

Press Release

Voith Paper Holding GmbH & Co. KG
Public & Media Relations
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Tel. +49 7321 37-3858
Fax +49 7321 37-7008
www.voith.de

FlowJec: Efficient dosing system in use at Smurfit Kappa Zülrich Papier

2013-04-12

The new and efficient FlowJec dosing system that Voith has launched on the market uses an application-based method to allow dosing of all process and functional chemicals and additives.

Unlike conventional systems, in FlowJec the chemicals are premixed with part of the process flow before adding. Due to the homogeneous injection of the dosed retention agents significant chemical savings are achieved. Furthermore, the runability can be significantly increased.

In FlowJec the chemicals are added via specially developed nozzles called AddJectors. These nozzles make the use of fresh water when dosing chemicals no longer necessary. This means that the paper is produced in an especially environmentally compatible manner. Even at the chemical preparation stage, up to 70% fresh water is saved. For the dosing process itself the FlowJec system uses the stock suspension, white water, clear filtrate or flotation tailings. The integrated cleaning function allows FlowJec to be operated nearly maintenance-free.

The PM 6 at Smurfit Kappa Zülrich Papier demonstrates the profitable potential of FlowJec. On this two-ply packaging paper machine for the production of liner and corrugated medium, FlowJec is used to add a retention agent. There is absolutely no need to re-dilute the retention polymer with fresh water. Because with FlowJec the retention agent is also added in higher concentrations, the amount of fresh water for dissolving the chemicals can also be substantially reduced.

During the 22nd International Munich Paper Symposium (IMPS) from 6 to 8 March 2013, Voith introduced FlowJec in a joint presentation with Smurfit

Kappa Zülpich Papier. The considerable feedback from the audience was proof of the extensive interest in such environmentally compatible technologies.

Further information is available at the Voith homepage:
www.voith.com/paper

Voith Paper Holding GmbH & Co. KG
Public & Media Relations
St. Poeltener Strasse 43
89522 Heidenheim, Germany
Tel. +49 7321 37-3858
Fax +49 7321 37-7008
www.voith.de

Page 2 of 2

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving products to reduce the use of energy, water, and fibers.

Voith sets standards in the markets energy, oil & gas, paper, raw materials and transportation & automotive. Founded in 1867, Voith employs almost 42,000 people, generates € 5.7 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.

Contact:
Julia Bachmeier
Head of Public & Media Relations
Tel. +49 7321 37-3858
julia.bachmeier@voith.com