

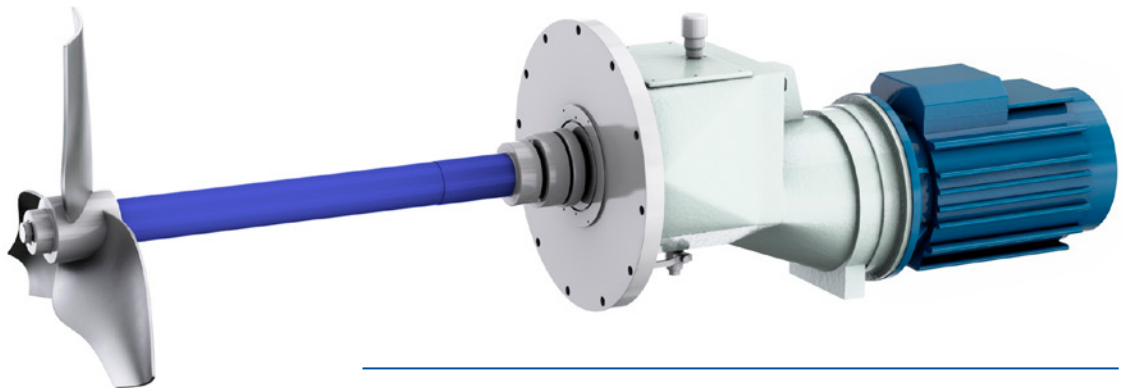
SALOMIX™ SLR and STR side-mounted agitator

SALOMIX SLR and STR agitators are efficient and compact agitators, which are commonly used for smaller tanks and lighter liquids. They have an integrated gear drive with several seal options and are equipped with the energy-efficient hydrofoil SHP propeller, which ensures good performance at low power input.

Applications

SALOMIX SLR and STR agitators are typically used in smaller tanks. They can handle lighter up to thicker fluids and are typically used in segments like pulp and paper, biofuels, and water and wastewater.

- Smaller pulp chest and tanks
- Whitewater tanks
- Light suspensions
- Industrial and municipal wastewater treatment
- Biofuels
- Chemicals
- Food and beverage



Key benefits

- Compact installation with integrated gear
- Energy-efficient hydrofoil SHP propeller, MX3 propeller is used for the largest agitator size
- Robust construction with strong cantilever shaft
- Versatile with many sealing options
- No support legs make the installation easy
- Quick installation with Sulzer wall rings
- Atex-approved
- SLR is used for IEC motors, STR is used for NEMA motors

Materials

The agitators are of stainless steel EN 1.4404 design, which suits various applications across the industries.

Propellers

- SHP hydrofoil propeller as standard
- MX2 for non-clogging applications
- MX3 propeller

SHP propeller



MX2 propeller



MX3 propeller



Sealing options

Seal	Single mechanical seal SMS	Double mechanical seal DMS
Lubrication options	Media lubrication (-) Flushing Externally (FE)	Barrier Fluid (BF) Grease (G) Barrier Fluid and Flushing Externally (BF) + (FE)
Standard seal accessories	FE: Safematic Ultima SUQ / AC-1	BF: Safematic Ultima SUD / AC-1 G: Manual or SKF TLSD 125/WA2 BF + FE: Safematic Ultima SUD + SUQ/ AC-1

Performance range (available propellers in brackets)

SLR-30.2	2.2 kW (SHP, MX2)	STR-12.3	3 hp (SHP, MX2)
SLR-40.3	3 kW (SHP)	STR-16.5	5 hp (SHP)
SLR-40.4	4 kW (SHP, MX2)	STR-20.7	7.5 hp (SHP, MX2)
SLR-50.5	5.5 kW (SHP, MX2)	STR-25.10	10 hp (SHP, MX2)
SLR-63.7	7.5 kW (SHP)	STR-25.15	15 hp (SHP)
SLR-63.11	11 kW (MX3)	STR-30.15	15 hp (MX3)
Temperature	max. 85°C	Temperature	max. 85°F
Pressure	max. 8 bar	Pressure	max. 110 psi
pH	2-14	pH	2-14

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

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