CUSTOMIZED CONTROL SOLUTIONS

STEAM AND CONDENSATE TECHNOLOGY
Modular Systems & Solutions

SMART IN FLOW CONTROL

SAMSON
MODULAR SYSTEMS & SOLUTIONS

Modular Systems and Solutions specializes in the development and implementation of tailor-made modular solutions. We are characterized by a creative approach to complex problems and offer customers from various industries individual solutions that can be seamlessly integrated into their existing processes.

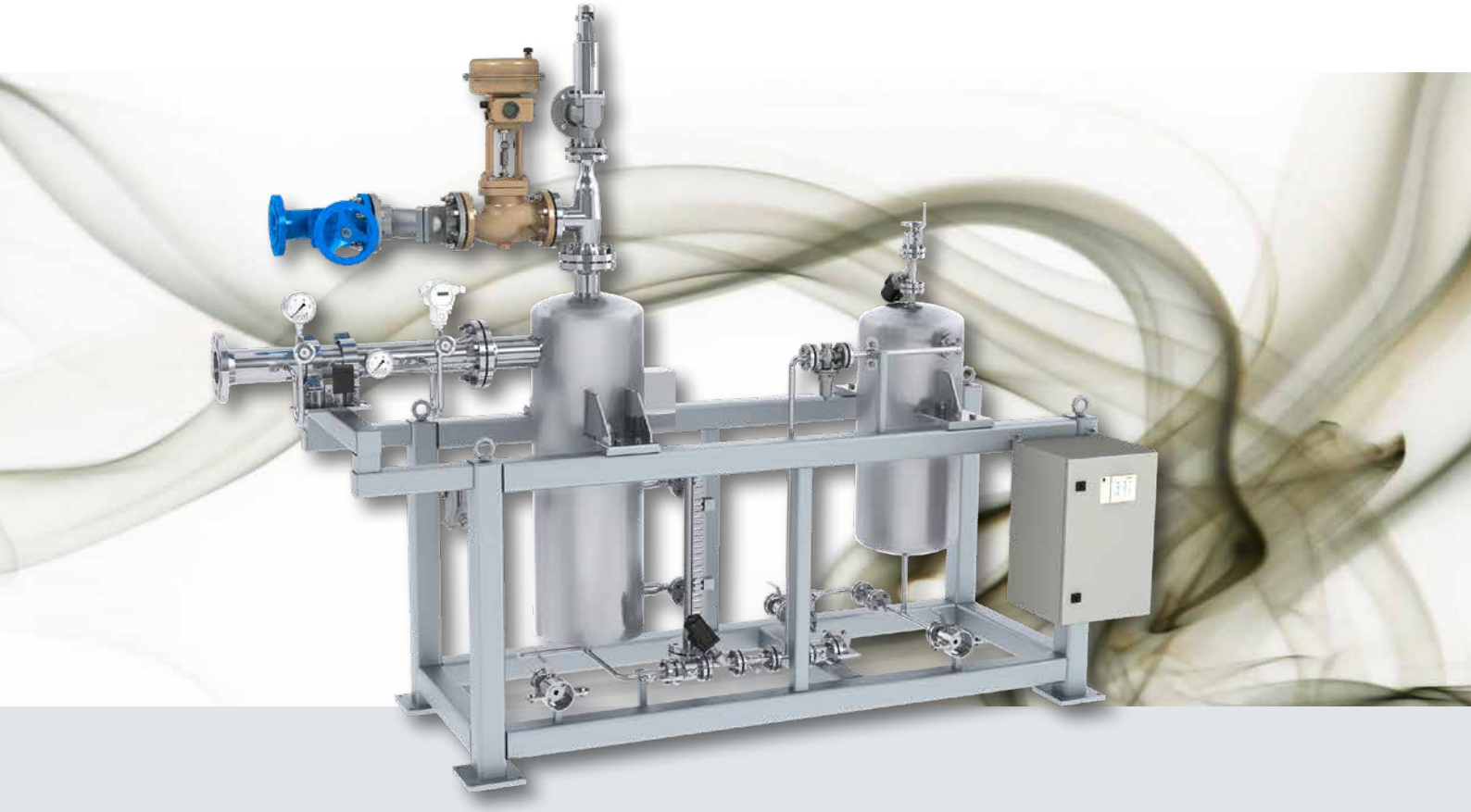
Our expertise spans engineering, mechanical and electrical design, and manufacturing, leveraging our extensive steam and control valve know-how.

