

Press Information

www.heidelberg.com

February 18, 2016

Further expansion of Heidelberg's postpress range for drupa 2016

- **Postpress Commercial: Up to 50 percent higher productivity thanks to the new generation of Stahlfolder TH/KH 82-P folding systems**
- **New user reports uniform folding and better production planning**
- **Postpress Packaging: Further expansion of partnership with Masterwork and new machines for drupa 2016**

Postpress plays an important role in the value chain in print production. On the one hand because it's where the final product is produced, and on the other hand because the machines are intended to be integrated into an overall workflow and timed in such a way as to achieve optimum overall productivity. The top priority for commercial printers is maximum productivity, while for packaging printers it is quality coupled with reliable and fault-free production. Heidelberger Druckmaschinen AG (Heidelberg) has the right solutions for all these requirements. "We have consistently enhanced our postpress range in order to optimize the entire production process, and will be showcasing new machines for both commercial and packaging printers at drupa 2016 which will help our customers to be successful and competitive in their production", explains Harald Weimer, Member of the Management Board responsible for the Heidelberg Sales and Services Segment and in charge of the Postpress Division.

Postpress Commercial: Up to 50 percent higher productivity thanks to the new generation of Stahlfolder TH/KH 82-P folding systems

Heidelberg will be presenting the new models of the Stahlfolder TH/KH 82-P folding machines at drupa 2016. The "P" stands for enhanced performance, productivity, and reliability. This series is aimed at industrialized commercial printers with peak performance machines from the Speedmaster XL series or book binders with an annual production of over 40 million sheets. It rounds out the top end of the folding machine range, which now consists of the following product

Heidelberger Druckmaschinen AG
Global Marketing & Communications

Gutenbergring
69168 Wiesloch
Germany

Hilde Weisser

Tel.: +49 6222 82 67971
Fax.: +49 6222 82 9967971

Hilde.Weisser@heidelberg.com
www.heidelberg.com

Press Information

series classified by performance classes and customer requirements: Stahlfolder Ti, Stahlfolder BH/CH, Stahlfolder TH/KH, and the new Stahlfolder TH/KH 82-P as a complement to the Stahlfolder TX 96.

The PFX feeder has been carried over into the new models of the Stahlfolder TH/KH 82-P as a technology transfer from the peak performance machine Stahlfolder TX 96. This is a basic prerequisite for reliable separation and feeding of the sheets to the folding machine in a stream of shingled sheets. The increase in productivity of up to 50 percent is achieved through an innovative sheet guide, which permits shingled folding through the entire folding machine. This means that shingled processing of sheets is now also possible in the folding stations in the Stahlfolder TH/KH 82-P.

This has two advantages for the user: Shingled guiding enables more sheets to be processed in the same time, without increasing the speed at which sheets are transported. For example, folded sheets in the final format 16-page A4 can be produced at a rate of up to 16,000 sheets per hour, at a machine speed of just 150 meters a minute. Common machine speed results in an increase in quality as well as more stable and constant production, even with sensitive papers.

New user reports uniform folding and better production planning

“We are so happy with the new Stahlfolder TH 82-P that we bought it along with a Stahlfolder KH 82-P after the field test,” report Klaus Harig and Rainer Suerbaum, both heads of the postpress department of the bookbindery of Meinders & Elstermann GmbH & Co.KG (M&E). The full-service printing company in Belm, Osnabrück has been testing the Stahlfolder TH 82-P since last fall, and has found the perfect postpress complement to its existing Stahlfolder TX 96 folding systems for keeping pace with the high output of the Speedmaster XL 106 machines. “The Stahlfolder TH/KH 82-P machines are unbeatable, especially when it comes to 16-page signatures in conventional imposition, because the predictable folder output means we can better plan now. From May, all postpress machines will be integrated into the Prinect workflow to make production even more transparent and efficient.”

The signatures created in this way are then forwarded seamlessly to the saddle stitchers and adhesive binders, where they are turned into end products like brochures, catalogs, magazines, and business reports. M&E Druckhaus has evolved over its long history to become the international system provider it is today with around 170 staff.

Press Information

Stahlfolder TH/KH machines score with productivity, flexibility, and modularity

Heidelberg presented the Stahlfolder TH/KH generation at drupa 2004 and has been consistently enhancing these machines ever since. The enhancements include the introduction of the Stahlfolder KH 82 at drupa 2008 and the introduction of the PFX feeder for the shingled system in 2012. There are thousands of Stahlfolder machines installed around the world. The users value the modular design of the folding machines, and therefore their very high flexibility. The enhanced Stahlfolder TH/KH 82-P machines stand out thanks to their productivity, which is guaranteed through the use of the palamides alpha 500 hd delivery with one-person operation (a horizontal log stacker can alternatively be used). A new enhancement to the Stahlfolder TH/KH folding machines is an optional press module integrated in the folder. This produces a sharper fold, resulting in better quality and better processing in subsequent folding stations.

“The new Stahlfolder TH/KH 82-P allows us to increase productivity without compromising on quality and process reliability”, explains Harald Weimer. “The machines can also be integrated into the Prinect printing and media workflow and controlled via Remote Service for maximum transparency and reliability. This in turn is a big step towards the smart print shop.” The Stahlfolder TH 82-P, Stahlfolder KH 82-P, and Stahlfolder CH 56 folding machines will be presented at drupa in Hall 1 in the Commercial area.

Postpress Packaging: Further expansion of partnership with Masterwork and new machines for drupa 2016

The strategic partnership between Heidelberg and the Chinese company Masterwork Machinery Co. (MK) in the area of postpress for packaging printing is being further expanded. All Heidelberg distributors are now selling the die cutters and folder gluers produced by Masterwork, with Heidelberg looking after servicing. MK will have the biggest partner stand at drupa in Hall 1. There, the visitors will see an extensive range with new machines. In the future the value class will feature die cutters from the Easymatrix series which offer an attractive price/performance ratio. The professional class will feature die cutters from the ProMatrix models which are intended for medium to long production runs. A new launch for drupa will be the introduction of a die cutter from the peak performance class which delivers maximum productivity and can be integrated into a smart print shop with the Prinect workflow or data terminals.

“With MK’s well-rounded range of die cutters, we can provide the right solution for packaging printers for effective and economic production of folding boxes, no matter the application”,

Press Information

explains Harald Weimer. “The partnership with MK has gotten off to a successful start, and we will be showcasing new products at drupa for folder gluers also.”

Figure 1: The new generation Stahlfolder TH/KH 82-P folding machines for higher productivity. Productivity can be increased by up to 50 percent in a Stahlfolder TH 82-P with PFX feeder with shingled sheet alignment and palamides alpha 500 hd delivery.

Figure 2: Klaus Harig (left) and Rainer Suerbaum, both heads of the postpress department at Meinders & Elstermann GmbH & Co.KG, thoroughly tested the new Stahlfolder TH 82-P and are more than satisfied with its high productivity.

Figure 3: Product portfolio Heidelberg Commercial

Figure 4: Product portfolio Postpress Packaging

Image material as well as further information about the company can be found in the Heidelberger Druckmaschinen AG press portal at www.heidelberg.com.

For more information:

Heidelberger Druckmaschinen AG

Hilde Weisser

Tel.: +49 6222 82 67971

Fax.: +49 6222 82 9967971

E-mail Hilde.Weisser@heidelberg.com