



BIOSIS WATER & ENVIROMENTAL SOLUTIONS PORTFOLIO

ABOUT BIOSIS

We are one of the leading Brazilian companies in equipment, engineering, and services for water and wastewater treatment.

For over 15 years, we've been providing customized solutions for industry and the public sector, with a focus on effectiveness and efficiency.



STATIC MIXER



AERATION
SYSTEM



FILTRATION
SYSTEM



SLUDGE
REMOVER

EFFECTIVE SOLUTIONS FOR
**WATER AND
WASTEWATER TREATMENT**

OUR CLIENTS





SLUDGE REMOVER

WINS TWO AWARDS IN 2024

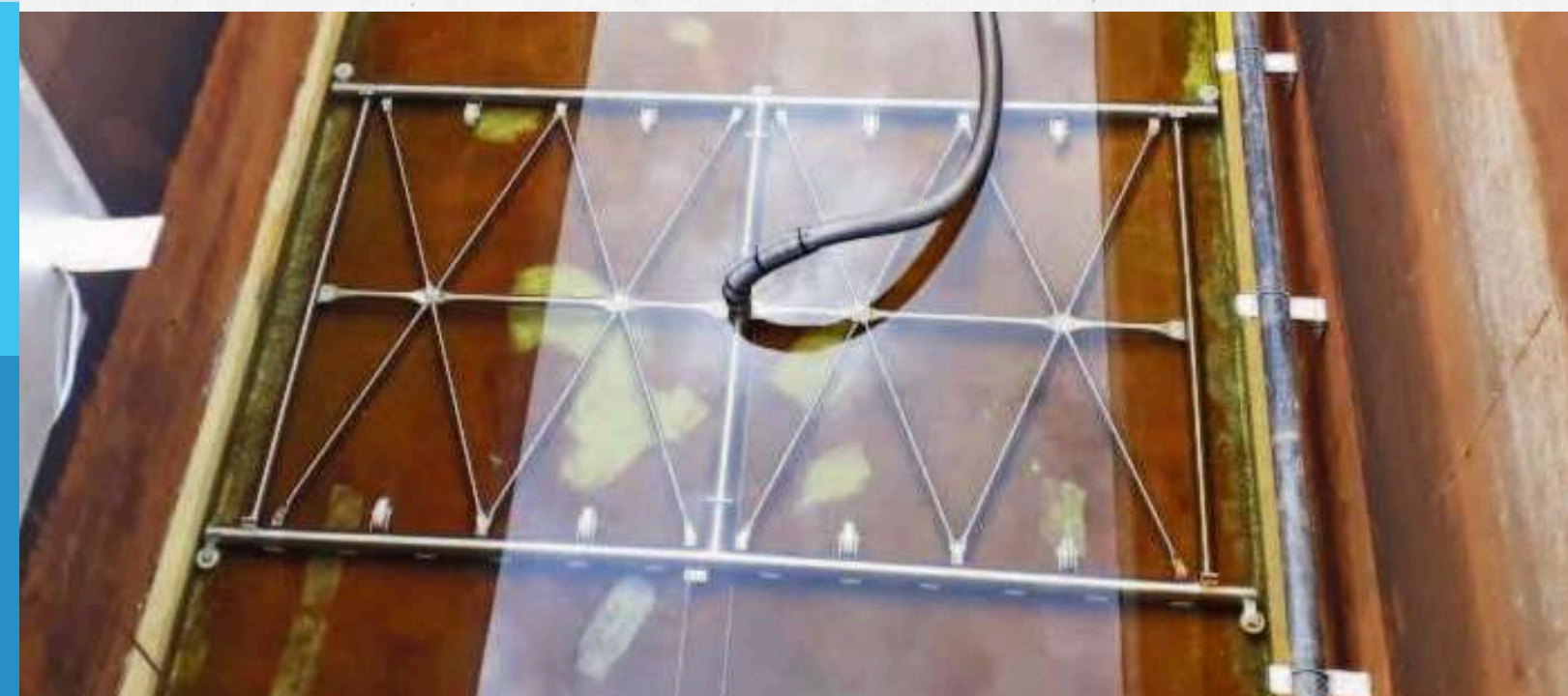


SANITATION EQUIPMENT
CATEGORY BY INEC



TECHNOLOGICAL INNOVATION
CATEGORY BY AESABESP





SUBMERSIBLE SLUDGE REMOVAL SYSTEM

BIOWASSERTRACK

BioWasserTrack® is a system that operates through **hydraulic load**, suctioning the sludge settled at the bottom of the decanter, preventing its accumulation.

The operation is **simple, flexible, and automated**.

