



THE HEART OF FRESHNESS

ONE STEP AHEAD

SCHAUFLENER ACADEMY

THE INTERNATIONAL BITZER TRAINING CENTRE



WELCOME

to the SCHAUFLEER Academy, next to our competence centre for screw compressors.

In our role as a technological leader, we offer customers and partners optimal support in all things relating to refrigerants, intelligent electronics, energy efficiency and current legislation from our new training centre. The SCHAUFLEER Academy consists of five theoretical training rooms and three cutting-edge rooms for practical seminars.

Here at the SCHAUFLEER Academy, we can simulate real system conditions and present compressor electronics in operation. Our experienced BITZER engineers and technicians share their practical expertise with small groups in both German and English. And who better to do so, as they know exactly what the customer needs. On request, we can also support other languages via simultaneous interpreting. You can find the latest training dates on our website.

From a technical perspective, the building is absolutely state of the art, having won numerous awards for its innovative energy concept. The SCHAUFLEER Academy is home to a solar thermal collector, an underground ice storage, an efficient heat pump with BITZER compressors and a combined heat and power unit, which allow temporarily available cooling and thermal energy to be stored and retrieved when needed.

It is certainly worth making the trip to Rottenburg-Ergenzingen: if you like, we would be delighted to give you a tour of the neighbouring screw compressor factory, too.

We look forward to seeing you there!



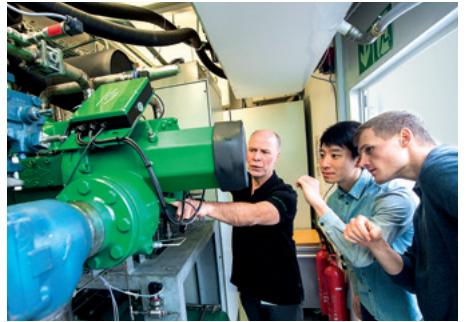
Yours, Volker Stamer
SCHAUFLEER Academy Director



AMMONIA TRAINING

Ammonia has a long history as part refrigeration and today its range exceeds industrial applications. Held in small groups, the training course covers background knowledge on thermodynamics and safety, provides valuable system and servicing tips and teaches practical methods for handling Ammonia.

- // The system: set-up and design
- // Ammonia systems in operation
- // Maintenance of open-drive compressors



HYDROCARBON TRAINING

Hydrocarbons are part of natural refrigerants, boasting low GWP. When properly installed, propane and propylene systems can be extremely efficient. The seminar offers both practical and theoretical content relating to the refrigerants, safety issues and servicing.

- // Safety when working with hydrocarbons
- // The system: configuration, control, ventilation
- // Maintenance



CO₂ TRAINING [SUBCRITICAL AND TRANSCRITICAL]

CO₂ is one of the refrigerants of the future. Its GWP of just 1 means it is virtually climate-neutral, making it suitable for a wide range of applications, such as in supermarkets. CO₂ components must however be able to withstand specific thermal loads and high operating pressure.

We can ensure that planners, operators and service personnel are optimally prepared for these specific operating conditions.

- // System technology: installation and operation
- // Correctly selected components
- // Commissioning and charging
- // Troubleshooting



TRAINING FOR REFRIGERATION COMPRESSORS WITH FREQUENCY INVERTER

Frequency inverters increase a systems' part load efficiency, allowing the speed of the refrigeration compressor to be seamlessly synchronised with the operating requirements, thereby reducing energy costs. The seminar covers the use, function and impact of frequency inverters in refrigeration systems and the electricity grid.

- // The function of frequency inverters
- // The optimal selection of frequency inverters and compressors
- // Commissioning
- // Data log and interpretation



TRAINING FOR SCREW COMPRESSORS WITH FREQUENCY INVERTER

BITZER frequency-controlled compact screw compressors boast impressive part load efficiency. Among other topics, seminars will include current efficiency regulations, the integration and function of CSV compressors as well as monitoring and troubleshooting.

- // CSV compressors: design and functionality
- // Frequency inverters: configuration and commissioning
- // Troubleshooting




REGISTRATION INFORMATION

Interested in our wide range of seminars? You can find all of the latest information on dates and training courses on the BITZER website, where you can also get in touch with a contact partner who can assist you and where you can also sign up for our seminars. We look forward to seeing you there!



RENT THE ACADEMY

You can book the SCHAUFLEER Academy for your own events. Three of the classrooms can be combined into a large hall with capacity for up to 120 people. See our website for further details.



BITZER Kühlmaschinenbau GmbH // Plant Rottenburg // SCHAUFLEER Academy
Peter-Schaufler-Straße 3 // 72108 Rottenburg-Ergenzingen // Germany
Tel +49 [0]70 31 932-444 // Fax +49 [0]70 31 932-54 44
academy@bitzer.de // www.bitzer.de

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