

Engineered systems



First for Steam Solutions

spirax
sarco

EXPERTISE | SOLUTIONS | SUSTAINABILITY

Engineered systems

Spirax Sarco is able to offer you a wide range of innovative and custom designed solutions built to meet specific requirements in most different industrial sectors.

Our wide range of products, combined with the experience gained through years of commercial and industrial activities in heat transfer, controls, energy saving and efficient use of fluids diverse Avid mediums (with special reference to steam), which us to provide reliable turnkey solutions that optimize plant efficiency.

Benefits:

- Engineering Consultation - Components are optimized
- Simplified and modular design - Simplification of communication
- Reduction in changes during construction - Reduced installation time
- Functionality and efficiency guaranteed
- Interfacing and integration with pre-existing systems
- Approvals and validation according to current regulations
- Responsibility and assistance from a single supplier: Spirax Sarco

Typical Systems

1. Heat Pipe Heat Exchangers
2. Clean Steam Generators
3. Condensate recovery units
4. Anti-icing Units for turbo gas
5. Easi-heat Systems
6. Shell and tube heat exchangers



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First for Steam Solutions

Process Optimization Solutions

It is enough to know installation point and connections, and Spirax Sarco will provide you with the solution

- Definition of process requirements - Mechanical planning and design
- Control strategy - Executive drawings - Installation - Commissioning
- Support Service - Results validation and guarantee



Applications

- Indirect steam generation for food and beverage, hospital and pharmaceutical uses
- Energy Recovery Systems - Hot water production systems
- Condensate Management Systems - Pressure reduction systems
- Control Stations – Flash steam recovery systems and Blowdown Systems
- Boiler Feedwater Degassing Units
- Heat Recovery Systems from waste water drainage and blowdown
- Heat transfer Units - CIP Units
- Anti-icing Units
- Control, supervision and setting systems of the industrial processes with computing module for:
 - Consumption, performance, efficiency, energy balance, preventive maintenance
 - Special Systems
 - Employed technologies: pneumatic, 4-20 mA, Hart, Profibus and Foundation Fieldbus



Wide range of products and services



Controls and settings

Spirax Sarco is capable of provide a full range of regulating and control devices, ranging from direct acting valves to more complex control systems. The line-up includes two/three port electric and pneumatic valves, positioners, pneumatic and electronic control systems based on with various types of protocols, safety valves, self-regulating temperature and pressure devices.



Condensate recovery

To optimize the efficiency of a steam generation system is essential to include a condensate return system flowing to the boiler. Spirax Sarco has an unrivalled product range for the condensate management, which includes steam or gas driven automatic pumps, Automatic pump traps, electrical recovery units, steam traps, flash-steam recovery units, condensate contamination detecting systems.



Heat exchange

Whatever may be the process and application, Spirax Sarco can provide a wide range of solutions for all heat exchange needs. The solutions are always aimed at the recovery and operational savings combined with an excellent functionality.



Customer service

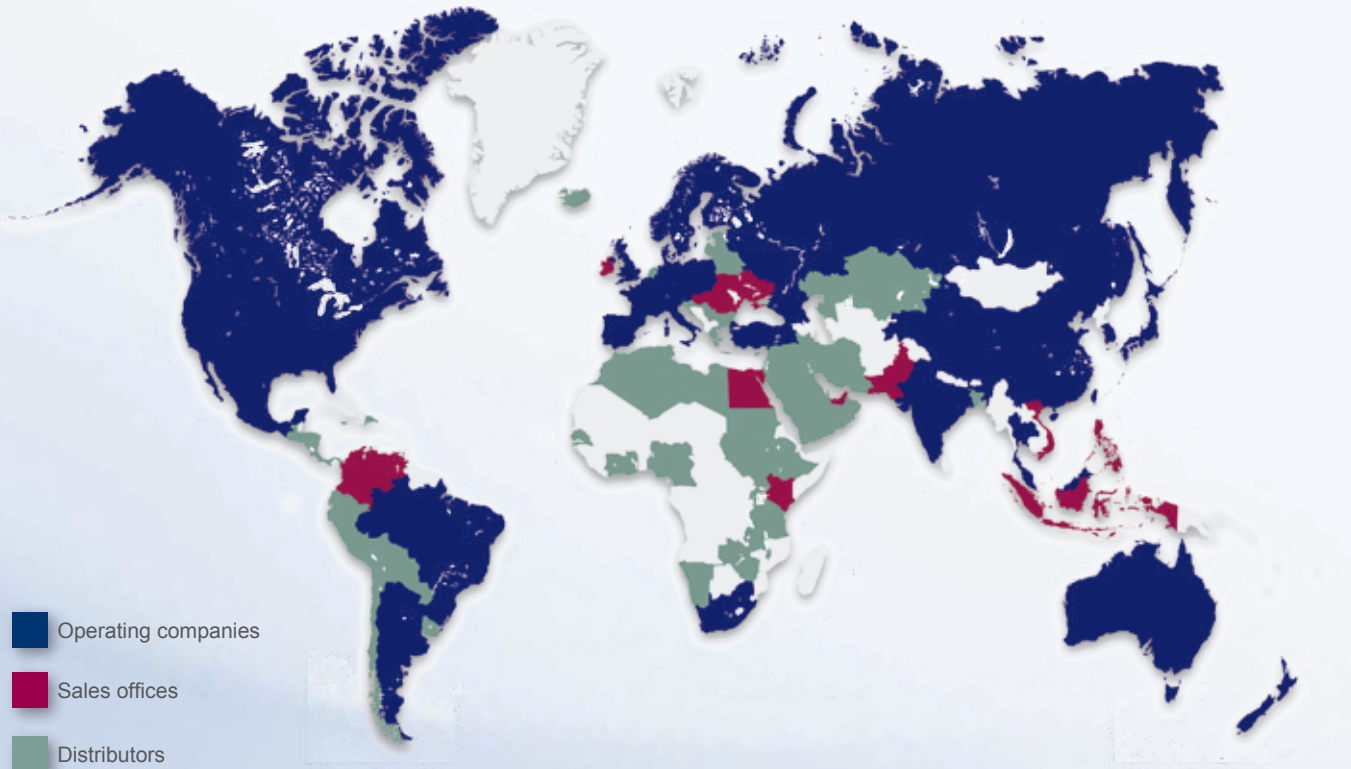
Spirax Sarco works together with its customers to ensure a long service life of the plants and to optimize their efficiency. It is possible to choose the service that best meets your needs, from a standard service to a specifically designed for specific requests.



Courses

Spirax Sarco handles a wide range of courses and workshops, both at its headquarters and at customer sites. Our training centre is a flagship that has no equal in Italy for contents, quality of documentation and simulation equipment installed.

Global coverage



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