INDUSTRIAL GASES

Foto: The Linde Group

Solutions

for your markets

INTELLIGENT, COMPREHENSIVE SOLUTIONS

Our quality standards
The quality of our products is the key to achieving customer satisfaction and to ensuring the long-term existence of our customers' operations.

Our equipment and processes are extremely reliable and comply with major standards and regulations – beyond the minimum requirements.

Our state-of-the-art valves meet DIN EN, ASTM and EIGA requirements. As a result, we can guarantee the highest process safety for your process and also the highest quality level for your products.

Tailor-made solutions
We can count on our long experience in process automation and offer you solutions from a single source that are perfectly tailored to the specific requirements of your application.

Our proven equipment and services support you throughout the entire production process.

Our valves were specifically developed to meet the strict requirements of cryogenic applications and oxygen service.

State-of-the-art process engineering
Our product range includes globe valves, butterfly valves, ball valves and pressure regulators to handle cryogenic and non-cryogenic process media in on/off and throttling service.

Compact electric, pneumatic and hand-operated actuators made of different materials are available to meet the requirements that apply in industrial gas environments.

A wide range of valve accessories, such as positioners, transmitters, compact controllers, limit switches, solenoid valves, travel limiters and supply pressure regulators, rounds off our product range.

INDUSTRIAL GASES

GAS PRODUCTION THROUGH AIR SEPARATION

FOR THE ENTIRE PROCESS CHAIN

COLD BOXES

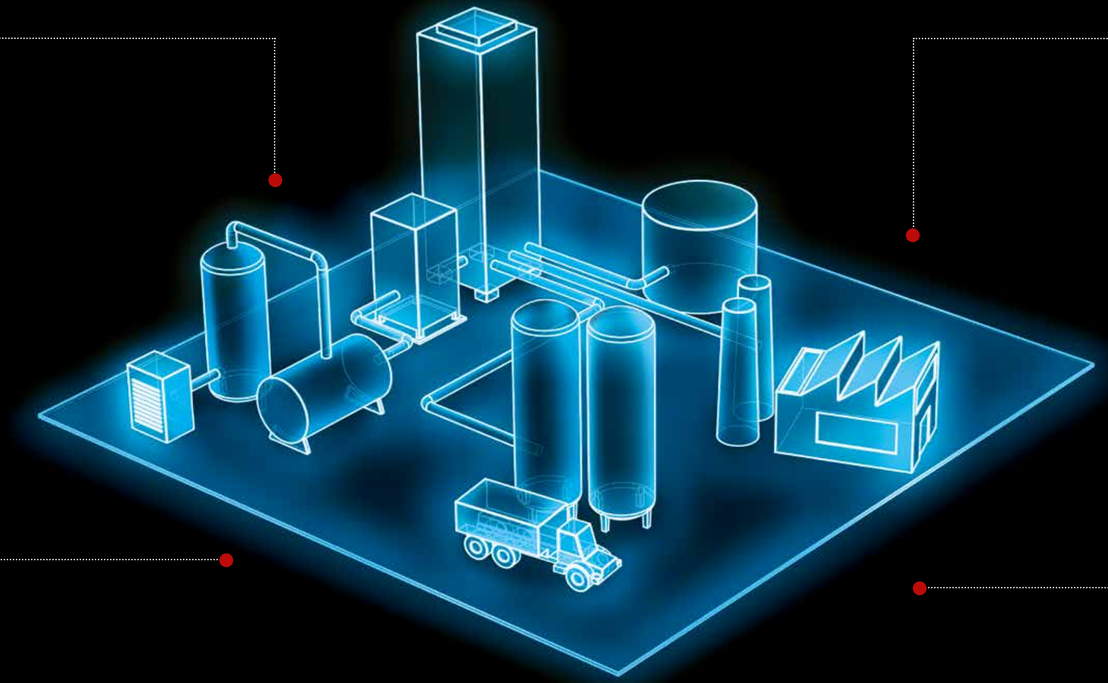
Typical applications: Joule-Thomson valves, turbine bypass valves

