



▶ **Engineering  
for tomorrow.  
Since 1871.**



THE EJECTOR COMPANY

Leading technologies in jet ejectors,  
vacuum and environmental solutions

Engineering services, equipment and systems



- We manufacture cutting-edge jet ejector, vacuum and environmental solutions
- We focus on engineering and core competencies in niche markets worldwide
- We have subsidiaries and agencies globally



## Made in Germany Engineered in Hanover

### ENGINEERING SERVICES, EQUIPMENT AND SYSTEMS FOR PROCESS ENGINEERING APPLICATIONS

#### Engineering excellence for more than 150 years

Körting has stood for superb engineering and uncompromising quality since 1871. These two strengths underpin everything we do.

#### Expertise under one roof

Our corporate culture is all about developing solutions for customers that are tailored to the challenges they face. To do so, we have all the expertise required under one roof – from engineering to production to commissioning. An integrated approach that has shaped our company for more than 150 years. And impresses our customers again and again.

Our definition of quality is also to provide a performance check during production. This is not a given in the industry by any means, but necessary for us to achieve the engineering excellence we strive for. Because this is the only way we can create durable, reliable and customised solutions that offer real added value, such as:

- Tailored support
- Superior process suitability
- Reliable processes guaranteed
- Excellent energy efficiency

### Quality guaranteed

We don't just guarantee quality by creating integrated process chains. Our cross-departmental quality management team casts a critical eye on all areas of the company. What's more, we frequently ask independent institutes to certify us – in terms of quality and our company's health management system (examples):

- DIN EN ISO 9001:2015
- DIN ISO 45001:2018
- AD 2000 HPO
- DGRL 2014/68/EU directive (Europe)
- Manufacture Licence ML (China)
- TR CU certificates (Russia)
- ASME-U stamp (US)

### SUSTAINABILITY ACTIVELY PRACTISED

To us, sustainability is no short-lived fad, but an integral part of our 150-year history. It all started with our desire to make durable equipment and systems to our consistent energy-efficiency goals all the way to decades-long relationships with customers.



- Our technical lab and production team work hand in hand
- The quality of our own products is checked on special test rigs
- Quality certified to standards recognised worldwide



JET EJECTORS



VACUUM TECHNOLOGY



WASTE GAS CLEANING

ENVIRONMENTAL  
TECHNOLOGY

# Used everywhere

## ▶ EVAPORATION TECHNOLOGY

Körting thermocompressors in evaporators ensure outstanding energy efficiency.

## ▶ FERTILISER PRODUCTION

Körting HP ejectors lead the world in urea-reactor recycling processes.

## ▶ PAPER MANUFACTURE

Steam jet compressors guarantee a regular process and high product quality.

## ▶ PETROLEUM REFINING

Our steam jet vacuum ejectors and surface condensers are used in refineries.

## ▶ SHIPBUILDING

Körting water jet ejectors are a permanent fixture of the shipbuilding industry and used as bilge pumps or to create fresh water.

## ▶ EDIBLE OIL PROCESSING

During edible oil processing, Körting steam jet ejectors guarantee efficiency and reliability at many steps in the process.

## ▶ CHEMICAL INDUSTRY

Körting supplies customised solutions for vacuum generation from 0.01 mbar suction pressure and from 0.5 kg/h suction flow.

## ▶ STEEL DEGASSING

Körting's steam jet vacuum ejectors are used in steel degassing.

## ▶ OPERATING POWER STATIONS

Körting's turbine condensers, as well as steam and water jet vacuum ejectors for condenser deaeration are integral components of steam power plants.

## ▶ POLYESTER MANUFACTURE

Körting's glycol steam jet vacuum systems guarantee reliability and have a minimal impact on the environment.

## ▶ OLEOCHEMISTRY

Vacuum systems offer superior reliability in the production of fats.

## ▶ REFRIGERATION

Körting's vacuum cooling systems are energy-saving solutions used to generate cold water and for crystallisation processes.

## ▶ GAS CLEANING

Körting's gas scrubbers have played a key role in cooling and removing dust during gas scrubbing for decades.

## ▶ DROPLET SEPARATION

Körting's swirl droplet separators play a major role in terms of compliance with emission regulations and protecting the environment.

## ▶ WATER TREATMENT

Jet ejectors are a core component of gas injection systems and used in waste water aeration for instance.

## ▶ TEXTILE FINISHING

When recovering caustic soda, evaporators ensure the process is efficient in terms of costs and energy.

