

SURFACE  
AERATION

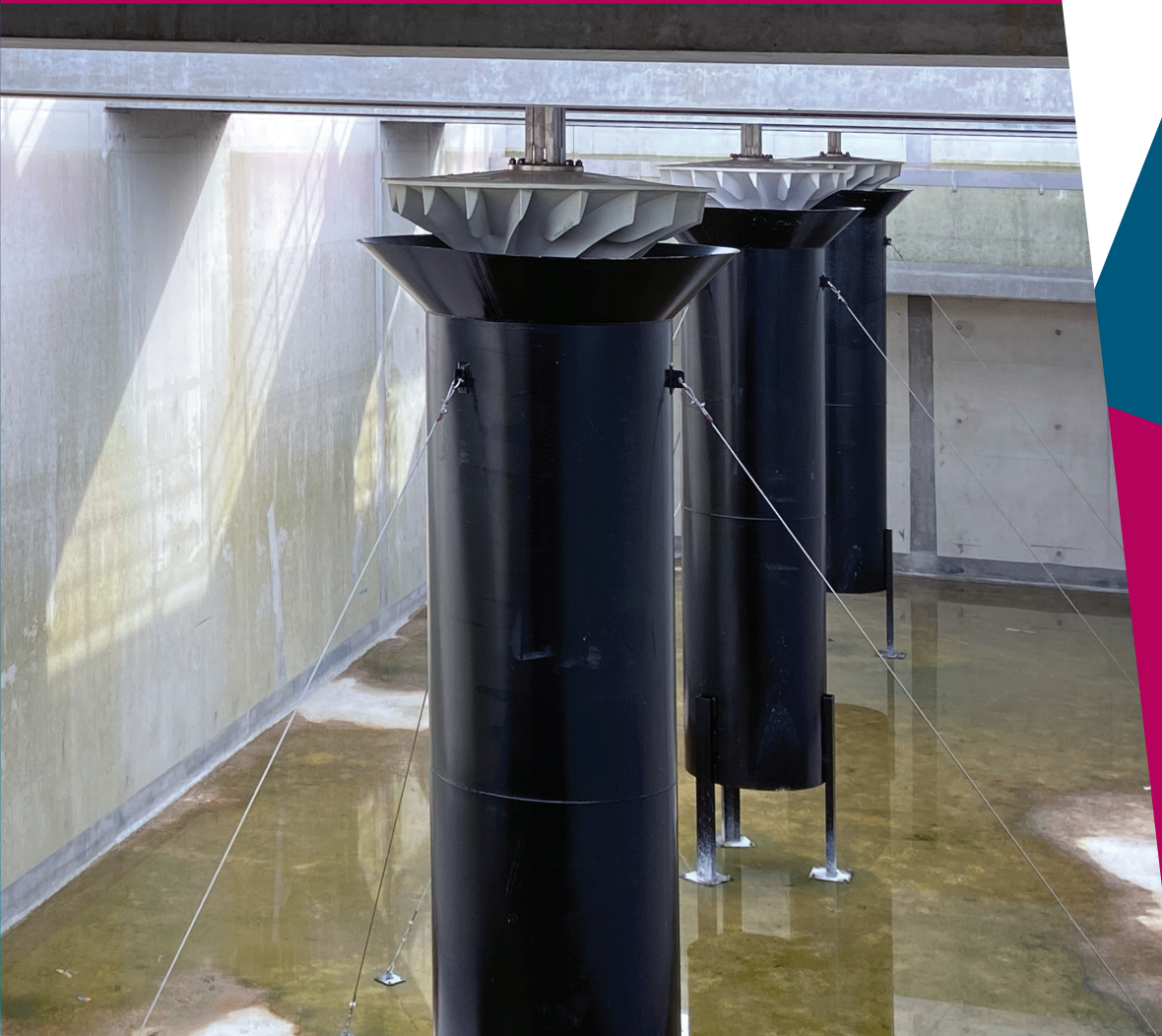
# TLF<sup>®</sup> AERATOR

LOW SPEED SURFACE AERATOR

SFA  
enviro

FIXED OR MOBILE  
AERATOR WITH ONE  
OF THE HIGHEST REAL  
YIELDS ON THE MARKET

Europelec



## MAIN CHARACTERISTICS

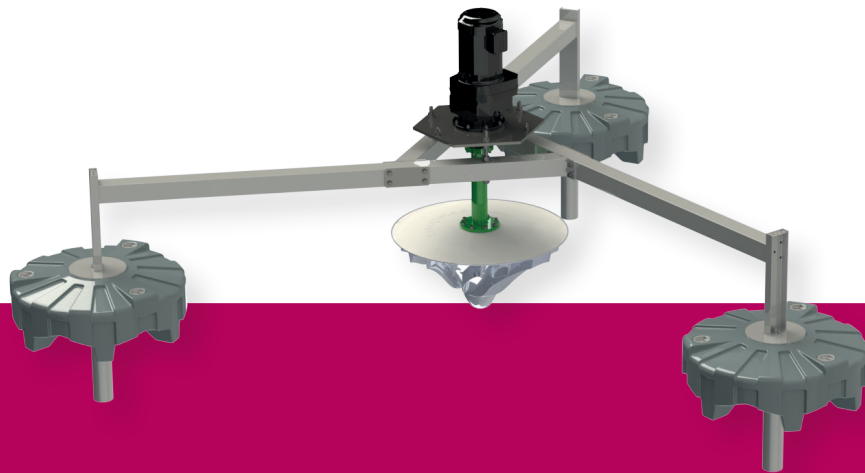
Slow speed aerators used for aeration and mixing of urban and industrial wastewater in various processes

Provided in either fixed bridge or floating designs

Ideal for Aerating most types of wastewater or industrial effluents

The TLF® Turbine Aerator is one of the most efficient aeration products in the marketplace

Produces High Mixing and Homogenous Solutions in large lagoons and ASP tanks.





