

Press release - for immediate publication

WEILBURGER Graphics GmbH expands washing water ultrafiltration plant

Gerhardshofen, 21. December 2022 – **For many years now, WEILBURGER Graphics GmbH, an internationally renowned manufacturer of varnishes, inks and adhesives for the graphic arts industry, has been offering its customers the special service of treating their dispersion varnish wash water produced during the printing process. The company has recently modernised and expanded its ultrafiltration plant. As a result, WEILBURGER Graphics is now able to treat even larger quantities of wash water in a professional and resource-saving manner.**

In addition to the planned increase in capacity, the main focus for this plant expansion was to recycle all the valuable substances contained in the wash water and to keep them in the recycling loop. For this purpose, the plant was designed in such a way that it physically filters out all reusable materials from the wash water by means of cold separation and separates them into high-quality permeate water (filtrate) and recyclable retentate (concentrate, disperse phase) without the use of chemicals and thermal energy. Provided the wash water is supplied by customers free of pollution and contamination, the ultrafiltration process at WEILBURGER Graphics GmbH does not result in any residual materials or waste.

Nino Sandner, Production Manager WB at WEILBURGER Graphics GmbH on the plant enhancement: *"Our customers must learn to understand that the wash water produced in production when using water-based coatings is a valuable resource in the recycling economy and must be treated accordingly. Where previously it was common practice to throw used cleaning rags and other waste into the wash water container or to contaminate the wash water with solvents or UV coating residues, a rethinking process must now take place and all production employees must be trained accordingly. Residues of pigments and pigmented varnishes in the wash water are also a problem and must be avoided in future. Any foreign substances in the wash water impair the function of ultrafiltration systems, reduce their efficiency and would then also have to be disposed of professionally and at high cost."*

The delivery of the wash water to the company can either be organised by the customers themselves or picked up by the WEILBURGER Graphics truck fleet as part of the company's regular route plan. In both cases, the company asks its customers for prior notice for optimum logistics and process planning. The return transport of the IBC tanks filled with dispersion varnish wash water can only be carried out in a securely closed manner (screw cap on all openings must be tightened and intact). All IBC tanks must have legally compliant transport labelling for transport, as a false declaration could result in fines for both parties.

Arno Dürr, Sales Manager of WEILBURGER Graphics GmbH on the subject: *"Practised environmental protection has always been an important cornerstone of our corporate philosophy. With this year's modernisation and expansion*

of our washing water ultrafiltration plant, we are once again demonstrating that we do not spare any costs or efforts to produce our products in the most environmentally friendly and resource-saving way possible. Even after our products have been delivered, our corporate responsibility does not end for a long time and we therefore also want to return byproducts of the application of our own products, such as the wash water produced by our customers through the use of our SENOLITH®-WB coatings, to the water and recyclable material cycle as optimally as possible. This is now also possible to a greater extent and in even higher quality thanks to our extended ultrafiltration plant." Arno Dürr continues: "Many of our customers have already been using our wash water treatment for years and can thus credit this professional treatment positively in their eco-balance. In addition, they save the disposal costs that would be incurred without such wash water treatment. Our goal is to convince as many customers as we can of the advantages of our service offer in order to recycle as many raw materials as possible. For this reason, we are now offering all our German customers who have not yet used our wash water treatment a special introductory discount: We will treat the first 1,000 kg of dispersion wash water (1 IBC) for them free of charge provided it is delivered correctly. Our sales and customer service team will be happy to receive enquiries and to provide further information for our customers."

Further information: www.weilburger.com

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Contact:**WEILBURGER Graphics GmbH**

