

SULZER

Pumping and mixing
solutions for the starch
and sweeteners industry



We care about your market

The production of starch and starch-based sweeteners presents processing challenges all the way from various raw materials (corn, wheat, rice, potato, cassava, pea, etc.) to a wide range of end products. The equipment used is exposed to fibers, entrained gases, slurries with a high solids content, and liquids with changing viscosities. Having the optimum pumps and agitators is therefore critical to ensure reliable and long-lasting operation. Sulzer offers the superior solution for all your applications. With thousands of installations around the world, our products have stood the test of time.

Proven expertise

We have core competencies based on close partnerships with key OEMs and end users. By working with Sulzer, you benefit from:

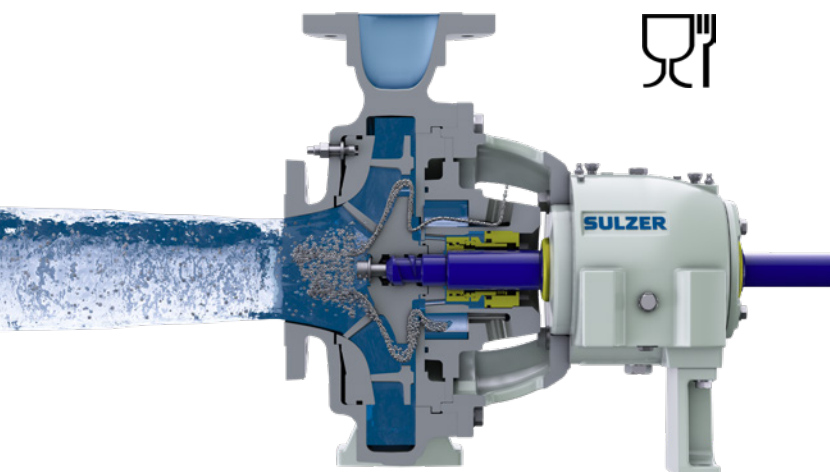
- Superior application knowledge with long experience
- High product reliability and quality
- Custom-engineered solutions to meet specific needs

Products that match

- State-of-the-art equipment for reliable operation in challenging conditions
- Wide choice of centrifugal and positive displacement pumps, agitators, submersible pumps and mixers, aerators, and compressors
- Energy-efficient products with low life-cycle costs and a smaller environmental footprint
- Special degassing pumps which can handle viscous suspensions with up to 40% air content

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 Ensival Moret and Sulzer spare parts.



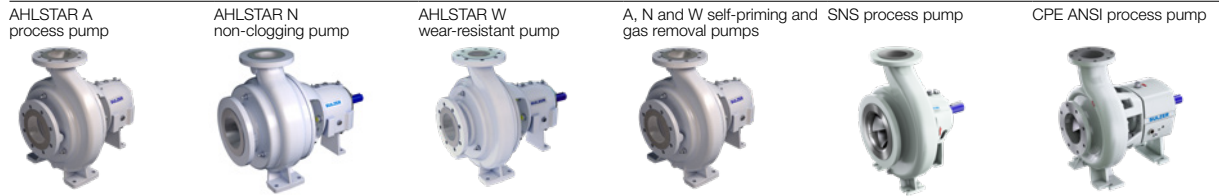
Process	P	M
Raw material washing (potato, cassava, etc.)	✓	
Steeping (corn)	✓	
Milling or rasping	✓	✓
Separation and screening	✓	✓
Starch washing	✓	✓
Dewatering and drying	✓	
Refining (sweeteners)	✓	✓
Auxiliaries (power, cooling, etc.)	✓	✓
Water and wastewater treatment and re-use	✓	✓

P = pumping
M = mixing

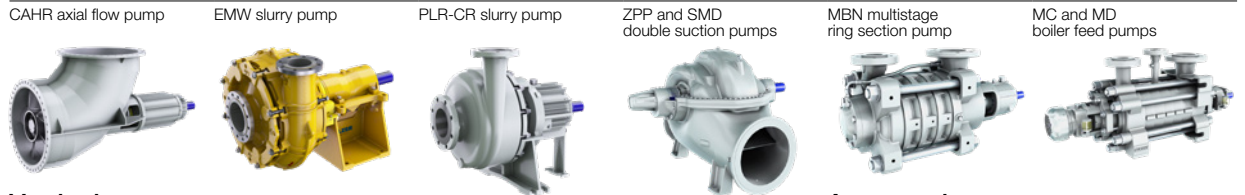
Our extensive product coverage

Through a wide portfolio, we propose you the most adapted pumping, mixing and aeration solutions. Our high efficiency products with numerous options (dynamic seals, degassing systems, etc.) and certifications (Food Contact Materials Regulation EC 1935/2004) improve the performance, reliability and sustainability of your starch and sweetener plants.

