



### GULLIVER® pneumatic waste water transportation

Waste water and sewage are collected and transported without blocking by means of compressed air. With every pumping action oxygen is injected into the waste water which ensures that it remains aerobic. The whole pressure pipe is completely emptied by pneumatic flushing on a daily basis thus avoiding sedimentation and the formation of drain skin.



Pumping station on a motorway



Effective technology – pneumatic and hydraulic transportation

### Compressed air stations

The hoelschertechnik-gorator® compressed air stations ensure that waste water which stays too long in the pressure pipe is aerated. This prevents the formation of drain skin and hydrogen sulphide.



Concrete equipment cabinet



Cabinet with screw compressor and an integrated pump control

### Hydraulic pumps

Depending on the application, the pumps for the pressure drainage are equipped with impellers or cutting devices. The use of dry-installed pumps is preferred for maintenance-friendly operation.



Submersible pump



Dry-installed pump

### Elevator plants

Waste water elevator plants are prescribed in accordance with DIN 1986 for dewatering under specific conditions. Waste water from lavatories and urinals and waste water which causes an odour nuisance must be collected in closed and odour-proof containers which are freestanding on all sides.



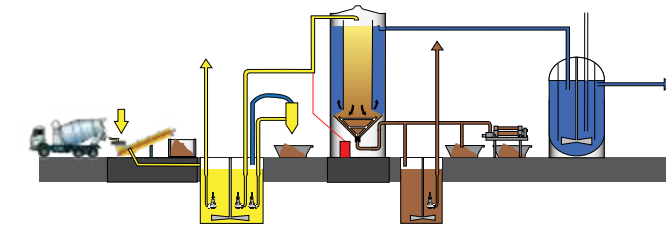
Type WK 1D



Type NSK 2D

### KLÄRFIX® recycling of process water

The recycling of process water allows the re-use of rinsing water and other constituents in the concrete industry.



{ Wash-out screw } { Agitation Pool } { Cyclone } { Sedimentation tower } { Sludge recycling } { pH neutralization }

### Automation and telecontrol

For the analysis of the large data volume arising in the plants, we offer comprehensive monitoring and reporting systems. These systems are ranging from a standard automation system to the transmission of fault reports as well as the visualization of processes.



### System Jödden fuel container

The fuel container licensed as IBC in accordance with traffic regulations may be carried without a permit to carry hazardous goods and entitles the user to carry out stationary operations and operations on construction sites.



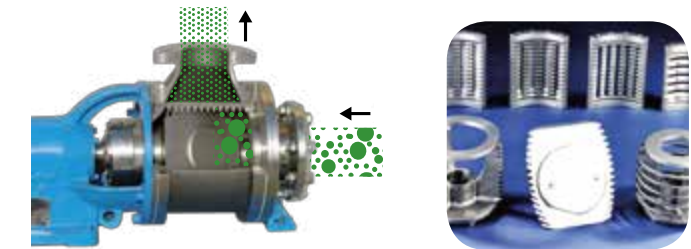
LT 1000 sets new standards



Type KB – compact design

### GORATOR® wet processing systems

The universal grinding aggregate for creating a defined grain size and stable solid-liquid mixtures. The GORATOR® can crush, defibrate, shred, grind, mix, homogenize and aerate with simultaneous pumping action. It conditions the medium in various physical and mechanical methods.



GORATOR® functional diagram

Different rotor systems

### Screening technology

Performing a modular design, hoelschertechnik-gorator® is able to deliver various screen types in standard or special design according to individual requirements. Our screens are suitable for many different applications in the industrial and municipal water and waste water treatment.



The HTS drum screen

### Steel construction

With our steel manufacture we produce components and complete products of HIMMEL® technologies. However, we will happily take over the production of steel components and offer contract manufacture for the complete range. With our laser cutting facilities, as well as the round bending and swivel ben-

ding machines, we manufacture your components to a substantial production depth without large interfaces and laborious processes.





### The Company

hoelschertechnik-gorator®



The name hoelschertechnik-gorator® GmbH & Co. KG stands for one of the leading companies in environmental technology. The various product groups provide systems and plants for the conveyance and processing of waste water and process liquids.

The company hoelschertechnik-gorator® evolved from Hoelscher Pumpen Berlin, founded in 1889. Apart from production the company also focused in the following years on the constant development and projecting of innovative ideas and technologies.

Today the company is located in Gescher - in the Western part of the Münsterland region/North Rhine-Westphalia. Numerous competent partners and agencies all over the world provide hoelschertechnik-gorator® with their support.



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## HIMMEL® - technologies hoelschertechnik-gorator®



### Group of Companies

HIMMEL® technologies



HIMMEL® technologies – this umbrella unites eight companies specializing in machine and drive engineering, control technology, plant construction, water treatment and environment engineering.

#### Our strengths

- high degree of flexibility
- personal customer contact
- family company
- individual product manufacture
- developed structures

HIMMEL® technologies represent a broad competence spectrum, on which an increasing number of customers around the globe build. Whether it is the design of one single component or a complete plant – the companies of HIMMEL® technologies offer solutions designed for your individual needs.