Am Rosenbühl 5

91466 Gerhardshofen

Germany

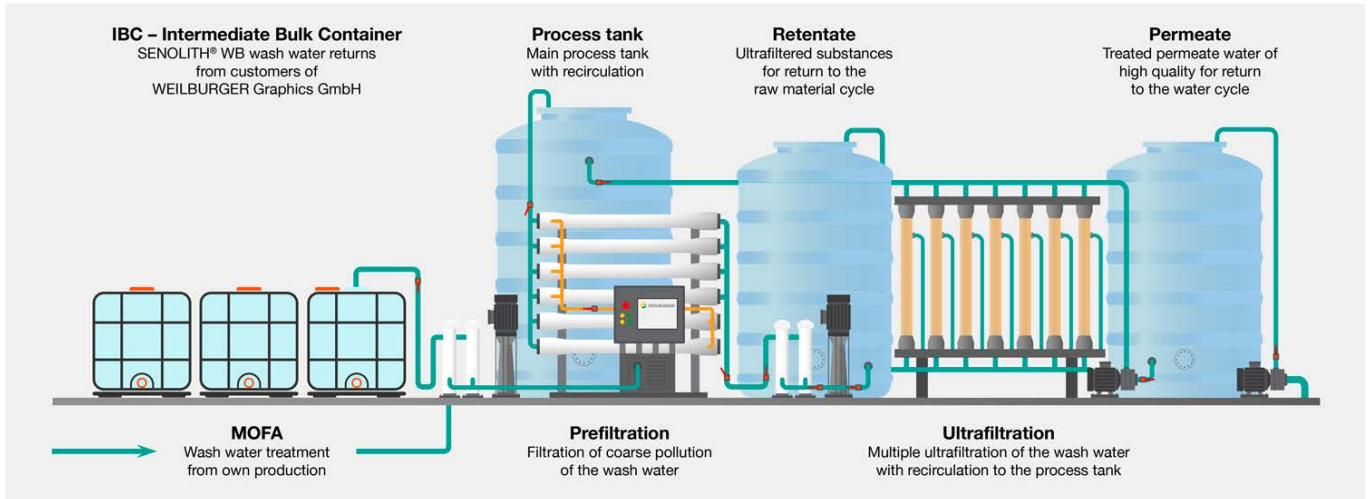
Phone: +49 9163 9992-0

Fax: +49 9163 9992-920

E-mail: info@weilburger-graphics.de

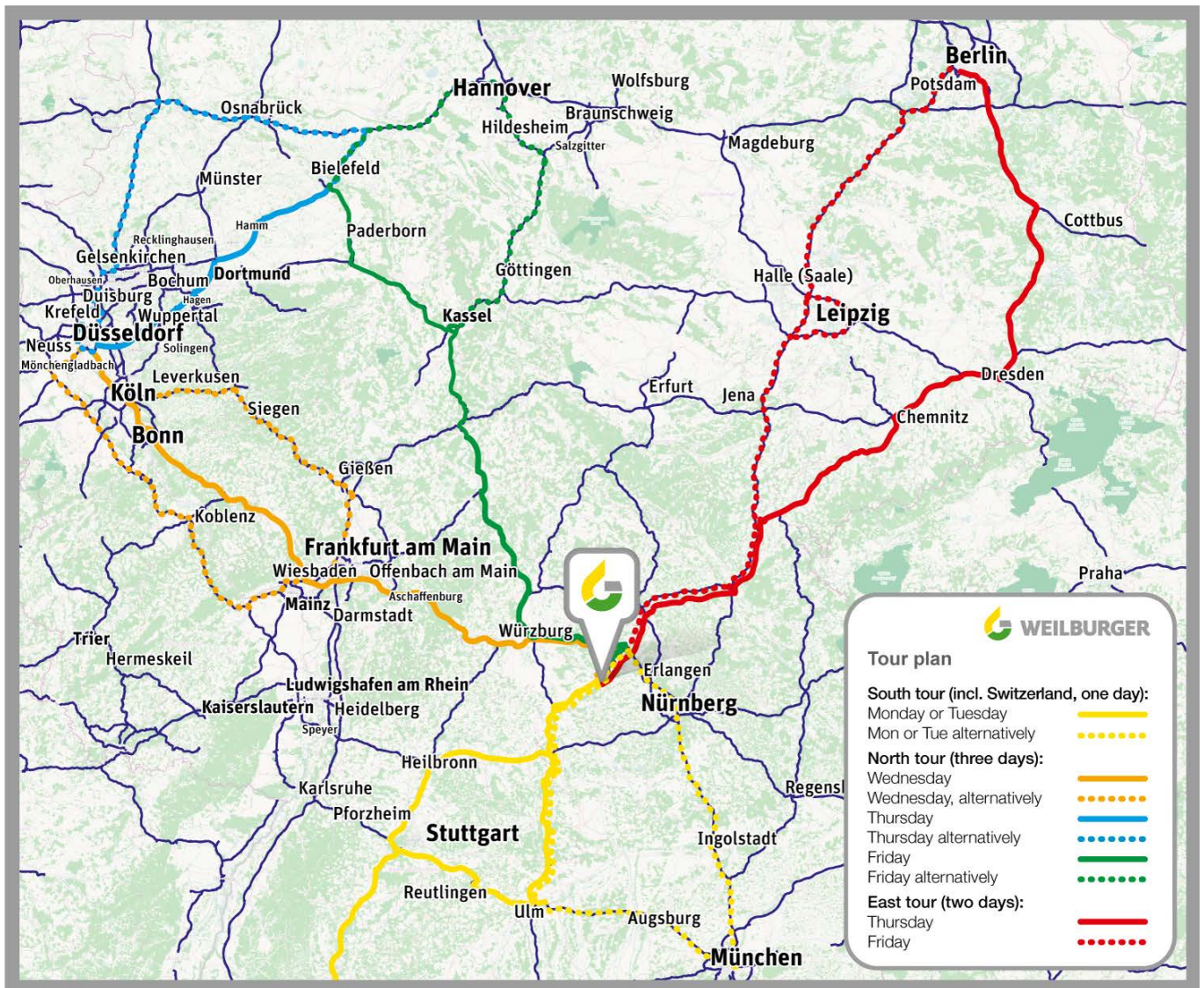
Press photos:

Wash water ultrafiltration system



Caption:

Illustration of the modernised and extended washing water ultrafiltration plant of WEILBURGER Graphics GmbH.



Caption:

Route plan of the WEILBURGER Graphics GmbH truck fleet for the German sales territory.

People:**Caption:**

Günter Korbacher - Managing Director of WEILBURGER Graphics GmbH

**Caption:**

Arno Dürr - Sales Manager of WEILBURGER Graphics GmbH



Caption: Logo WEILBURGER Graphics GmbH

PrintCity | Alliance Member

Caption: PrintCity | Alliance Member



Caption: Logo ClimatePartner - Certificate at www.ClimatePartner.com/14543-2007-1001

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