Sealless Centrifugal Pumps Improve Productivity for Pulp and Paper Industry

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Aggressive chemicals. Precision processes. Regulatory compliance. These are crucial to the pulp and paper industry. The manufacture and conversion of products from writing paper, to toilet paper, to corrugated cartons requires durable, reliable and safe systems. Plant operators are looking to companies who deliver components that can make their operations more efficient and successful—companies like Finish Thompson.

"Pulp and paper mills are using sodium hydroxide, sulfuric acid, and sodium hypochlorite in their various processes," explains Will Weathers, Finish Thompson Regional Manager. "These heavy-duty chemicals are simply too harsh for many pumps to handle. Our UC Series, DB Series, and SP Series sealless mag-drive pumps are the ideal solution. Because they lack a mechanical seal that would eventually break down from exposure to these chemicals, our pumps provide a leak-free, rugged design. They reduce maintenance and downtime to increase productivity."

A Pump for Every Process

Finish Thompson offers a full line of pumps to service the diverse operations of pulp and paper operations. "Our pumps support top and bottom unloading, plus a wide range of pumping volumes and speeds," notes Weathers. Plant operators look to these pumps to handle heavy-duty chemical applications without leaking, including unloading trucks and rail cars, transfers of chemicals to various storage facilities, and for in-plant processes.

UC Series ANSI Dimensional Pumps

ULTRAChem® Series sealless centrifugal pumps are engineered for reliability in the most extreme chemical-handling applications.

- *Powerful neodymium magnets*
- *EFTE lined housing and wetted components*
- *Leak-free operation*

continued on next page

FINISH THOMPSON INC.

A paper processing plant in the midwestern U.S. chose Finish Thompson pumps to handle their caustic and sulfuric acid applications. "Our DB Series pumps are perfect for transferring these harsh chemicals from their raw chemical room to their processing area and for managing the sodium hypochlorite they use to bleach the paper," notes Joel Klippel, Vice President of U.S. Sales.

Another paper plant, which also uses Finish Thompson pumps for chemical transfer and processing applications, discovered Finish Thompson has the perfect pumps for their dye applications as well. "They use our DB and SP series pumps to transfer colorant to the mixing tanks to create the appropriate volume, consistency and color," Klippel reports. "These sealless mag-drive pumps allow them to safely and efficiently handle the transfer."

Quick Delivery

"Finish Thompson has a strong network of distributors that keep products in stock to meet our customers' needs," notes Weathers. A case in point: One southeastern U.S. paper mill experienced a pump failure with a competitor's product. When they needed a quick replacement, the distributor was able to provide an immediate solution. Furthermore, "our factory supports the distribution network with expedited shipments. Together, our in-stock availability and quick shipping make us a leader in the industry for delivery," Weathers adds. "It's happened again and again – customers switch to our pumps because they're available when they need them, and the pumps get the job done right – so they won't have to be replaced again in the future."

SP Series Sealless Self-Priming Pumps

Corrosion-resistant materials allow these pumps to handle the most difficult applications, with no seal replacement, no leaks, and the capability to run dry without damage.

- *Lightning-fast priming*
- *Deep lift abilities*
- *Energy efficient*

DB Series Sealless Centrifugal Pumps

These magnetic drive centrifugal pumps are engineered for performance, offering the best efficiency of any pump in their class.

- *Rugged construction*
- *Strongest neodymium magnets*
- *Hours of run-dry capability*

Finish Thompson Inc. designs and manufactures pumps for the safe transfer of a wide variety of corrosive fluids. Products include centrifugal sealless magnetic drive pumps with run-dry capability, mechanically sealed pumps, drum and barrel pumps, vertical mag-drive pumps, multi-stage pumps, and the FTI Air line of air operated double diaphragm (AODD) pumps. For durable solutions for your applications, contact Finish Thompson Inc.

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