

## Pumping and agitation solutions for the potash industry



### Proven expertise

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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

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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

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- 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, APP/T 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 slurry pumps



## Vertical rotodynamic pumps

VA, VAP sump pumps



VM, CVT line shaft pumps



SJP, AGV vertical propeller pumps



SJM/SJT, JTS, VE 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.

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