

Specialist for pumps, agitators and mixers for the phosphates industry



Proven expertise

With long experience and in-depth knowledge of demanding phosphoric acid plants and process applications for phosphate fertilizers, Sulzer offers:

- Proven application experience and worldwide references
- Unique selection of solutions to meet specific application needs
- Extended range of axial flow pumps including highly reliable cooler/evaporator circulators
- Wide variety of vertical turbine pumps, horizontal and cantilever heavy-duty pumps, slurry and wear-resistant pumps, self-regulating pumps, and many other types of process pumps
- Specially dedicated liquid ring vacuum pumps (LRVP)
- Broad range of high-efficiency and heavy-duty agitators and mixers

Value you can count on

Partnership for solving your most critical applications in daily pumping and agitating challenges

- Reliability of our equipment (high MTBM)
- Performance matching production needs
- Durability and extended pump lifetime
- Continuous enhancement
- Easy use and maintenance
- Optimized OPEX and lowest LCC (TCO)

Material competence

- Specialist competence in handling erosive, corrosive, scaling and aerated slurries as well as other kinds of liquids
 - Leading material technology with a wide range of wear/corrosion-resistant cast irons, stainless steels and high-grade alloy materials
 - Special hydraulic design with high efficiency and/or enhanced wear resistance
 - Continuous improvements and state-of-the-art technology
 - Highly flexible products offering high adaptability to all industrial schemes
 - Robust construction ensuring maximum reliability
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Phosphoric acid plant (WPA)

- Reaction/filtration/concentration units
- Storage and clarification units
- Purified and super phosphoric acid plants

Phosphate processing plant (fertilizer and animal feed)

- Storage/loading/unloading/transfer facilities
- Reaction and neutralization units
- Scrubbing and gas treatment unit
- Reaction and purification unit






Auxiliary units

- Water intake and transport
- Water and wastewater treatment unit (IWT)
- Sulfur and sulfuric acid units
- Cooling water unit
- Boiler unit
- Storage and transfer facilities

Extensive product coverage

Through a wide portfolio, Sulzer brings you innovative pumping, mixing and agitation solutions as well as services for the phosphates industry, also including energy-efficient products for industrial water treatment. High-quality materials combined with a highly reliable and efficient design ensure minimized maintenance costs and total cost of ownership.

Horizontal rotodynamic pump

AHLSTAR A and APT process pumps	AHLSTAR WPP/T wear-resistant pumps	SNS process pumps	CPE ANSI process pumps	MBN, MC/MD high-pressure pumps
				

PLR slurry pumps	EMW heavy-duty slurry pumps	CAHR axial flow pumps	SMD, ZPP, MSD axially split pumps
			

Agitators and reactor circulators

SALOMIX and Scaba vertical agitators

CAV vertical propeller circulator



Vertical rotodynamic pumps

CAHR-V vertical axial flow pumps	VA, VAP sump pumps	VM line shaft pumps	SJT, JTS vertical pumps	SJD, GSG vertical multistage can pumps
				



Specialty pumps

Submersible pumps type ABS XFP, AFLX and VUPX	Submersible drainage pumps J, JC, XJ ranges	Submersible sludge pumps XJS, JS ranges
		

How can we help you?
Contact us today to find your best solution.

sulzer.com

Vacuum pumps and compressors

VRN liquid ring vacuum pumps	HST™ and HSR turbocompressors
	

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