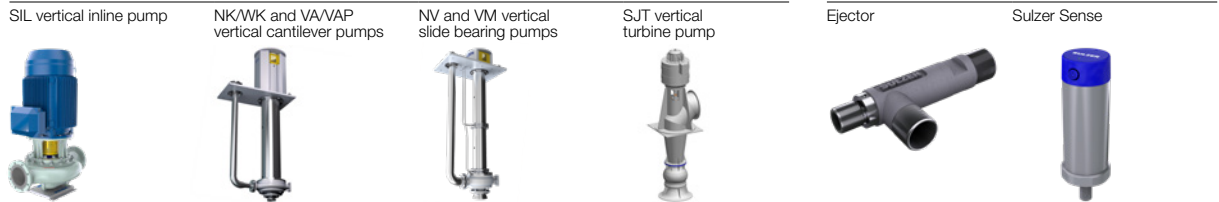
Process pumps



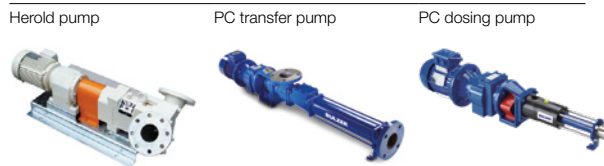
Specialty pumps



Vertical pumps



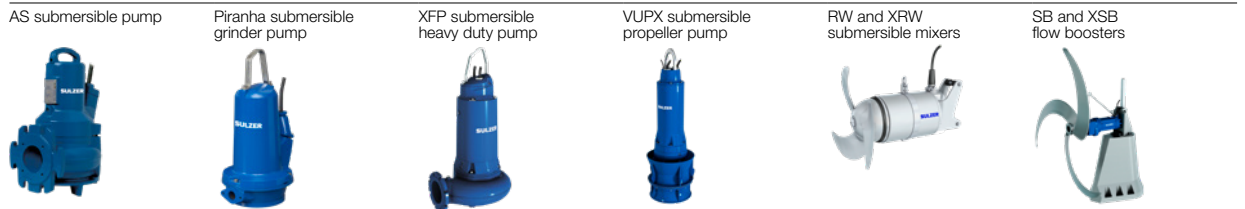
PD pumps



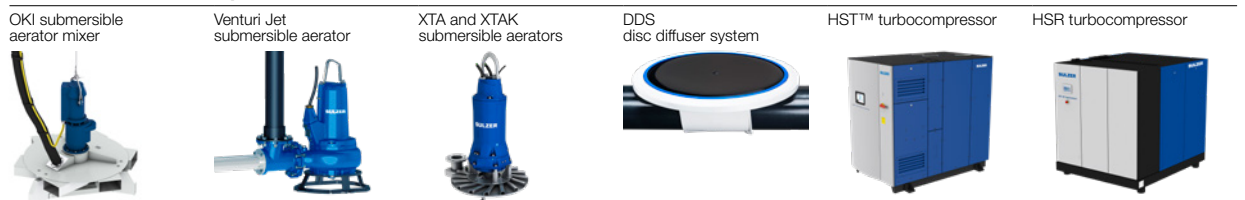
Agitators

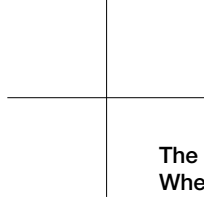


Submersible pumps and mixers



Aerators and compressors





The Sulzer Flow Equipment division keeps your processes flowing. Wherever fluids are treated, pumped, or mixed, we deliver highly innovative and reliable solutions for the most demanding applications.

The Flow Equipment division specializes in pumping solutions specifically engineered for the processes of our customers. We provide pumps, agitators, compressors, grinders, screens and filters developed through intensive research and development in fluid dynamics and advanced materials. We are a market leader in pumping solutions for water, oil and gas, power, chemicals and most industrial segments.

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