✓ PROTECTS OPERATORS
FROM CONTACT WITH SLUDGE

✓ SAVINGS OF MILLIONS OF
LITERS OF TREATED WATER

✓ AUTOMATIC EQUIPMENT
OPERATED BY CLP

✓ CONTINUOUS OPERATION

✓ KEEPS THE STABILITY OF WATER DISTRIBUTION TO THE
POPULATION

DIFFUSED AIR AERATION SYSTEM

The **Diffused Air Aeration System** is a process for treating residential or industrial wastewater, whether biological, chemical, or physical. Its main function is **to provide oxygen** to the wastewater in a homogeneous and continuous manner.

EQUIPMENT FEATURES:

- Treats wastewater before discharge into rivers;
- Reduces electricity consumption;
- Prevents fines from environmental agencies;
- Reduces noise pollution.



FIXED SYSTEM



REMOVABLE SYSTEM



FLOATING SYSTEM

BIOSIS
Saneamento Ambiental



TECHNICAL CONSULTANCY

BIOSIS has a ***Know-How*** in technical consulting on **Diffused Air Aeration Systems**.



Team of Qualified and Experienced Engineers

Our team carries out detailed analysis, precise sizing, and the development of customized projects.



Innovative and Tailored Solutions

We thoroughly evaluate your aeration system, considering energy efficiency and cost-effectiveness.

SPECIALIZED REVITALIZATION

We are experts in **Corrective Maintenance** or **Specialized Revitalization of Diffused Air Aeration Systems**, whether supplied by our team or by third parties.



CUSTOMIZED
REVITALIZATION PLAN



REPLACEMENT OF PARTS AND
PERFORMANCE OPTIMIZATION



RESTORATION OF INITIAL
STARTUP CONDITIONS

SPARE PARTS

ESSENTIAL COMPONENTS

We provide spare parts for all main components of the
Diffused Air Aeration System.

✓ FINE BUBBLE
CIRCULAR
DIFFUSERS



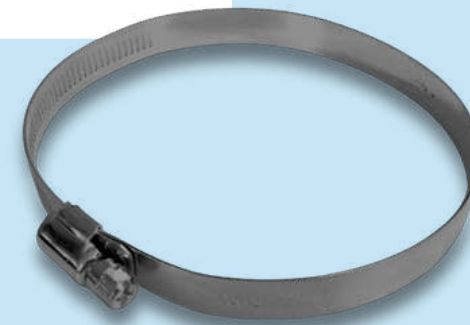
✓ FINE BUBBLE
TUBULAR DIFFUSERS



✓ WATER/AIR
HOSES



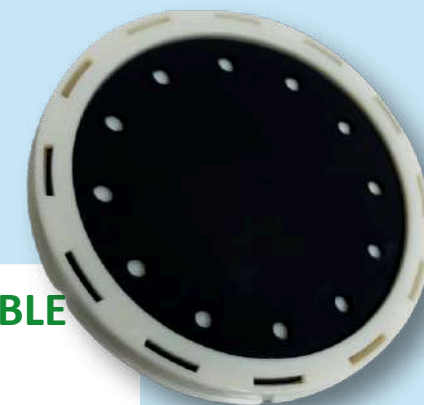
✓ WORM DRIVE
CLAMP



✓ FINE BUBBLE
TUBULAR
DIFFUSERS



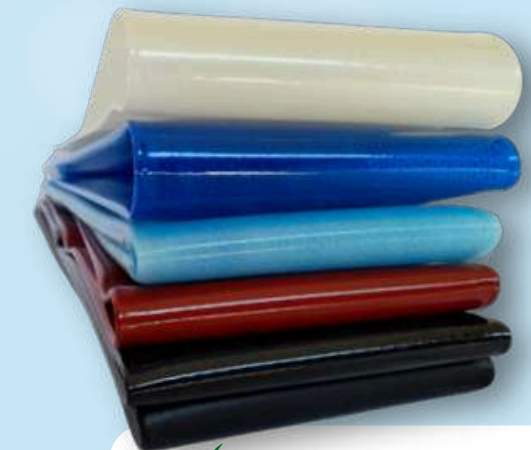
✓ COARSE BUBBLE
TUBULAR
DIFFUSER



✓ SADDLE CLAMP



✓ MEMBRANES



BIO AERATOR HS[®]

