

**Offering tomorrow's offset today  
technotrans at drupa 2008**

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technotrans AG, one of the leading system suppliers for offset printing will be highlighting three main themes at the world's largest exhibition for the printing industry: efficient processes; stable production; and environmentally sound printing. One of the highlights of the technotrans' stand at this year's trade fair is the first ever presentation of the entire product range of blanket cleaning systems. In addition, the low-energy combination unit for dampening solution circulation and ink unit temperature control will be demonstrated.

*Cloth and brush-based series of cleaning systems*

With the contex product range, technotrans offers for the first time its comprehensive range of different cleaning systems for blanket and impression cylinders. In doing so, it is expanding its market position as a systems supplier considerably. The development of this completely new product range focused on increasing the productivity of the printing press, i.e. on extending the direct machine availability. In contrast to existing systems, each model in the range has unique selling points, which offer the user many advantages.

The self-developed contex.c for use in sheetfed offset printing offers greater cloth length, reduced washing time and less cloth consumption. Pilot customers running the new blanket washers have confirmed significantly longer replacement intervals and impressive ease of use.

For newspaper printing, technotrans has acquired the supplier rotoclean and has successfully continued to develop its solutions. With contex.mb, which cleans with a narrow, moveable brush, printing companies are

using an economical and effective solution for a fully automatic cleaning process. In combination with the washing agent recycling system ecoclean.line, contex.mb offers an exceptional concept for clean and environmentally friendly production.

The product range for cleaning in newspaper and heatset printing is rounded off with yet another proprietary development. The contex.lb cleans the blanket with one continuous brush. This system features innovative dosing and flicker bar technology, a particularly low washing agent consumption and automated liquid transport. Here too, technotrans has developed a product which helps protect the environment and noticeably reduces operating costs.

*CO<sub>2</sub> emissions drastically reduced. Voluntarily today – compulsory tomorrow?*

The enhanced/improved combination unit beta.c eco offers a unique combination of free cooling, power-controlled components, high-quality filtration and precise dosing technology for sheetfed offset applications. It is a highly economical and ecological system for dampening solution circulation and ink unit temperature control. With beta.c eco, the main focus of attention is on the economic aspects, which make lower operating costs possible in the medium and long-term operation. One of the main goals is a noticeable reduction of the energy demand and thus the emission of environmentally harmful CO<sub>2</sub>.

Cooling of ink units for up to 80 % of annual operation can be carried out directly via the free cooler, meaning that the refrigeration unit requires correspondingly less energy. The dampening solution service life is significantly increased by the standard use of the two-stage fine filtration system beta.f. This reduces the amount of fresh dampening solution required cutting the level of additives and IPA. Higher filter service life, lower consumables consumption and easier disposal all contribute toward cost reduction. According to technotrans, the combination of all these effects contribute to a halving of the operating costs using the beta.c eco.

technotrans will also be presenting a new version of the delta.d line for dampening solution preparation on heatset presses. This improved design concept particularly meets the increased demand for energy efficiency in refrigeration as well as higher operational safety, especially where there are relatively heavily contaminated dampening solution circuits.

*Dampening solution filtration system as a cost-saving device for every application*

Likewise, technotrans describes its solution for the dampening solution filtration system as an "investment in savings" for every application. The fine filtration unit beta.f for medium and large-format sheetfed offset presses has already proven itself on the market and has now been adapted for the smaller formats with the solutions alpha.f and basic.f.

For the web offset presses, technotrans presents the spinclean.d, a consumable-free system for the dampening solution fine filtration and, for newspaper printing the delta.f with cross-flow filtration, which also works without consumables.

The collective result of all these solutions is perfectly clean dampening solution and a clean system. Less time is spent on cleaning and dampening solution replacement, so the machine has less downtime. The reduced time and effort results in a considerable reduction of operating costs and maximum machine availability.

The technotrans presentation at drupa 2008 is complemented by a series of proven and improved solutions. Here you will find expanded applications in the area of central ink supply, a new concept in spray dampening systems (including a special dampening solution circulation) and systems for the central water cooling and solutions for coating circulation.

technotrans at the drupa trade fair in Düsseldorf, May 29 to June 11, Hall 16 / Stand A45.

**Captions:**

*ContexC1\_pic.jpg:*

Compact and sturdy: with contex.c changing the cloth is quick and easy

*contex.c\_Details01\_pic.jpg:*

Easily accessible electronics on side of the contex.c ????

*beta.f\_bypassConnection\_ill.jpg*

The beta.f bypass principle ensures stable production conditions.

*beta.f\_CabinetFrontOpen\_pic.jpg*

With its two-step filtration method beta.f contributes to perfectly clean and decontaminated dampening solution cycle.

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