

# ASTRASAND®COMPAQT Reliable and efficient sand filtration

With the lowest up-front investment costs and lowest operating costs, the most economic and compact choice compared to any conventional sand filter.



**ASTRASAND**®COMPAQT Sand filter technology is proven and recognised worldwide as the most efficient way to clean or polish municipal and industrial wastewater.

The ASTRASAND®COMPAQT is a new development in the ASTRASAND product line and is designed by Paques to meet today's customer needs. With the benefit of over 35 years of experience and more than 3,500 installations in sand filtration, Paques has the ability to provide every industry or municipality with a tailor made sand filter system to precisely meet requirements.

# About ASTRASAND®COMPAQT

### Lowest investment costs\*

- 30% reduction in height
- Lower cost of ancillary materials
- Shortest lead time
- Flexible size range

# Highly efficient, reliable system

- Better sand velocity distribution
- Low risk of plugging
- Worldwide proven filtration process
- Stable performance

# Lowest operating costs\*

- 20% lower energy consumption
- Reduced life cycle cost
- Chemical and corrosion resistant materials
- Lower maintenance costs
- Better carbon footprint

<sup>\*</sup>Compared to conventional sand filters from any supplier

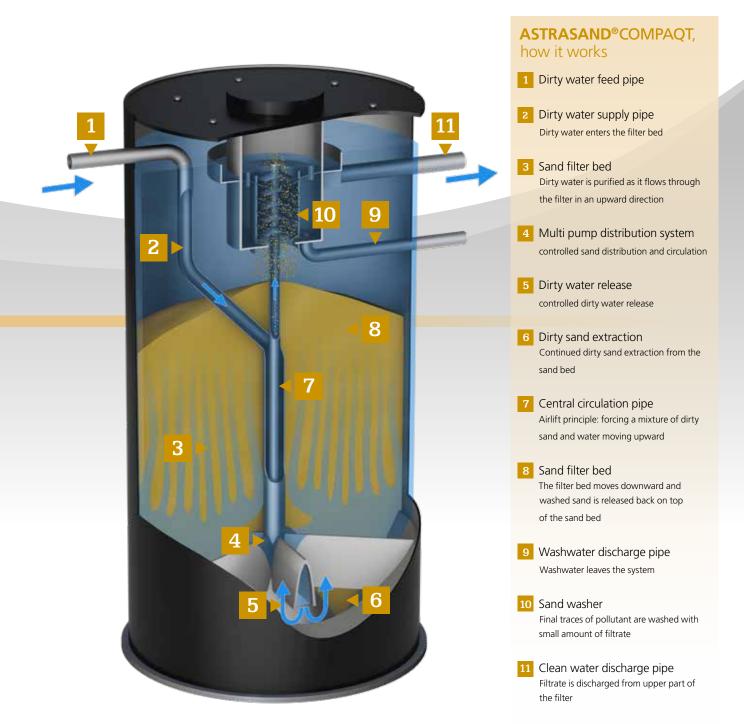
# **ASTRASAND®COMPAQT**

# Operation principle

**ASTRASAND®**COMPAQT Sand filtration is a proven filtration process that can be utilised for many types of wastewater, with unit capacity varying from only a few to several thousand m³/hour. It is a highly efficient and reliable system, which offers a short lead time and a better sand velocity distribution than conventional sand filters. With a non-metal tank and use of materials that are resistant to chemicals and corrosion it also offers lower operational and maintenance costs.

# Characteristics of the ASTRASAND®COMPAQT

- Small footprint easy to install in larger treatment systems
- Polishing of municipal and industrial waste water
- Reuse of water, in combination with polishing, membrane filtration and disinfection
- Direct filtration of surface water with in-line flocculation
- Aerobic biological purification of water, e.g. for MAC and PAC degradation
- Wash water treatment in drinking and process water production processes
- (Biological) side stream filtration of cooling water



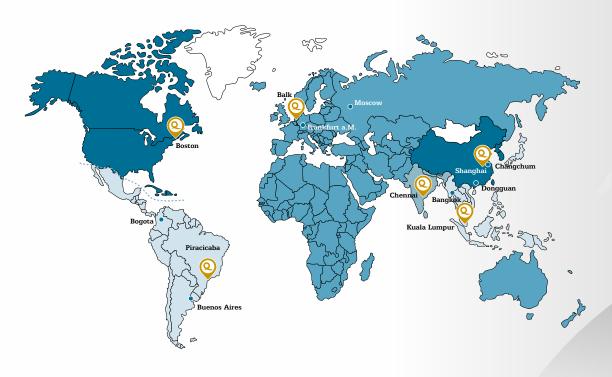


# Paques: leading in biological wastewater and gas treatment

For more than 35 years, Paques has been one of the world's leading companies in the field of development and construction of cost-effective purification systems for water, wastewater and gases, based on innovative biotechnology. With over 2,550 reference installations worldwide, Paques has helped companies and municipalities to contribute to one of the major challenges of today: to reduce their water and carbon footprints and reclaim valuable resources.

The biogas produced by the wastewater treatment plants can be used as green energy in boilers or gas engines. Besides the headquarters in The Netherlands, Paques has subsidiaries and/or production locations in Russia, China, Brazil, Argentina, Colombia, United States of America, India, Malaysia, Thailand and Vietnam. In many other countries, Paques is represented by licensed partners. This ensures local presence and the best service for our clients worldwide.

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