Growing environmental awareness and stricter regulations impose higher requirements on your water and wastewater treatment processes. Sulzer can help you optimize your installation by providing a complete range of sustainable solutions and services with a measurable return on investment.

**Industries we serve**
Our equipment is suitable for upstream and downstream treatments of most water-intensive industries.
- Pulp and paper
- Food and beverage
- Chemical processing
- Pharmaceutical
- Metals and mining
- Oil and gas
- Power generation

**Material competence**
We are the specialist in corrosive and erosive applications, with proven field experience. We offer a wide range of materials for demanding industrial effluents, including duplex, superduplex, SMO, titanium, etc.

**Service at your doorstep**
Wherever you are, Sulzer is close by to bring personal, knowledgeable support and qualified services for the entire product life cycle, day and night. You can trust us to serve your installed base with our original spare parts.

**Processes we cover**
We have multiple references for all kinds of physical, chemical, biological and thermal treatments. Depending on your specific needs, our experts will define the best product package, combining high reliability with low total cost of ownership.

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**Pumping, mixing and aeration solutions for industrial water and wastewater treatment**

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<table>
<thead>
<tr>
<th>Process</th>
<th>P</th>
<th>M</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet stations (raw water, industrial effluents)</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Flash mixing, flocculation</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Clarification, sludge transfer</td>
<td>✔</td>
<td></td>
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<tr>
<td>Dissolved air flotation</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Multimedia filtration, backwash</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Equalization, neutralization</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Biological treatment (ASP, SBR, MBR, MBBR)</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Aerobic and anaerobic digestion</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Ultrafiltration, reverse osmosis</td>
<td>✔</td>
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<td></td>
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<tr>
<td>Evaporation, crystallization</td>
<td>✔</td>
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</tbody>
</table>

P = pumping, M = mixing, A = aeration
Extensive product coverage

Through a wide portfolio, we propose to you the most adapted pumping, mixing and aeration solutions. Our high-efficiency products will improve the performance, reliability and sustainability of your treatment plants.

Process pumps

- AHLSTAR A process pump
- AHLSTAR N non-clogging pump
- AHLSTAR W wear-resistant pump
- A, N and W self-priming and gas removal pumps
- SNS process pump
- CPE ANSI process pump

Vertical pumps

- SIL vertical inline pump
- VMS vertical multistage pump
- JTS standard vertical turbine pump
- SJT vertical turbine pump
- NK/WK vertical sump cantilever pumps
- NV vertical sump slide bearing pump

Specialty pumps

- ZPP and SMD double suction pumps
- CAHR axial flow pump
- EMW slurry pump
- MBN multistage ring section pump
- PC transfer pump
- PC dosing pump

Submersible pumps

- AS submersible pump
- Piranha submersible grinder pump
- XRCP submersible recirculation pump
- XFP submersible heavy-duty pump
- VUPX submersible propeller pump
- AFLX submersible mixed flow pump

Agitators and mixers

- Scaba top-mounted agitator
- Scaba and AGISTAR side-mounted agitators
- RW submersible mixer
- XRW submersible mixer
- SB and XSB flow boosters
- SMV, CompaX and KVM static mixers

Aerators and compressors

- OKI submersible aerator mixer
- Ventur Jet submersible aerator
- XTA and XTAK submersible aerators
- DDS disc diffuser system
- HST™ turbocompressor
- HSR turbocompressor

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This brochure is a general product presentation. It does not provide any warranty or guarantee of any kind. Please, contact us for a description of the warranties and guarantees offered with our products. Directions for use and safety will be given separately. All information herein is subject to change without notice.