Gebr. Steimel GmbH & Co.

Industrial Pumps
Centrifugal Separators
Our Tradition

Established in 1878 by Johann Steimel, our company took up quarters in Hennef, at that time a rural area some 30 km from the city of Cologne.

We are, and have always been, a 100% family-owned business.

In the early years, Steimel developed and manufactured manually operated centrifuges for milk processing, as well as pumps for manure handling, for the local farms around Hennef.

More than 140 years have passed since then. And while we continuously embraced permanent technical progress and innovation, we also uncompromisingly respected traditional values through all times: Long-Term Focus, Reliable Partnerships, and High-Quality Products only.

Today

Our company is a well-established and reliable partner for renowned industrial customers around the world, supplying:

- Centrifugal Pumps
- Gear Pumps
- Lobe Pumps
- Processing Lines for Chips, Bulk Goods, and Parts
- Centrifugal Separators and Chip Crushers
- Equipment for Cooling Lubricant Recycling
- Project Development
- Product Engineering
- Customized Manufacturing
- Serial Production
- Product Servicing
- Processing Lines for Chips, Bulk Goods, and Parts
- Centrifugal Separators and Chip Crushers
- Equipment for Cooling Lubricant Recycling
We specialize in engineering customized solutions in accordance with the specifications and requirements from our customers, thus helping them to create a competitive advantage in their business.

Our Steimel Development System is a guideline for the Project Management Process applied both in the pump and in the centrifuge business. SDS ensures that all relevant information is shared with all stakeholders, and that projects are completed in time, within budget, and fully compliant with the customer specifications.
Our Engineering Group focuses on the continuous evaluation of new materials and technologies in order to improve our products, both centrifuges and pumps. Key objectives in Engineering are performance enhancements, product lifetime, energetic efficiency, minimized cost-of-ownership, serviceability, and intrinsic product safety.
Our Procurement Group manages a well-established international supplier base, featuring raw material and commodity suppliers as well as external manufacturing and service providers, based on a clearly defined set of specifications and requirements. Each of our qualified suppliers has passed a thorough approval process; key suppliers are reviewed and audited on a regular schedule by all relevant stakeholders.

Our Production Scheduling Group works closely with Supply Chain Management to ensure on-time supply of all materials and services required to deliver a product to the customer. IT-based logistic processes ensure on-time delivery.
Our in-house manufacturing competencies particularly focus on those aspects that have a major impact on product quality and lifetime. Control Plans for products and components are derived from the FMEA, based on the Engineering specifications. Machining processes are constantly monitored using Control Plans. Operators undergo regular training and qualification on the process steps they are approved for. All manufacturing is compliant with the legal regulations for Safety, Health, and Environmental Hazards.

Only the most experienced employees are entrusted with the final assembly process of both pumps and centrifuges, where rigorous Quality Gates have to be mastered. Our employees take personal pride in the quality of every single product that leaves our premises.
R&D Center - Centrifuges

- Basic Analysis and Characterization of Solid-Liquid Material Systems
- Product Development and Innovation
- Application-Based Definition of Process Parameters
- Customized Process Design

Optimum Process Parameters for each Application

When it comes to engineering an application for any new material system, pilot testing in our R&D Center is the best approach in order to give the customer the best solution for his process.

Numerous test runs every year enable us not only to constantly improve our catalogue of best-practice guidelines, but also serve as the starting point for the continuous improvement of our hardware products.

R&D Center - Pumps

- Flow / Pressure Rise
- Suction Lift
- Sound Level
- Wear Analysis
- NPSH
- Energetic Efficiency
- Thermal Management
- Tear Down Reports

Technical Innovation, Product Validation, Acceptance Testing

Our Pump R&D Center features state-of-the-art sensors and transducers, real-time data logging facilities, and computer-based analysis for all relevant parameters and characteristics of our pump, allowing for swift and thorough evaluation of technical innovations and new products in-house.

For customer acceptance tests, product conformity with the specific scope of performance specs is verified on-site. Long-standing partnerships with universities and certified research institutions complete the scope of technological capabilities.
Professional Quality Assurance, using state-of-the-art technologies and processes, is an important part of our Quality Management System, certified according to ISO 9001:2015. Our control plans are designed to ensure full conformity of the entire process from raw material inspection through manufacturing to shipment of the final product.

All products and components are inspected throughout the manufacturing process according to their control plan. Upon customer request, control plans and Quality Gates for specific products can be individualized in order to provide optimum customer value and service.
Steimel worldwide

Europe

Americas

Asia

Australia

Africa

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