

» Top technology – cool solutions



Friotherm, supplier of UNITURBO® compressors and UNITOP® chillers / heat pumps, is internationally recognized for its superior advice, design, engineering, manufacturing and servicing capabilities.

» Centrifugal compressors are our business since the 1920's

History

As former member of the Sulzer and Axima Groups, we are experienced in successful managing change, a characteristic that formed us since 1878.

Today's Friotherm became legally independent by means of a management buyout in 2005.

We are the sole European manufacturer of centrifugal chillers / heat pumps and commit ourselves to professional excellence and strive to provide customers with the very best products and services.

Goals

In our business fields, we aim to be leading with regard to efficiency, reliability, quality, safety and innovation.

The long term economic success of our customers is supported by our high quality technical solutions, products and services. This in turn is the essential requirement for the prosperity of our own company. We therefore utilize all the resources, knowledge and experience available to accomplish this goal.

The people of Friotherm are the most decisive and important force working to create satisfaction for our customers and partners.

Reliability

Well-chosen specialists working to carefully conceived procedures ensure that Friotherm products and services meet the defined requirements.

Our business practices comply with International Standards Organization ISO 9001-2000.

» Who we are




Innovation is an ongoing process that requires constant improvement, invention and dedication.



Almost an obsession: Quality checks are conducted at each stage of production and assembly.



Unitop® heat pumps and chillers are the ultimate choice where high reliability and high performance are essential.



Innovation is the key factor to produce the engineering solutions of tomorrow. From the first thought of an engineer to the successful commissioning of a unit, close contact between all the specialists involved is essential.

Research and development

The research and development activities of Friotherm concentrate on optimization of compressor designs with regards to efficiency, reliability and lifetime. Our activities cover the fields of physics in all areas of radial turbo compressors:

- computer programs to calculate dynamic processes and optimize compressor layout
- design of compressor parts and entire compressors
- enhancement of geometry and strength properties
- optimization of materials and of the manufacturing process

In house research programs of our specialised staff guarantee for continuous implementation of innovative ideas.

Engineering/Contracting

Our experienced engineers provide cost effective solutions to satisfy customer requirements. They are capable of handling large and complex contracts, comprising mechanical and electrical requirements of entire liquid cooling plants and heat pump systems.

Efficient procurement, expediting and cost control is assisting us to fulfil the contracts on time and within the budget.

Construction

We manufacture and assemble compressor in Winterthur, Switzerland. Where feasible we procure heat exchangers, pressure vessels and auxiliary equipment in the countries of our customers to provide a high local content. In order to reduce lead times, we continuously strive to increase our productivity in manufacturing and assembly.

Erection and commissioning

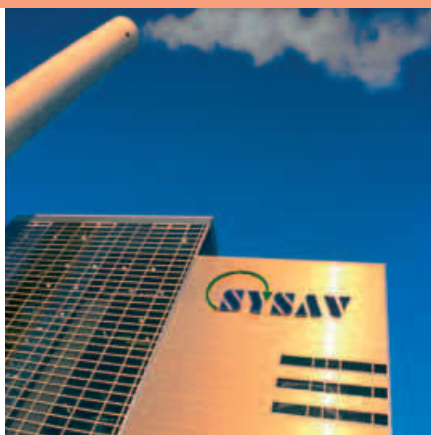
Ease of access for operators and maintenance engineers is a prime design consideration. Friotherm liquid chillers and heat pumps are designed, built, installed, commissioned and serviced by most skilled engineers. Their expertise and long experience are at our clients service.

We are committed to provide superior customer support service and we ensure that our liquid chillers and heat pumps attain full performance, thus meeting the expectations of our customers.

» Supporting your success




Installed in a district cooling plant in Paris, France, Unitop® chillers are a smart and secure solution to cope with the need for high reliability district energy systems.



Designed for maximum reliability even under harsh operating conditions Unitop® heat pump units are the ideal solution for industrial applications such as waste heat recovery from flue gas systems in Scandinavia.



Unitop® chillers provide peace of mind by cooling deep mine activities in a South African gold mine with high efficiency.



Our customer support group provides services such as retrofits and analysis of operation and maintenance. We provide engineering for any application and process and optimize entire liquid chillers and heat pump systems.

Consulting

Expert service from Friotherm is available at several strategically located sites around the world for the analysis of existing installations, retrofits, trouble shooting or preventive maintenance contracts. Technical-, economical- and ecological aspects of our clients plants are always considered by our consulting engineers. We want to support satisfied customers.

Maintenance

Our service organization serves all our customers in a fast, most reliable, competent and economical way, worldwide. Our experts are available for periodic inspection and to assess the conditions of liquid chillers and heat pumps. They also replace parts in time and tune controls for optimum operation performance. Overhauls and repairs are done on site. We provide specialised component repair service to ensure top performance of your plant.

Training

We provide operating and maintenance training to help our clients optimize their plant operation, making sure that all operating personnel is fully equipped to run any plant safely and with the optimum efficiency.

Spare parts

Replacement parts are rapidly available. Our highly sophisticated organization makes sure that our clients are efficiently and economically supplied with the spare parts needed to keep all Friotherm equipment performing properly. We also help optimizing our customers spare parts inventory.

» Assistance for a lifetime



The most efficient, most economical solutions are designed by our experienced engineers who work together with our clients to understand their needs.



Pride in craftsmanship, a commitment to quality and attention to detail are evident throughout Friotherm.



Truly a product to be proud of!



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