## ADVANTAGES

SIGNIFICANT POWER RANGE FROM 1.5KW TO 200 KW (HIGHER POWER ON REQUEST)

MAXIMUM OXYGENATION EFFICIENCY AND EFFECTIVE MIXING

VARIOUS MATERIAL OF CONSTRUCTION FOR ALL TYPES OF APPLICATIONS

FLEXIBILITY AND CUSTOMISATION TO MEET THE CUSTOMER'S REQUIREMENTS

REDUCED NOISE ATTENUATION TO MEET LOCAL ENVIRONMENTAL REQUIREMENTS

LOW MAINTENANCE FLOATING ROTORS

CAN BE USED IN DEEP TANKS AND LARGE LAGOONS

ONE OF THE HIGHEST REAL RETURNS IN THE MARKET

**FLOATING  
TYPE  
AVAILABLE  
FOR RENT**

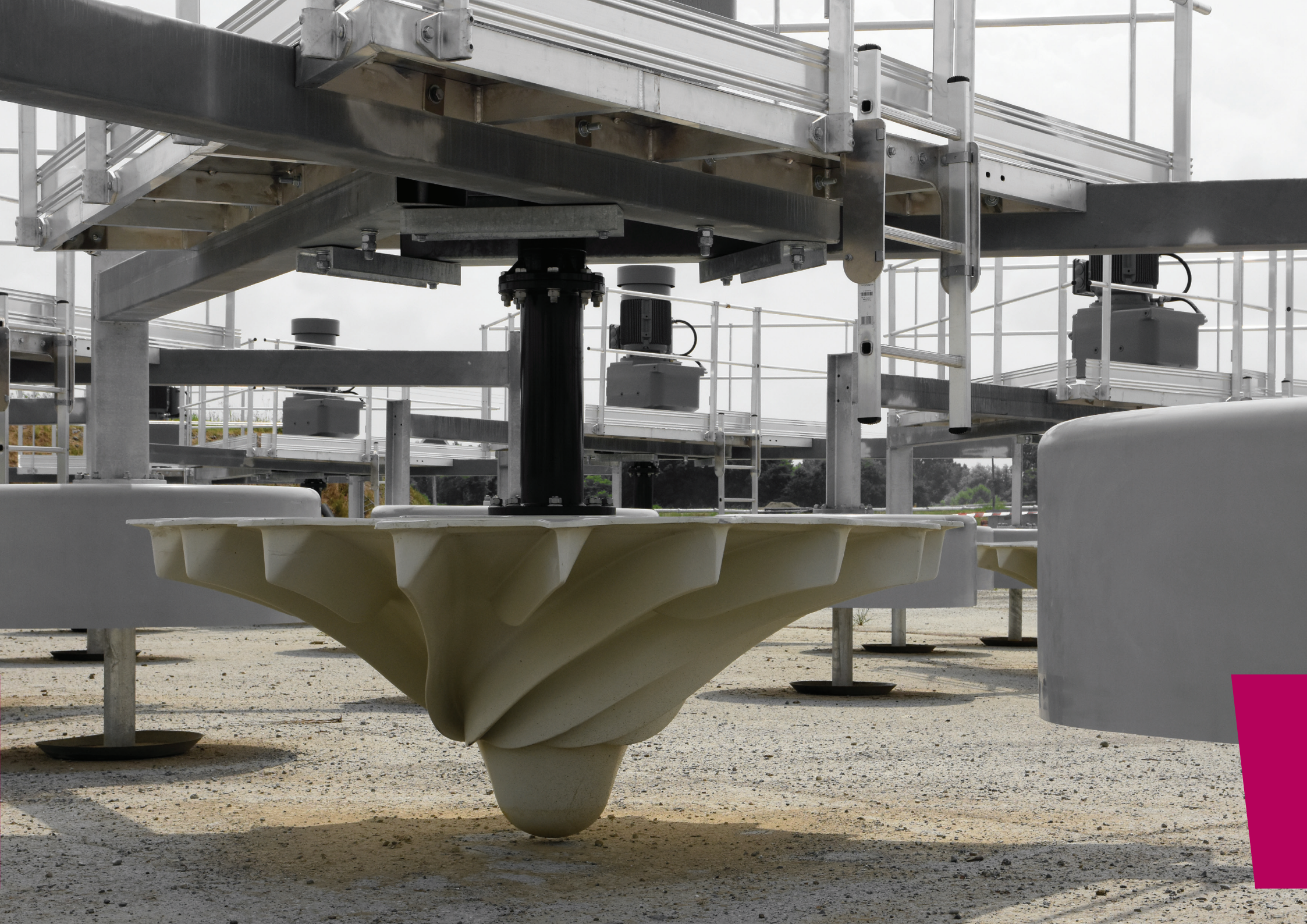
## COMPONENTS

- IP55 geared motor with IE3 highly efficient rating
- Coupling sleeve and based materials coated with high grade Epoxy Paint
- Float can me supplied in various materials including HDPE
- Rotor made of glass fibre reinforced polyester. The GRP has a low density which allows installation without having to empty the tank and the design also reduces the axial loads on the gearbox.

## OPTIONS

- Can also be provided with a cover to avoid aerosols distribution into the atmosphere
- Gear motor and cowling
  - Flexible Designs to allow for aerators to be fitted to existing civil structures or steel bridges
  - Units can be lifted readily and as one piece allowing simple installation.
  - Draft Tubes for deep basins
  - Anchoring & Cables for the Floating version
  - Possibility of mounting the low-speed aerator on a floating pontoon with or without an access platform





A STEP AHEAD IN WATER TECHNOLOGY

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