The use of global standards enables us to replicate our expertise on an international level. We place particular emphasis on quality and efficiency. By standardizing, we can not only ensure consistent results, but also optimize development and manufacturing.

The option of local finishing in the immediate vicinity of our customers enables us to respond directly to individual customer requests and ensure an agile response to specific requirements. Proximity to local production is the key to short response times and high flexibility.

Our ability to respond flexibly to customer needs, combined with an international standardization approach, makes us a reliable partner for innovative solutions in the areas of engineering and manufacturing.

STEAM AND CONDENSATE TECHNOLOGY



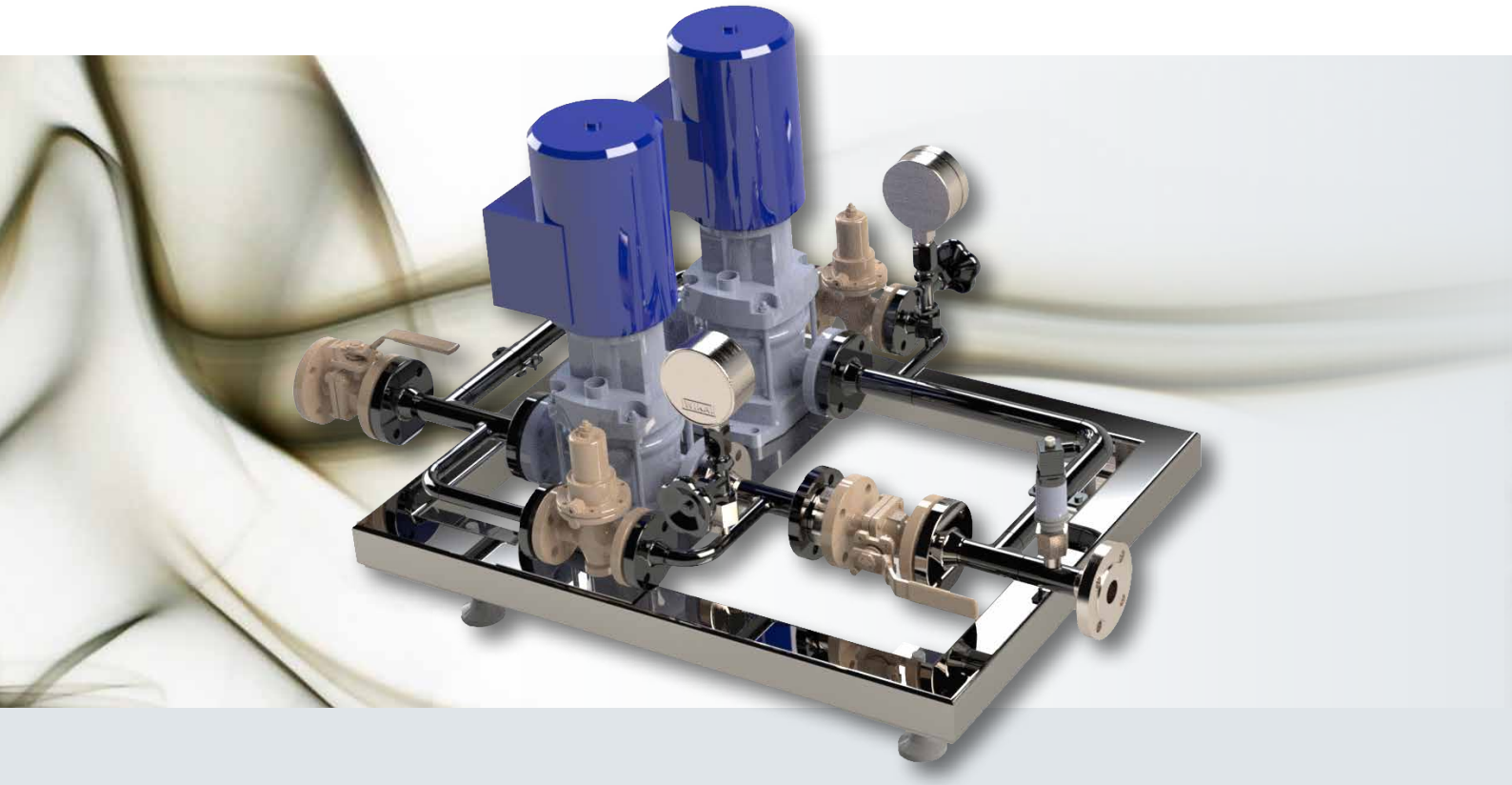
Steam and condensate technology plays a central role in numerous industrial processes and applications, ranging from power generation and chemical processing to heating systems. This technology is based on the physical properties of water, in particular its ability to occur in various states of aggregation (solid, liquid, gaseous) and transfer significant amounts of energy in the process.

