

## Datasheet



### Horizontal Shaft Surface Aerators with Brush





## Equipment Description

Ptech GmbH, since its establishment, has designed, manufactured, and installed surface aerators with horizontal shaft brushes in numerous treatment plants, featuring its unique design. This type of aerator provides an ideal solution for aerating, mixing, and circulating wastewater in low-depth tanks and small oxidation channels. During the design phase, the brush diameter, length, and immersion depth are critical parameters for the design of the brush aerator.

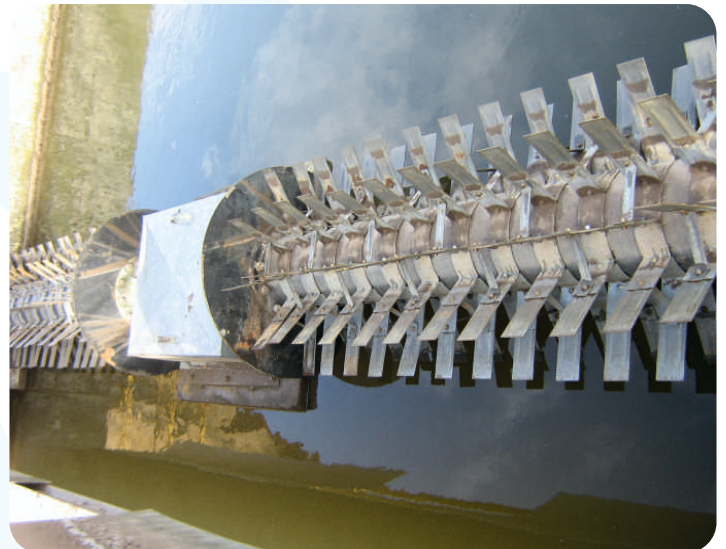
The brush aerator consists of the following:

- Drive unit
- Flexible coupling
- Shaft and Brushes
- Bearing

Various designs are available depending on the project. Ptech GmbH can design its systems to best fit the project.

## Advantages

- Low operation and maintenance costs
- High efficiency
- Minimal maintenance need
- High resistance against corrosion.





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