

FlowJec Basic

For chemical balance in the approach flow



Precise dosing without process limitations

A key criterion for high-quality paper is good dosing of the process chemicals and additives in the approach flow of the paper machine. Conventional dosing equipment no longer meets today's requirements for a dosing system and clearly limits the processes in paper production. Most dosing equipment also lacks any sort of cleaning system, which is actually indispensable. Another disadvantage of conventional dosing systems is their excessive use of fresh water which noticeably increases both, its consumption per kilogram of paper as well as the amounts of waste water in a paper mill.

Better results with new dosing nozzles

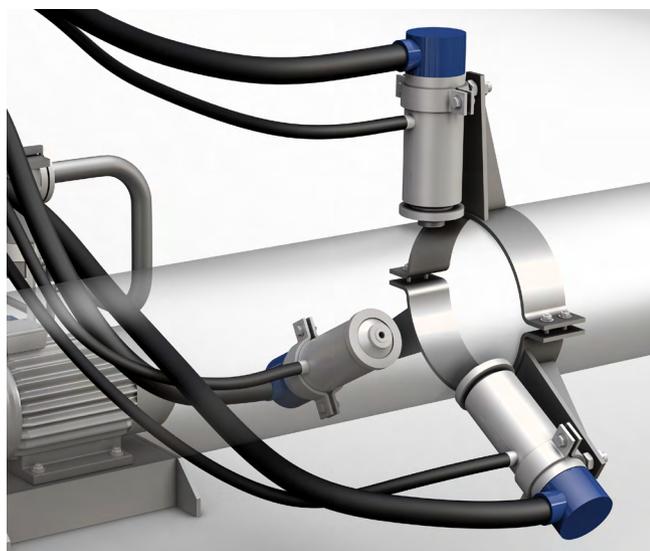
FlowJec Basic was developed specifically for use in smaller paper machines. It is a less complex but nonetheless functional dosing system for all chemical applications in the approach flow of the paper machine. This dosing system is equipped with the new AddJector dosing nozzles. Simple installation, complete integration in the control system of the machine and easy maintenance give a quick economic amortization. FlowJec Basic can be optimally adapted to the existing process conditions due to its innovative design and dosing principle.

Optimal mixing through AddJector dosing

FlowJec Basic dosing systems are characterized by the use of innovative AddJector dosing nozzles. These special dosing nozzles are precisely designed for the demands of chemical and additive dosing in the approach flow of the paper machine. With FlowJec Basic, up to three different chemicals can be dosed at the same time in the process stream using the special AddJector dosing nozzles.

With minimal pressure loss, special chemicals can also be gently and at the same time efficiently mixed into the process stream. In order to facilitate the constant high performance of the dosing system, the integrated cleaning system eliminates all chemical residues.

Detail view of an AddJector at a dosing point



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Further Information



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Less fresh water – less waste water

A significant saving of fresh water can be achieved by using FlowJec Basic. The chemicals can be diluted and dosed with stock suspension or alternatively with white water, clear filtrate or flotation tailings, leading to huge savings in fresh water.

The application-specific dosing solution

FlowJec Basic makes the dosing of chemicals after the screen possible: The chemical system itself requires no upgrade in the process. In addition, the installation time is short and reduces system costs. Unlike with conventional dosing systems, it is possible to achieve the highest mixing quality with FlowJec Basic and thus to improve the efficiency of the chemicals used in the approach flow.

Your benefits

- + Saving of chemicals by dosing after screen
- + Saving of fresh water by using process media
- + Reduction of paper machine effluent
- + Energy savings, since less fresh water has to be heated to process temperature
- + Optimal premixing and dilution of chemicals
- + Improved chemical efficiency

Further products

For paper machines with a larger tonnage we recommend the product FlowJec Premium.

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Engineered Reliability