

## Balkan Print Forum News

1 / November, 2008

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*Balkan Print Forum News  
is an edition of manroland AG  
and the Balkan Print Federations*

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### **Third Balkan Print Forum**

*23<sup>rd</sup> and 24<sup>th</sup> of October, Istanbul, Turkey*

The Third Balkan Print Forum meeting under the patronage of manroland AG took place on 23<sup>rd</sup> of October at the impressive Rahmi Koc Industrial Museum in Istanbul, Turkey. More than 80 specialists, experts and managers from printing federations and companies in Bulgaria, Greece, Hungary, Romania, Serbia and Turkey attended the Forum. Among the participants were also many manroland's customers as well as journalists from the local and Balkan countries trade press.



BASEV, the Printing Industry Educational Foundation of Turkey, MAN Ferrostaal A.S, Turkey and manroland AG, Germany hosted the Third Balkan Print Forum. The main intention was to discuss further trends in the printing and media industry and outlooks for the future, as well as to start a programme for joint activities and mutual support with the assistance of manroland AG, the patron of the Balkan Print Forum.

Professional speakers from manroland AG, Intergraf and some Turkish companies made their presentations at the Forum under the event motto "Development of the European Printing Industry and New Chances and Challenges for the Balkan Region".



se, who is the Secretary General of Intergraf, revealed the challenges of the EU Printing Industry and the current initiatives of the Confederation.

“Packaging design meets with paper” was the presentation title of the industrial designer Orhan Irmak. His creative ideas have received several awards, as the Reddot design award in 2007 and the Design Turkey award in 2008.



Orhan Irmak



Süleyman Ertem

Süleyman Ertem, representing KASAD (Carton Board Packaging Manufacturers Association in Turkey) & ECMA (European Carton Makers Association), spoke about new trends in carton packaging and gave some figures about the volume development, carton output and carton sales in the last seven years.

By the end of the Forum BASEV handed Certificates for Participation to the Balkan Print Federations.

### Visiting manroland customers in Istanbul

On the 24-th of October the foreign guests had the possibility to visit the Dogan Printing Center in Istanbul. Hamil Alnıaçık, general manager of the facility, personally welcomed the colleagues from the Balkan Print Forum. The modern newspaper printing centre is the biggest in Turkey. It produces *Hürriyet* plus 8 more daily newspapers. High quality products are printed on two identical Colorman presses from manroland installed in 2000 and 2001. The facility has a continuous production in 365 days a year with a daily output of about 2.5 million copies. The daily paper consumption is about 400 tons. At the Gül Mat-

baçılık printing house for food packaging the production of the two ROLAND 900 presses, a five-color and a six-color, draw the attention of the visitors.



(from left): Alparslan Baloglu, Board Member of BASEV, Turkey; Aldis Spurdzins, Managing Director, MAN Ferrostaal A.S, Turkey; Aysan Sakar, President of BASEV, Turkey; Domniki Papathanassiou, Marketing & Finance Manager, Graphics S. A., Greece; Pinar Amaç, MAN Ferrostaal A.S, Turkey; Beatrice Klose, Secretary General of Intergraf; Dr. Erzsébet Novotny, Technical Association of the Paper and Printing Industry, Hungary; Gregory Kokkoris, Vice-President of the Hellenic Federation of Printing Media Communication, Greece; Dr. Rossitza Velkova, Balkan Print Forum Coordinator and Board Member of the Printing Industry Union of Bulgaria; Dušan Pavićević, President of the Union of Graphic Engineers and Technicians of Serbia; Thomas Hauser, Vice President Corporate Marketing & Communications, manroland AG; Stefan Valev, Managing Director, manroland Bulgaria EOOD and manroland Romania S.R.L.; Heiko Stock, Corporate Marketing & Communications, manroland AG.

### The Balkan Print Forum initiative development

Initiators of the Balkan Print Forum are the Bulgarian Printing Industry Federation and manroland. The First Balkan Print Forum took place in October 2006 in Bulgaria. Hosts were the Bulgarian Printing Industry Federation and manroland Bulgaria. Co-initiator manroland took over patronage of the project. The Hellenic Federation of Printing Media Communication and the company Graphics S.A. organised the Second Forum in Athens. Since drupa 2008 the member countries of the Balkan Print Forum grew up to 11: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Former Yugoslav Republic of Macedonia, Greece, Hungary, Romania, Serbia, Slovenia and Turkey. The main targets of the Balkan Print Forum are to share experiences and know-how, to initiate and intensify contacts, to support joint projects in the Balkan region.

Info: Balkan Print Forum  
Pictures: © Polygrafia Magazine

## One Touch: Newspapers to be Produced at the Touch of a Button

*manroland bases its developments on market requirements and presents the press concept of tomorrow – with One Touch newspaper production will be fully automatic in the future as seen in the autoprint press series.*

The new focus of the manroland newspaper press portfolio is based on the requirements of the market. The innovations include future control concepts, as well as the fastest possible makeready processes and a printing process that is fully automated to a large degree. The vision: printing at the push of a button, with only one person at a single control console. With its new autoprint press series, manroland has taken some important essential steps towards full automation.



