

Fristam Pumps USA

Fristam is a leading manufacturer of high-performance stainless steel pumps, blenders, and mixers with design and production facilities in Middleton, WI and Hamburg, Germany.

Fristam products are designed for precision and durability to outlast and outperform all others and provide the highest lifetime value. With unmatched knowledge and experience, we partner with you for custom innovative solutions.

Positive Displacement Pumps

- Fristam's new FKL A positive displacement pump series features a clean, rounded exterior; split-style gearbox for easy access to bearings and shafts; and customizable port-to-port dimensions for easy drop-in replacement of other PD pumps.

The FKL A is built for no-disassembly-required "True CIP". Its design allows CIP flow to reach all areas of the pump, including the seal. Nothing is ever removed and cleaned "out-of-place". Other manufacturers increase clearances for rotor-in CIP, reducing efficiency. With the FKL, clearances remain tight and efficiency remains high.

FKL A pumps have large diameter shafts, balanced rotors, and a heavy-duty gearbox. They are rated for up to 500 PSI standard on most models. An optional stainless steel gearbox is offered for difficult environments.

- Standard-duty FL II series pumps maintain product integrity with their gentle handling. They are CIP-able and handle viscosities to 100,000 cps.

Centrifugal Pumps

Fristam centrifugal pumps serve as the industry benchmark for quiet, efficient, low-maintenance operations. They include:

- Easy-maintenance FPR series pumps, built with a front-loading seal.
- Heavy-duty FP series pumps for demanding applications such as vacuum



withdrawal from evaporators, viscous, hot, or abrasive products.

- Standard-duty FPX series pumps for products with viscosities up to 600 cps.
- High-pressure FM, FPH and FPHP series pumps for discharge pressures to 1,250 PSI.

Self-Priming Liquid Ring Pumps

For CIP solution and foamy or aerated products, Fristam's FZX series pumps reduce waste by completely removing product from equipment. Able to lift water up to 23 feet, FZX pumps maintain their prime when other pumps become air-bound.



Powder Mixers

Fristam's Powder Mixer blends dry and wet ingredients into a fluid stream. This quick and efficient mixing method maintains performance even as product viscosity increases. The Fristam Powder Mixer is customizable and provides consistent batch-to-batch repeatability and reduced blend times.

Shear Blenders

FS Shear Blenders improve product consistency by removing agglomerates and preventing lumps and masses in product.

It offers repeatable results and reduces raw material usage and processing times.

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