# Driven by solutions - the Körting Portfolio

## JET EJECTORS & VACUUM TECHNOLOGY



### Jet ejectors

for a wide variety of motive and suction media for conveying and mixing liquids, gases, vapours and solids at up to 300 bar operating pressure



### Condensers

designed as mixing and surface condensers for process engineering applications



### Multi-stage steam jet vacuum systems

as a combination of steam jet ejectors with mixing or surface condensers for creating a vacuum in multiple applications



### Process engineering systems

for example, Körting ice condensation vacuum systems and vacuum cooling systems



### Liquid ring vacuum pump systems

for diverse customised applications and processes – as stand-alone solutions or in addition to existing steam jet vacuum systems



### Liquid jet mixing nozzles and tank mixing systems

an ideal alternative to mechanical agitators

## WASTE GAS CLEANING & ENVIRONMENTAL TECHNOLOGY



### Injection systems for air and oxygen

e.g. for aerating waste water and injecting ozone



### Venturi and jet scrubbers

for cooling, scrubbing, conveying and separating out particles from waste gas



### Swirl droplet separators

for separating out even difficult products from waste gas



### Caustic recovery plants

Evaporators for sustainable and cost-efficient production in the textiles industry

# Körting worldwide

We listen to what our customers say and provide the solutions to match. Which is why a strong customer focus is important to us and we have experienced contacts in various regions and markets across the globe.

## Brazil

Koerting do Brasil Ltda.

## China

Körting Trading (Beijing) Ltd.

## Germany

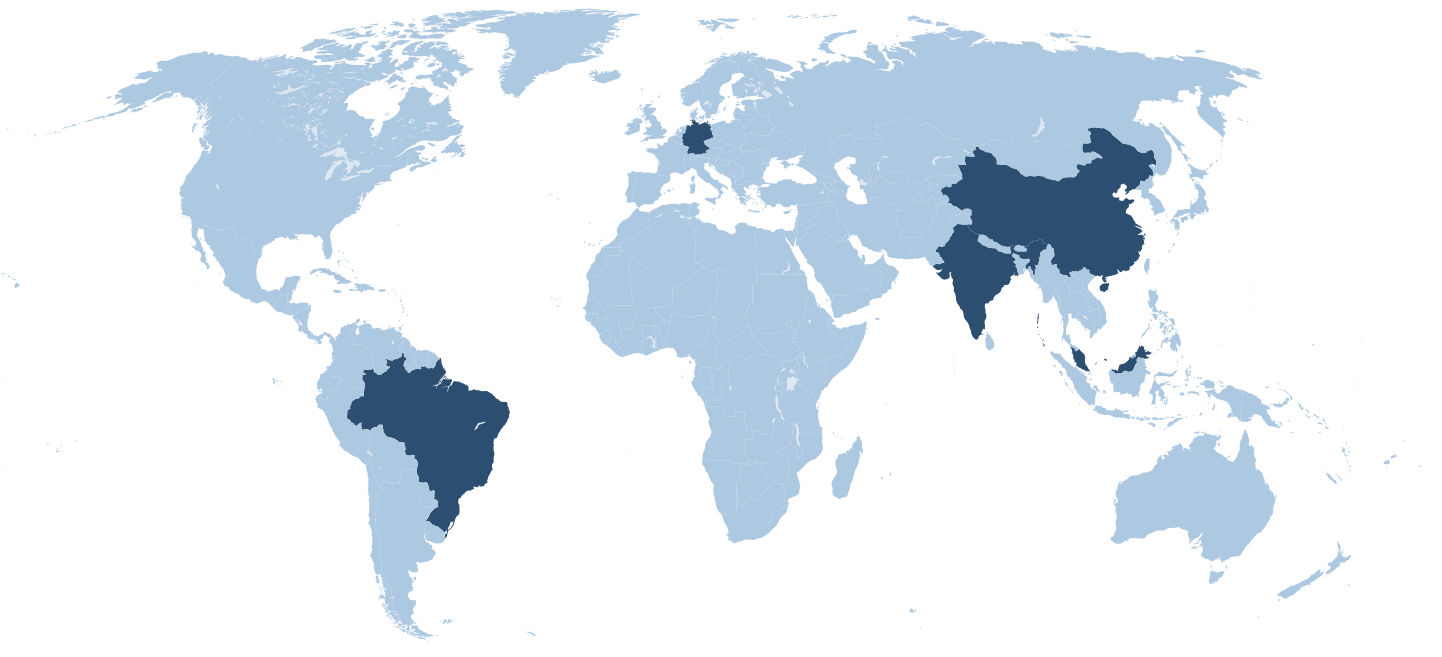
Hans Hennig GmbH

## India

Koerting Engineering Private Ltd.

## Malaysia / Singapore

Koerting SEA Sdn. Bhd.



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