

**MEDIA RELEASE**

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August 16, 2017

Efficiency by Design

## **Sulzer Launches the New AGISTAR™ SSA Side-Mounted Agitator Range and a Hydraulic Upgrade for SALOMIX™ Side-Entry Agitators**

**With the new AGISTAR SSA side-mounted agitator, Sulzer has taken a significant step to further decrease power consumption and reduce the environmental impact of its product portfolio. AGISTAR SSA is designed for demanding applications in various industries, such as pulp and paper, biofuels, food, sludge, as well as municipal and industrial wastewater. The new high-efficiency EX3 propeller can also be used in SALOMIX side-entry agitators.**

For the new AGISTAR SSA agitator, Sulzer has developed high-efficiency hydraulics (patent pending) with high pumping capacity and axial thrust but with low power consumption. These qualities combined with a precise agitator selection — not oversized, not undersized — enable maximum efficiency.

The reliable AGISTAR SSA agitator has a strong shaft with minimal deflection. The rigid construction ensures low vibration and a long lifetime of the seals and bearing — more than 200 000 hours for the bearing.



The new agitator is equipped with a new duplex stainless steel EX3 propeller for higher strength and wear properties. This ensures a longer lifetime than for agitators using austenitic stainless steel propellers. In addition, the performance of the agitator can be adapted with the adjustable propeller blades.

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The AGISTAR SSA is quick and easy to install thanks to Sulzer's smart, patented solutions. It is service friendly as well because the adjustable blade angles allow performance flexibility without any additional investments. Because of high standardization, the spare part costs are low.

The smooth hydraulics, reliable construction, and new propeller design of the AGISTAR SSA side-mounted agitators minimize its total cost of ownership (TCO). The low TCO is achieved by reduced energy, operational, and maintenance costs. With the new agitator range, Sulzer provides its customers the opportunity to run their process in a cost-efficient way.



Sulzer's new high-efficiency EX3 propeller exceeds the current SALOMIX MX-4 propeller in both efficiency and thrust. With a smart retrofit system, the EX3 propeller can replace MX4 propellers on SALOMIX side-entry agitators. The great advantages of the energy-efficient hydraulics can be utilized both in upgrades of existing installations and in new equipment.

*Sulzer, headquartered in Winterthur, Switzerland, since 1834, specializes in pumping solutions, rotating equipment maintenance and services as well as separation, mixing, and application technology. Sulzer designs, develops and supplies pumping solutions and related equipment worldwide. Intensive research and development in fluid dynamics, process-oriented products, and special materials as well as reliable service solutions help the company maintain its leading position in its focus market segments. The company creates reliable and sustainable solutions for its key markets: oil and gas, power, water, and general industry. Sulzer serves customers around the world through a network of over 180 production and service sites and has a strong footprint in emerging markets. In 2016, the company achieved sales of roughly CHF 2.9 billion with around 14 000 employees. [www.sulzer.com](http://www.sulzer.com)*

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