tailored concept for low water and energy consumption
- Innovative cell count sensor to support herd health
- “Grade A” certification from U.S. FDA

FOOD
GEA OxyCheck®
Quality control system

- In-line quality control system that inspects each package
- Checks residual oxygen content and seal integrity of each modified atmosphere pack leaving the thermoformer
- Non-invasive measurement technique which does not damage the film or break the seal
- No time-consuming sample testing
- No packaging material or food wasted

PHARMA
GEA CONSIGMA®
Tablet production

- Flexible continuous tableting line
- Faster, more consistent and reliable tablet production with reduced use of resources
- Requires 70% less space than batch plants and can be built more quickly
- FDA approval for a therapy manufactured using GEA CONSIGMA® technology
- Award-winning
GEA Service – For your continued success

We ensure our customers’ continued business success by building, maintaining, optimizing and adapting their production equipment and processes to meet their specific ongoing needs.

WE SERVE THE ENTIRE LIFE CYCLE IN ORDER TO HAVE CONTINUOUS TOUCHPOINTS TO OUR CUSTOMERS.
Our values – shared by all employees

Explicit values are the foundation of our success as technology and market leader. The employees about the company:

- **We** stand for excellence in everything we do
- **We** work with passion without obsession
- **We** walk our talk
- **We** feel responsible for our actions
- **We** recognize and appreciate differences across borders
Our sustainability approach is based on our values.

By offering efficient products and process solutions, we contribute to the sustainable management and protection of the natural environment.

**Excellence**
Strong innovator coupled with operational efficiency

**Passion**
Committed to providing a fulfilling working life for our employees

**Integrity**
Fair competitor with legally compliant conduct

**Responsibility**
For quality, occupational health and safety, environmental protection

**GEA-versity**
Diversity as a success factor and innovation driver
Sustainable solutions – recent examples

**ANIMAL WELFARE**
**GEA DairyMilk M6850**
Early warning system for mastitis detection

Innovative sensor measures somatic cell count in each udder quarter individually during the milking process

**Benefits:**
- Minimized treatment
- Safeguarding the healing process
- Increasing herd health and productivity

**ENERGY RESOURCES**
**Heat pumps**
Sustainable energy cycle

Combines ammonia heat pumps and compressors

**Benefits:**
- Reduced CO₂ footprint and energy costs by approx. 30%
- Integration of heat pumps in food, beverage and dairy industry, where 60% of the energy is used for heating and cooling

**PROTECTING OCEANS**
**GEA BilgeMaster**
Treatment of bilgewater

Solution:
- Modular separators process shipping bilgewater contaminated by fuel and lube oil spills

**Benefits:**
- Meet or undercut water regulations for sensitive oceans: Reduction of residual oil content of water discharged back into the sea from 15 to 5 ppm
- Reuse of recycled oil as fuel oil
Our management – GEA Executive Board

Stefan Klebert
• Chief Executive Officer (CEO)
• BA Solutions

Steffen Bersch
• BA Equipment

Marcus A. Ketter
• Chief Financial Officer (CFO)
  (since 05/20/2019)

Martine Snels
• Regions & Country Organizations
Marcus A. Ketter
New Chief Financial Officer (CFO)
Since May 20, 2019

- **Degree in macroeconomics; MBA** from Columbia Business School, New York/USA
- From 1993: financial controller and head of CEO office at utility STEAG AG
- From 1999: **Mattson Technology, Inc.** (United States)
- 2003 – 2011: various management positions at thyssenkrupp, ultimately CFO Central and Eastern Europe of elevator division ThyssenKrupp Elevator GmbH
- 2011 – 2012: CFO and labor director at industrial group **Schuler AG**
- Since early 2013: CFO of **Klöckner & Co SE**
Our history – key milestones

1881
- Founding of Metallgesellschaft AG as a metals trading company

1991-1995
- Acquisition of several companies with a long history in food and beverage industry

1999
- Metallgesellschaft AG acquires GEA AG

2005
- Name changed to GEA Group Aktiengesellschaft

2007-2014
- Increasing focus on food and beverage industry (from 50% of business to about 70%)

2015-2019
- Further acquisitions in food industry, e.g. Comas, Hilge, Imaforni, CMT, Pavan Group and Vipoll
- 2015: Implementation of a new integrated group structure embracing uniform country organizations
## Our shares

**Shares issued**

180.5 million (May 31, 2019)

**Market capitalization**

4.4 billion (May 31, 2019)

<table>
<thead>
<tr>
<th>Securities identification number</th>
<th>ISIN number</th>
<th>Stock indices</th>
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<tbody>
<tr>
<td>660200</td>
<td>DE0006602006</td>
<td>MDax, HDax, CDax, Midcap Market, Dow Jones Euro Stoxx, Euro Stoxx TMI Industrial Engineering, Dow Jones Euro Stoxx Mid, Dow Jones Euro Stoxx Industrial Goods and Services, Dow Jones Stoxx 600, Dow Jones Industrial Goods and Services, Dow Jones Stoxx Mid 200, Prime All Share, Prime Industrial, Classic All Share, NRW-Mix 50, MSCI World ESG, MSCI ACWI ESG</td>
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**Segment**

Prime-Standard

**Stock exchanges**

Xetra, Frankfurt, Stuttgart, Munich, Düsseldorf, Berlin, Hamburg, Hannover

**Information on stock**

Reuters: G1AG.DE; Bloomberg: G1A:GR; Xetra: G1A.DE

**GEA share price development since 2010**