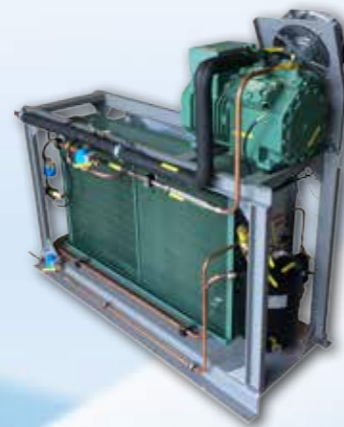


You have a project -
we have the right solution.

Worldwide Commissioning – Worldwide Customer Service
References Everywhere



Our installations have been in use producing top-quality products worldwide for over 10 years

Our goal throughout is maximum product reliability, the highest economic efficiency and perfect service.

KUSTEC cooling solutions are used anywhere that reliability and accurate temperatures are important and for nearly any requirement.

Whether as an individual fabrication or series production, optimal operational reliability hallmarks our refrigeration installations.

Cooling solutions are available using the latest technologies and with high claim to quality and reliability, ready to serve you faithfully under the harshest of conditions. We provide the greatest operational reliability and high efficiency by using technologies that are in the lead industry-wide.

From the first consultation up to realisation, we provide competent, individual advice. We conceive and produce modern, high performance refrigeration installations. We offer the right solution for every customer

Optimal processing temperature control, high-performance and energy efficient refrigeration installations. Lower operating costs with heat recovery.

Ask us any question related to your cooling needs with confidence. We provide a comprehensive range of services that leaves no question unresolved and assures optimal refrigeration for you as the operator.

Leading companies from the following industries belong to our worldwide customer base

- Laser technology
- Machine tools
- Plastics industry
- Surface technology
- Packaging
- Plastics molding
- Extrusion installations
- Chemicals and Pharmaceuticals
- Metal processing industry
- Foodstuffs industry
- Laboratory- and environmental technology
- Research and development
- Pressing technology
- Medicine and laboratory
- Environmental technology
- Gastronomy
- Refrigeration and deep-freeze cells
- Process cooling using cold water

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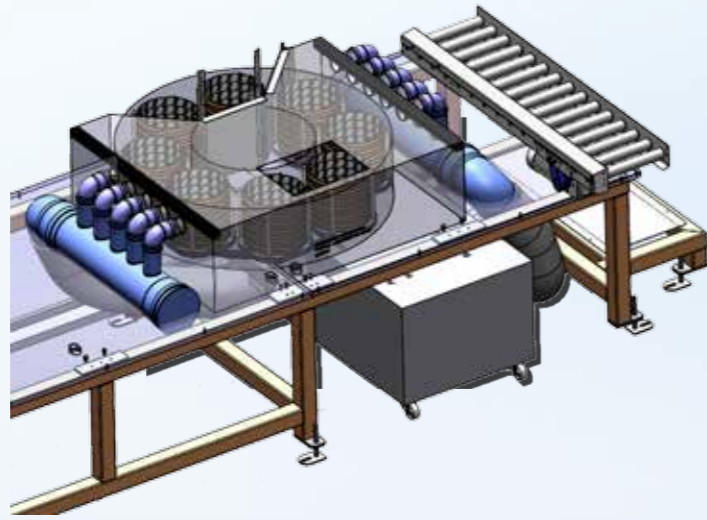
Kälte- und Systemtechnik GmbH
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E-Mail: office@kustec.at




Industrial Refrigeration



KUSTEC rises above the competition in many areas of industrial refrigeration through experience and careful device planning.



Indexing table – cooling steel rings.

Indexing tables for cooling heated steel rings. Cooling occurs via air blown on the steel rings. For greater energy efficiency, the air blown on the steel rings is suctioned off and thus forms an air circuit.



The complete cooling installation from one provider. On request, we provide an entire modular system that allows assembly of the cooling installation. This comprises e.g. the individual chillers, a heat exchanger, pumps, buffer storage, cooling points-air cooler along with the corresponding controls.



Cooling has become an important component of quality assurance. Whether continuous cooling of goods or cooling storage areas or offices, whereby a better air conditioning is achieved.

Cooling in the most varied temperature ranges is increasingly used to satisfy quality and efficiency requirements. Numerous installations are thereby often required in parallel, serving the different requirements.



Gas drying and cooling.

Many gas purification processes require cooling and drying.

The gas is thereby cooled and dried in heat exchangers associated with the use of cold water. Water vapour condenses when the temperature goes below the dew point. The resulting condensate is collected and drained.



Gaseous hydrogen GH2 filling stations

You compress the hydrogen to a filling pressure of up to 700 bar, thus permitting vehicle fuel filling as is common today with petrol and diesel.

Temperature-compensated fuel filling

And here we come into the picture, to avoid tank warming the hydrogen is cooled to -40°C with our cooled-down system.



The use of refrigeration for various processes is unavoidable in industry. The area of application may be manifold and possibly distributed throughout numerous locations. In this case KUSTEC offers solutions for larger applications, but also usage at various locations with a set-up of devices that is decentralised. An overall system allows coupling numerous applications to one another and only one system serves all applications.

You have a project – we have the right solution.