HUBERT
water treatment installations

Hubair®

Hubert surface aerator

Hubert surface aerator
The use of devices to add oxygen to wastewater dates back at least to the 1880's. Mechanical aerators, originally introduced in 1920, gained popularity in the Netherlands.
Since 1960 Hubert has supplied several types of mechanical aerators. With the Simcar aerator and from 1973 with the HB-aerator, Hubert became one of the leading companies in mechanical surface aeration.

In 1990 Hubert developed a new type of vertical surface aerator, the Hubair®, with an efficiency between 2.0 and 3.2 kg O^2/kWh.

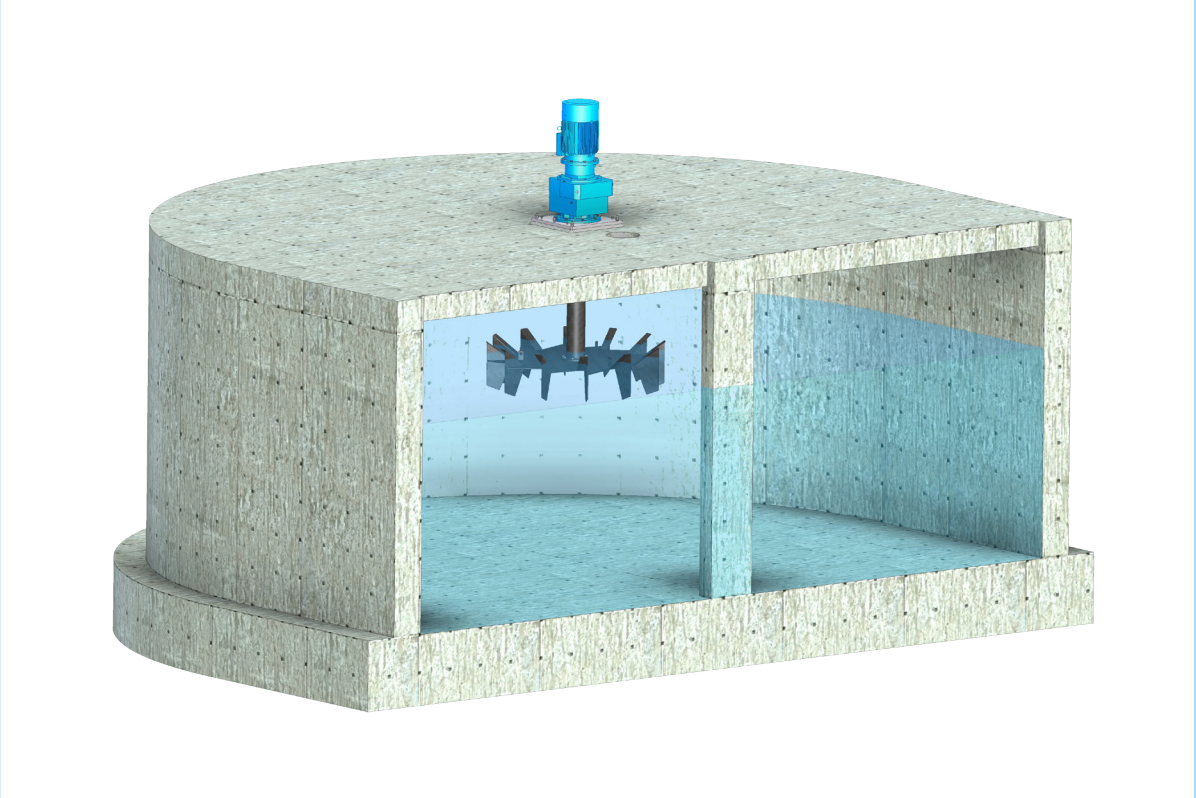
Design and construction
In standard design the Hubair® aerator is made of carbon steel with an epoxy coating. For aeration in highly aggressive environment a stainless steel aerator is available.

On special request Hubert can supply horizontal brush aerators.

Advantages
The advantages of the Hubair® aerator are:
- High oxygen input efficiency up to 3.2 kg O^2/kWh
- Low energy consumption
- Restricted aerosol emission
- Low maintenance
- Resistant to pollution
- Extremely reliable
- Extremely high oxygen input by a single Hubair® aerator; up to 500 kg o^2/h
- Excellent water propulsion and mixing capacity
- Simple control system

The Hubair® aerator is also available in floating execution for placement in tanks, large basins and lagoons.

Additional equipment
- Float assemblies
- Bridges
- Shrouds
- Aerocaps
- Bottom baffles
- Wall baffles
- Draft tubes
- Sun shields
- Noise covers



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