

Sulzer launches energy efficient Scaba STA vertical agitator

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A global leader in fluid engineering, Sulzer proudly announces the launch of its new Scaba STA vertical agitator, a cutting-edge solution engineered to deliver excellent reliability, sustainability, and total cost of ownership for industrial mixing applications.

Building on decades of application expertise the Scaba STA agitator marks a strategic evolution in Sulzer's portfolio, harmonizing the best design features of the renowned SALOMIX™ and Scaba platforms into a single, high-performance vertical agitator. The hydraulic upgrade, combined with lower design costs, provides added customer value in the form of significant energy savings. Designed for the needs of process engineers and decision-makers who demand operational excellence, Scaba STA sets a new benchmark in mixing technology.

Energy savings with advanced design features

Scaba STA is engineered for maximum energy efficiency through advanced hydraulic design, reducing power consumption typically by 20% but often even more compared to conventional agitators. With an estimated lifetime of 30 years, this results in significant energy savings for the end user. "This innovation embodies our deep process knowledge and commitment to helping customers achieve measurable improvements in efficiency and sustainability", says Patrik Kolmodin, the product manager for agitators at Sulzer.

Scaba STA's robust construction ensures high reliability and minimal wear. Carefully selected materials of construction provide long-term endurance. The agitator's design minimizes mechanical stress, extending component life and reducing maintenance needs. Optional accessories like the bottom bearing and lip seal enhance stability and sealing performance, especially in challenging process conditions.

Agitator selection plays a central role in ensuring optimized power consumption for the end user. When Sulzer's decades of experience and deep process know-how are combined with selection procedures, the agitation intensity can be accurately sized for the application, resulting in reduced operational, investment and maintenance costs. Additionally, Sulzer's service portfolio is designed to keep the equipment at its original performance point.

Image captions:



Image 1: A Scaba STA vertical agitator



Image 2: Cross-section of a Scaba STA vertical agitator in situ

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About Sulzer

Sulzer is a global leader in critical applications for core infrastructure and processes for large essential industries around the world. We ensure the security, quality and durability of critical goods and services by supporting energy security, natural resource management and efficiencies in process industries. This in turn supports the transition to a circular economy. Our integrated solutions add significant value by enabling energy efficiency, carbon emissions and pollution reduction, and process efficiency improvements. Customers benefit from our commitment to innovation, performance and quality through our responsive network of 160 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur, Switzerland, since 1834. In 2024, our 13'500 employees delivered revenues of CHF 3.5 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN).

For more information, visit www.sulzer.com

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