

## **Cleaning, Wetting, Gluing**

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**At IFRA-Expo in Leipzig, VEGRA GmbH (Aschau am Inn, Germany) presented new developments for cleaning of press components, fountain solution cleaning and fold gluing as well as new fountain solutions.**

During the newspaper technique show in Leipzig, VEGRA introduced **Easy-Cleaner C202** (cleaning container) for environmentally friendly cleaning of press components. Even at working temperatures between 60 and 80°C the cleaning agent used "**VOC-Free Pressroom Cleaner Concentrate GREEN 220 400**" is free of emissions. Immediately after use it is filtered with the filtration system **Easy-Cleaner B-01 Compact** integrated in the cleaning container and subsequently brought back into the cleaning process. The ceramic filters of the Easy-Cleaner are cleaned automatically and guarantee an output between 95 and 98 %.

### **Cleaning and Filtering**

Cleaning of the soiled press components (ink and dampening rollers, protective grids, metal sheets, turbos, flicker blades, ink ducts etc.) is carried out with the help of a steam jet cleaner which ensures an automatic dosage of cleaning agent and water. In the long run, less cleaning agent is required: The cleaning agent output is approx. 96 %. The water based "Pressroom Cleaner Concentrate GREEN 220 400" was developed with the objective to be applicable for all purposes in the pressroom - depending on the plate type and except for blanket washers.

**Easy-Cleaner B-01 Compact** itself is designed as fountain solution filtering unit for recycling and cleaning of contaminated fountain solutions. It is suitable for smaller commercial web, newspaper and sheet fed presses.

The newly developed, ecologically friendly fountain solutions for newspaper and web offset (heatset) are corrosion inhibited, VOC-free with regard to the draft of the EC direction and they are not subject to labelling in the sense of the chemicals law and the decree on hazardous materials.

Due to their high cleaning power and dirt absorption the optimized water miscible rapid wash versions without aromatic compounds are suitable as universal cleaning agents for blanket washers as well as for manual cleaning of rubber blankets, ink rollers and ink ducts. They will not cause embossing of the elastomers (dampening and ink rollers, rubber blankets). The used rapid washes - different types collected separately - can be recycled. As officially authorised recycling company for rapid washes VEGRA offers their own recycling concept.

### **Gluing and Rewetting**

In addition, VEGRA also presented the new product line **VEGRAFIX**: Adhesives for inline fold gluing in web offset presses. The products are ready for use for all commercially available application systems and suitable for longitudinal and spot gluing in spraying and contact applicators. Special adjustments available on request, e.g. regarding adhesion strength and setting speed. For improving the folding accuracy, VEGRA also offers **Fold Softening Concentrate 20 30 20** which provides excellent rewetting of the fold in heatset and eliminates problems with cracking and brittle paper. The concentrate is very well compatible with the **VEGRAFIX Adhesives**. Additional cleaning of the application nozzles after change of the product from glue to fold softening concentrate and vice versa is not necessary.