



▶ **Systems with
liquid ring
vacuum pumps**



THE EJECTOR COMPANY

Mechanical vacuum pumps
for process engineering applications

Standard and customised versions

Körting liquid ring vacuum pump systems

Liquid ring vacuum pumps are mechanical vacuum pumps. They use electricity to create a vacuum and therefore stand apart for low operating costs. They are used to convey gas or steam mixes.

CUSTOMISED DESIGN

We offer standard variants and versions customised to your specifications and process requirements.

As an independent system supplier, Körting can select from a range of components made by diverse manufacturers. We'd be delighted to discuss options with you in more detail.



You can find more information and a practical contact form to obtain a quote quickly at:
koerting.de/en/liquid-ring-vacuum-pumps.html

BENEFITS OF THE KÖRTING SYSTEMS WITH LIQUID RING VACUUM PUMPS

- Customised hybrid systems with jet ejectors, condensers, and liquid ring vacuum pumps
- Designs tailored to the process concerned
- Oil-free compression (no contamination of the product)
- Ability to withstand most liquids, vapours, and small particles
- ATEX-compliant design is possible
- Körting is an independent system supplier – customers can choose between component manufacturers
- Over 150 years of experience with technical vacuums for the processing industry

Liquid ring vacuum pump systems are made in the Körting factory in Hanover, Germany.



STANDARD VARIANTS

Once-through operation with

the following system components:

- Liquid ring vacuum pump (1- or 2-stage)
- Motor
- Coupling
- Plinth
- Fittings required



Benefits

- Low investment costs
- Exceptional reliability
- No concentration of the suction medium in the liquid

Combined once-through operation

with the system components such as once-through operation as well as:

- Connecting pipes
- Separators (side-mounted or overhead separator)
- Ball check valve



Benefits

- Low investment costs
- Less fresh water required
- Lower running costs due to less waste water

Full recovery operation with heat exchanger

with the system components such as combined once-through operation as well as:

- Heat exchanger (sealed, soldered or welded)



Benefits

- Very low fresh water requirements
- Very low running costs due to minimal waste water
- Very efficient heat recovery via heat exchangers in a service-friendly design for easy maintenance and repair

Full recovery operation with tube and shell heat exchanger

with the system components such as combined once-through operation as well as:

- Tube and shell heat exchanger



Benefits

- Very low fresh water requirements
- Very low running costs due to minimal waste water
- Ideal for use with media contaminated with fibres and particles



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