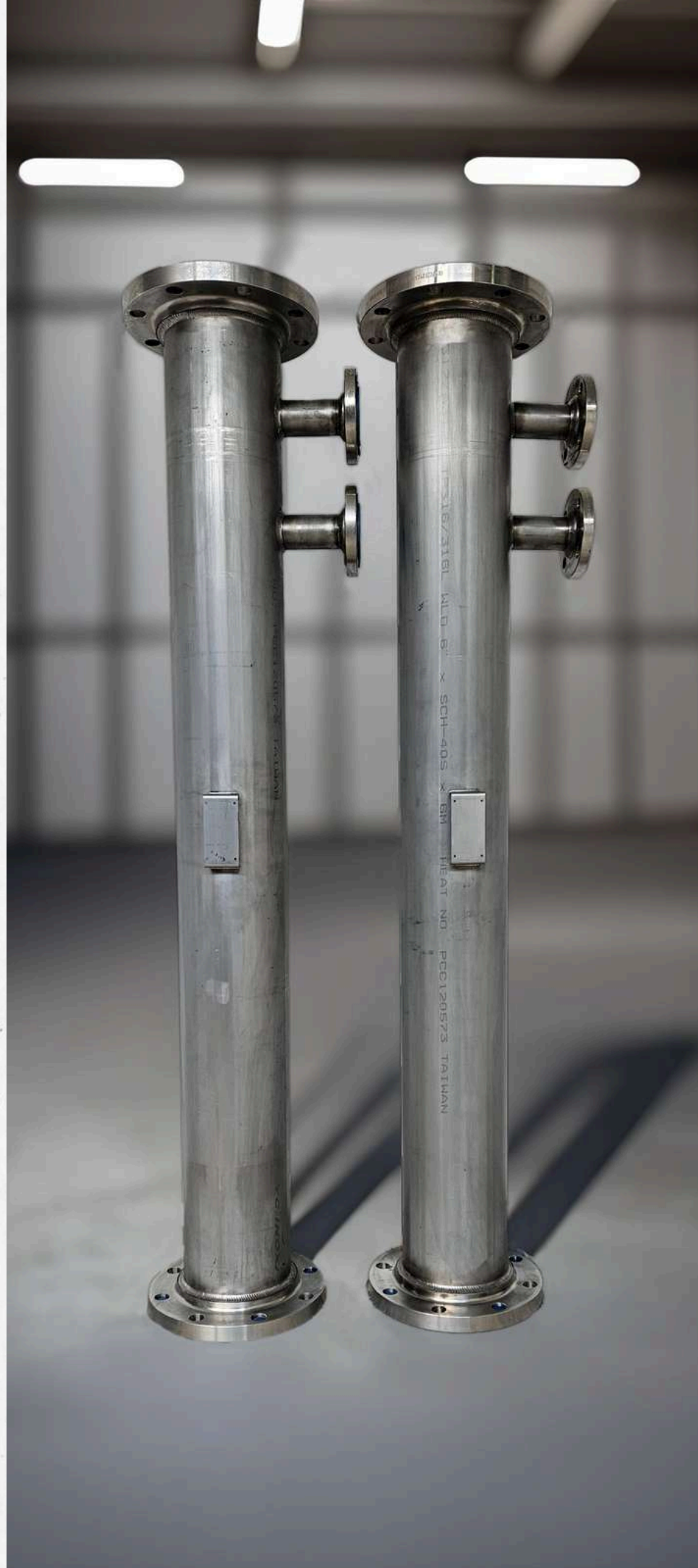
SUPERFICIAL AERATOR OF HIGH ROTATION

The **Bio Aerator HS[®]** offers excellent cost-effectiveness and easy installation, with an electric motor and propeller that ensure efficient and uniform oxygenation for your biological reactor.

BENEFITS

- ✓ Customized solutions for your treatment needs
- ✓ No adjustments required in the reactor
- ✓ Superior performance with affordable investment
- ✓ Promotes the growth of microorganisms
- ✓ Designed to reduce aerosol emissions





OPTIMIZE YOUR MIXING PROCESSES

INLINE STATIC MIXER®

InLine Static Mixer® is a high-performance system designed for direct installation in pipelines, effectively carrying out the mixing, homogenization, or emulsification of solutions.



ENERGY
EFFICIENCY



HIGH
PERFORMANCE



DURABILITY AND
RELIABILITY



SUSTAINABLE
SOLUTION



EASY
INSTALLATION



OPERATIONAL
SAFETY



ECONOMIC
BENEFITS



CUSTOM-MADE
EQUIPMENT

BIOSIS
Saneamento Ambiental

WATER FILTRATION SYSTEM

A reference in excellence and quality in solutions for
industrial water and drinking water treatment.



ACTIVATED CARBON



FINE AND COARSE SAND



DOLOMITE



ION EXCHANGE



NATURAL ZEOLITE

PROBLEMS SOLVED

- Reduces water hardness and prevents corrosion.
- Prevents stains, metallic taste, and yellowish color.
- Filters solids, ammonia, and contaminants.
- Removes color, chlorine, and odor.
- Protects against fine particles.
- Adjusts pH and turbidity.

CONTACT US

Service Hours

Monday to Friday: 08:00 a.m. – 5:00 p.m.

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Speak with a Consultant



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