Vapor is the gaseous phase of water and is produced when water is heated to its boiling point. In industrial applications, steam is often used as an energy source as it has a high heat capacity and the ability to transport large amounts of energy efficiently.

Condensate is formed when steam cools down and turns back into water. This process of condensation plays a crucial role in steam and condensate technology, as the resulting condensate contains valuable thermal energy that can be recovered and re-used.

SAMSON Modular Systems and Solutions offers a wide range of solutions in steam and condensate technology.

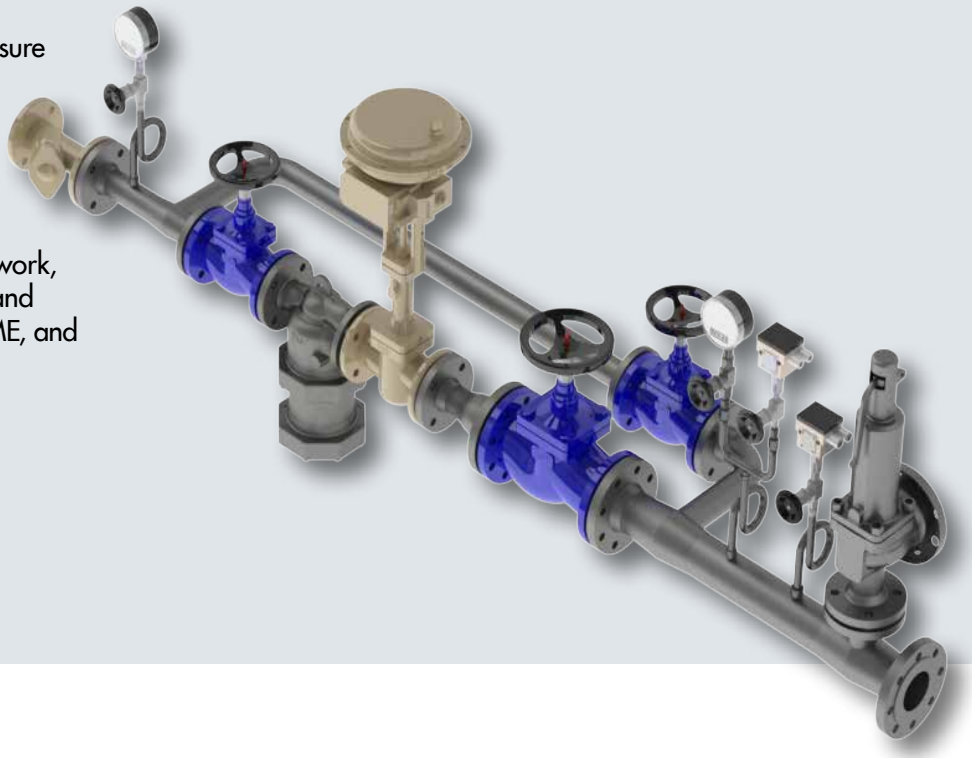
YOUR BENEFITS



SAMSON offers a range of ready-to-use standard solutions that are both cost-effective and designed to reduce purchasing efforts.

For those with unique needs, we provide customized solutions, backed by individual consulting and customer service. SAMSON takes full responsibility for delivering complete solutions.

Our compact, fully assembled systems ensure easy installation with plug and play functionality. We also provide CAD and 3D models to facilitate planning and reduce construction site efforts.

