

Pumping and agitation solutions for the potash industry



Proven expertise

With its long experience of demanding erosive and corrosive applications for the fertilizers, chemicals and the very wide-ranging water industries, Sulzer offers:

- Extensive range of horizontal and vertical rotodynamic pumps in single-stage or multi-stage design for all your water applications
- Extended range of axial flow pumps and vertical agitators/propellers for evaporation-crystallization installations
- A complete range of process, wear-resistant and slurry pumps meeting the needs of the potash core process and auxiliary applications
- Centrifugal compressors and liquid ring vacuum pumps

Value you can count on

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

- Reliability of our equipment (high MTBM)
- Durability and extended pump lifetime
- Easy use and maintenance
- Optimized OPEX and lowest LCC (TCO)

Material competence

- Specialist competence in handling erosive and corrosive liquids
 - Leading material technology with a wide range of wear-resistant/corrosion-resistant materials with Ni-resistant cast iron, austenitic, duplex and super-duplex stainless steels, 6%Mo alloy and many other high-grade Ni and Ni-Cr-Mo alloy materials, nickel...
 - Special hydraulic design with high efficiency and/or enhanced wear resistance
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Extraction and mining plant

- Brines injection (in-situ leaching)
- Brines intake and transfer (solar ponds evaporation)
- Mine back-filling, tailings and brines disposal

Flotation and leaching-crystallization plant

- Wet grinding, flotation, separation
- Hot and cold leaching-crystallization, separation
- Filtration and dewatering
- Tailings disposal

Auxiliary units

- Water intake and transportation
- Water and wastewater treatment unit (IWT)
- Cooling water unit
- Boiler unit
- Storage and transfer facilities

Extensive product coverage

Through a wide portfolio, Sulzer brings you innovative pumping and agitation solutions, compressors and services for the potash extraction and processing industry. It also includes energy-efficient products for water and wastewater treatment and boiler water unit. Advanced materials and a wide range of shaft seals and sealing systems combined with overall operating efficiency ensure a reliable process and long service life.

Horizontal rotodynamic pumps

AHLSTAR A and APT process pumps	AHLSTAR WPP/T wear-resistant pumps	SNS process pumps	CPE ANSI process pumps	NRN high-pressure process pumps	CAHR axial flow pumps
SMD/SMH, ZPP axially split pumps	MSD axially split pumps	MBN, MC/MD high-pressure pumps	PLR slurry pumps	EMW heavy-duty slurry pumps	

Vertical rotodynamic pumps

VA, VAP sump pumps	VM line shaft pumps	SJP vertical propeller pumps	SJM/SJT, JTS vertical pumps

Specialty pumps

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

Agitators, mixers and propeller circulators

SALOMIX side-mounted agitators	SALOMIX and Scaba vertical agitators

Vacuum pumps and compressors

VRN liquid ring vacuum pumps	HST™ and HSR turbocompressors

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

sulzer.com

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