- Top-entry design, easy servicing
- Use at temperatures close to absolute zero by fitting valves with an insulating section and bellows seal
- High pressure ratings and large valve sizes available
- Designed to prevent the circulation of the cryogenic medium inside the valve

COMPRESSORS AND AIR TREATMENT

Typical applications: anti-surge valves as compressor bypass valves, blow-off valves

- Short actuating times with excellent control performance
- Effective noise-reducing measures
- Valve sizes up to NPS 32 (globe valves) and NPS 64 (rotary valves)
- Rugged design to meet the strictest requirements with extensive experience in the field



OXYGEN

Typical applications: oxygen relief valves (GOX), pump bypass valves (LOX)

- Risk analysis and typetesting according to internationally accepted regulations, such as EIGA, ASTM 93
- Soft fabric parts selected based on BAM test reports (certified oxygen suitability)
- Extensive experience in sizing and selection of metallic and non-metallic parts for oxygen service
- Valves mounted and tested in certified cleanrooms

TRANSPORTATION AND STORAGE

Typical applications: pressure control, filling level measurement

- Microprocessor-controlled transmitters with digital interface
- Modular design for easy retrofitting
- Remote data transmission using integrated GSM module
- Filling level monitoring in combination with SAM DIGITAL

- Functions as excess pressure valve and pressure build-up regulator in one unit
- Cleaning and testing in compliance with international standards (such as DIN EN 12300)
- Type examination according to 2014/68/EU

SAMSON AT A GLANCE

STAFF

- Worldwide 4,300
- Europe 3,300
- Asia 500
- Americas 200
- Frankfurt am Main, Germany 1,800

MARKETS

- Chemicals and petrochemicals
- Power and energy
- District heating and cooling, building automation
- General industry
- Industrial gases
- Food and beverages
- Metallurgy and mining
- Oil and gas
- Pharmaceuticals and biotechnology
- Marine equipment
- Water and wastewater
- Pulp and paper

PRODUCTS

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

SALES SITES

- More than 50 subsidiaries in over 40 countries
- More than 200 representatives

PRODUCTION SITES

- SAMSON Germany, Frankfurt, established 1916
  Total plot and production area: 150,000 m²
- SAMSON France, Lyon, established 1962
  Total plot and production area: 23,400 m²
- SAMSON Turkey, Istanbul established 1984
  Total plot and production area: 11,053 m²
- SAMSON USA, Baytown, TX, established 1992
  Total plot and production area: 9,200 m²
- SAMSON China, Beijing, established 1998
  Total plot and production area: 10,138 m²
- SAMSON India, Pune district, established 1999
  Total plot and production area: 18,000 m²
- SAMSON Russia, Rostov-on-Don, established 2015
  Total plot and production area: 5,000 m²
- SAMSON AIR TORQUE, Bergamo, Italy
  Total plot and production area: 27,684 m²
- SAMSON CERA SYSTEM, Hermsdorf, Germany
  Total plot and production area: 14,700 m²
- SAMSON KT-ELEKTRONIK, Berlin, Germany
  Total plot and production area: 1,060 m²
- SAMSON LEUSCH, Neuss, Germany
  Total plot and production area: 18,400 m²
- SAMSON PFEIFFER, Kempen, Germany
  Total plot and production area: 35,400 m²
- SAMSON RINGO, Zaragoza, Spain
  Total plot and production area: 18,270 m²
- SAMSON SED, Bad Rappenau, Germany
  Total plot and production area: 10,370 m²
- SAMSON STARLINE, Bergamo, Italy
  Total plot and production area: 26,409 m²
- SAMSON VDH PRODUCTS, the Netherlands
- SAMSON VETEC, Speyer, Germany
  Total plot and production area: 27,090 m²

SAMSON AKTIENGESELLSCHAFT
Weismuellerstrasse 3 · 60314 Frankfurt am Main, Germany
Phone: +49 69 4009-0 · Fax: +49 69 4009-1507
E-mail: samson@samsongroup.com · Internet: www.samsongroup.com

2019-07 · WA397 EN