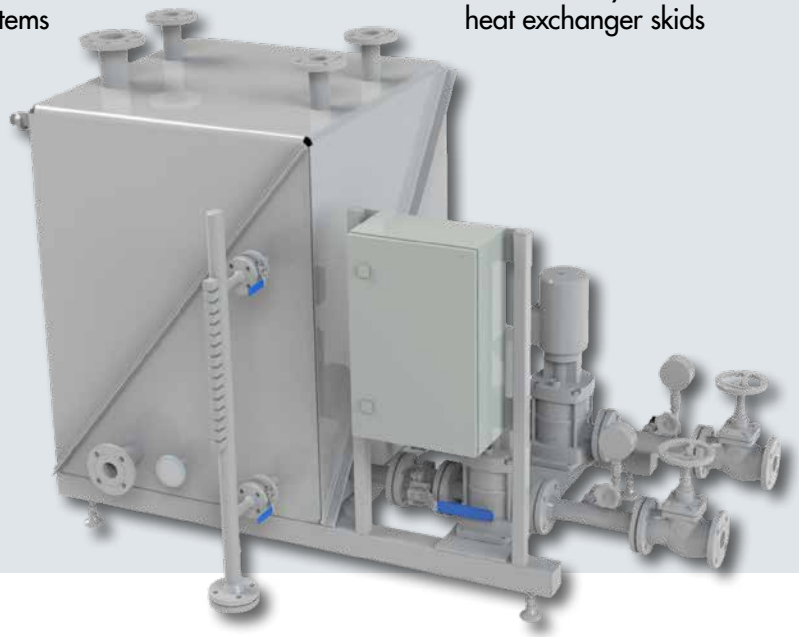


With a worldwide sales and service network, SAMSON adheres to current standards and regulations, including ATEX, SIL, PED, ASME, and IBR, ensuring compliance and reliability.

APPLICATIONS

Custom steam and condensate skids are designed to meet a wide range of application needs, including:

- Saturated steam generators, waterbath desuperheaters
- Steam conditioning units
- Steam cooling nozzles
- Pressure control systems
- Temperature control systems
- Flow control systems
- Condensate recovery units
- Condensate collecting vessels
- Flashing vessels
- Pump assemblies
- Heat recovery skids and heat exchanger skids



SAMSON AT A GLANCE

STAFF

- Worldwide 4,500
- Europe 3,600
- Asia 700
- Americas 200
- Frankfurt am Main, Germany 1,800

INDUSTRIES AND APPLICATIONS

- Chemicals and petrochemicals
- Food and beverages
- Pharmaceuticals and biotechnology
- Oil and gas
- Liquefied Natural Gas (LNG)
- Marine equipment
- Power and energy
- Industrial gases
- Cryogenic applications
- District energy and building automation
- Metallurgy and mining
- Pulp and paper
- Water technology
- Other industries

PRODUCTS

- Valves
- Self-operated regulators
- Actuators
- Positioners and valve accessories
- Signal converters
- Controllers and automation systems
- Sensors and thermostats
- Digital solutions

SALES SITES

- More than 60 subsidiaries in over 40 countries
- More than 200 representatives

PRODUCTION SITES

- SAMSON Germany, Frankfurt, established in 1916
  Total plot and production area: 150,000 m²
- SAMSON France, Lyon, established in 1962
  Total plot and production area: 23,400 m²
- SAMSON Turkey, Istanbul, established in 1984
  Total plot and production area: 11,100 m²
- SAMSON USA, Baytown, TX, established in 1992
  Total plot and production area: 20,000 m²
- SAMSON China, Beijing, established in 1998
  Total plot and production area: 47,000 m²
- SAMSON India, Pune district, established in 1999
  Total plot and production area: 28,000 m²
- SAMSON AIR TORQUE, Bergamo, Italy
  Total plot and production area: 27,000 m²
- SAMSON CERA SYSTEM, Hermsdorf, Germany
  Total plot and production area: 14,700 m²
- SAMSON KT-ELEKTRONIK, Berlin, Germany
  Total plot and production area: 1,100 m²
- SAMSON LEUSCH, Neuss, Germany
  Total plot and production area: 18,400 m²
- SAMSON PFEIFFER, Kempen, Germany
  Total plot and production area: 20,300 m²
- SAMSON RINGO, Zaragoza, Spain
  Total plot and production area: 19,000 m²
- SAMSON SED, Bad Rappenau, Germany
  Total plot and production area: 10,400 m²
- SAMSON STARLINE, Bergamo, Italy
  Total plot and production area: 27,000 m²
- SAMSON VDH PRODUCTS, the Netherlands
  Total plot and production area: 12,000 m²
- SAMSON VETEC, Speyer, Germany
  Total plot and production area: 27,100 m²

SAMSON CONTROLS INC.

1-105 Riviera Drive · MARKHAM, Ontario L3R, 5J7
Phone: +1 833 907 2676 · Fax: +1 905 4740998
E-mail: canada@samsongroup.com
Internet: canada.samsongroup.com

2024-10 · WA 489 EN