

**ROBUSCHI®**

**SSI Aeration**



## FULL SPECTRUM OF TECHNOLOGIES FOR THE WASTEWATER INDUSTRY

**TOTAL BLOWER & DIFFUSER CAPABILITY** — Range up to 2,500 mbar(g) and flow up to 70,000 m<sup>3</sup>/h

**Robuschi**, together with **SSI Aeration**, offers a complete and energy-efficient portfolio for every aeration process need in wastewater treatment systems. From high performance blowers to advanced diffuser technologies, we deliver integrated solutions for optimized oxygen transfer and reduced operational costs.



# THE PERFECT FIT FOR EVERY WASTEWATER TREATMENT APPLICATION

## ROBUSCHI®

Robuschi has been a leading partner in the wastewater industry for decades.

Its wide blower portfolio provides energy efficient and sustainable solutions for applications such as:

- Primary and second sedimentation
- Aeration
- Backwashing sand filtration

## SSI Aeration

**NEW: Full Aeration Capability with SSI Aeration**

**SSI Aeration expands our offering with:**

- Finebubble membrane diffusers
- Advanced monitoring & cleaning systems (e.g., PTFE membranes, AntiFouling technologies)
- Complete aeration grid engineering



### Together, Robuschi + SSI deliver:

- Optimised oxygen transfer efficiency
- Reduced energy consumption
- Low maintenance, longlife aeration systems

## ROBUSCHI BLOWER PORTFOLIO

### ROBOX LOBE



Up to **1,000 mbar(g) / 10,500 m³/h**

- Compact
- Flexible
- Robust
- Oilfree

### ROBOX MULTISTAGE



Up to **1,800 mbar(g) / 70,000 m³/h**

- High performance
- Long service life
- Oilfree

### ROBOX SCREW



Up to **2,500 mbar(g) / 10,100 m³/h**

- Highest efficiency
- Low noise
- Compact design
- Oilfree

### ROBOX SIDE CHANNEL



Up to **600 mbar(g) / 700 m³/h**

- Reduced footprint
- Maintenancefree
- Low noise
- Oilfree

### ROBOX TURBO



Up to **1,500 mbar(g) / 26,500 m³/h**

- Maximum capacity
- High performance
- Durable & reliable
- Oilfree

### COMPLETE AERATION SOLUTIONS: BLOWERS + DIFFUSERS

By combining **Robuschi blowers** with **SSI Aeration diffuser** technologies, customers can implement:

- Full aeration grids
- Retrofitting of existing basins
- Energy optimised system upgrades
- High efficiency biological treatment processes

## ROBUSCHI®



Discover more on **Robuschi** Total Blower Capability

## SSI Aeration



Discover more on **SSI Aeration** Diffusers