*The vision: printing at the push of a button, with only one person at a single control console.*

### One the way to One Touch: APL and APL logistics

The APL and APL logistics fully automated plate change systems by manroland are pioneering developments on the way to fully automated printing. APL is the automatic plate change system featuring a robot arm, which was developed by manroland in cooperation with KUKA. The entire plate change takes place fully automatically. Equipped with vacuum suction heads, the robot arm removes the old plates from the cylinder and replaces them with new ones. This limits the changeover process to a mere three minutes. APL was already introduced back in 2007 and can boast a considerable success story today. The pilot customers Saarbrücker Zeitung, Osnabrücker

Zeitung, and Freie Presse Chemnitz will be the first ones to use APL in daily operations by the turn of the year. The Mannheimer Morgen, Mittelbayerische Zeitung in Regensburg, and a customer in Germany, who wants to remain unnamed for now, are three newspaper publishers who have decided on this new technology.

To make the change process even more effective, manroland's engineers developed APL logistics. APL logistics stands for an integrated workflow in the print shop. The system enables an almost fully automatic plate change process – with APL logistics only the disk storage must be loaded manually by the operator in the sound insulated room. They are moved into the loading position fully automatically via a rail transport system. APL logistics equally focuses on a reduction in changeover time, ergonomics and for the printer a stress-free working without exposure to airborne noise, structure-borne noise and aerosols emitted by the printing press. In addition, the entire change-over process is integrated in manroland's printnet workflow concept. This results in modern data handling and plate logistics management without the currently prevalent need for manual logistics between the prepress and press.



*The system enables an almost fully automatic plate change process – with APL logistics only the disk storage must be loaded manually by the operator in the sound insulated room.*

### What is autoprint?

However, the claim to offer a fully automated printing process in the near future not only includes systems for automation and a reduction in change-over times. Suitable systems for presetting, control systems for color and cut-off register, web tension control and ink density and dampening solution control

are equally important. These features help manroland to partially implement the One Touch vision today and represent the first step towards fully automatic production – with the new manroland autoprint press series. If one examines the possible technical features of the individual printing phases (outgoing, change-over, ramp up and production run), it soon becomes apparent that the claim to create an autoprint printing press will soon become a reality and the vision will become a solution. The aim is to carry out outgoing, change-over, ramp up, and production mode without any interference by the operator. Presetting reduces waste to a minimum and fixes it at set values. The ink zones of the presses should only be operated in exceptional cases and remain blocked. manroland is making straightforward progress in all these areas. The crucial operations of a printing process have already been synchronized. The functions related to the presetting systems are controlled by manroland's Quickstart system. Quickstart includes modules that are already effective during the outgoing. This way, the press is both stopped in a waste-reducing way and prepared for the following production run in terms of processes and data. The proven manroland ClosedLoop systems operate directly within the press, thus guaranteeing an automatically adjusted, constantly high quality throughout the entire print run. One example is the CutCon C system developed by manroland for cut-off register control. The system decreases the amount of preparatory work and enhances the quality. At 50 meters per minute, automatic webbing-up to the former is the fastest on the market. The new automatic InlineTension Control keeps the web tension constant in the critical web guide area between the printing unit and the folder superstructure.

### Competence in wet offset

Based on the experiences gained in the area of ink and dampening solution control manroland is able to further automatize and optimize the wet offset process. Inline-Density Control e.g. reduces waste and offers a constant quality throughout the entire production mode. From the listed technical features it becomes apparent that autoprint leads to a fully automated operation of the printing press in all key areas of printing. The presented automation modules allow efficient operation coupled with guaranteed high quality – for all requirements for contemporary newspaper printing. manroland has created a new and modern standard for newspaper printing that was not possible until now.

### Modern operating concepts

To top it off, the new press series are easier to operate. The new, height reduced printing units offer the following advantages:

- Access to the printing unit is always ensured, even during operation.
- You can access the printing units via hoists or printing lifts.
- Automation modules such as APL and APL logistics can therefore be retrofitted at any time in the future.
- The new design does not lengthen the press system, and a low design facilitates handling and maintenance.



*To make the change process even more effective, manroland's engineers developed APL logistics. APL logistics stands for an integrated workflow in the print shop.*

Modern operating concepts, substantially reduced makeready processes with APL and APL logistics, as well as the new autoprint functions in the Closed-Loop area, constitute manroland's One Touch vision. Or to put it in other words: the vision of automated printing is becoming a reality.

*Press Release: manroland AG*

## Symposium GRID

The 4th Professional and Scientific Symposium Graphical Engineering and Design grid '08 took place on 13<sup>th</sup> and 14<sup>th</sup> of November in Novi Sad, Serbia. The main aim was to continue the exchange of information amongst scientific workers, researchers, experts and professionals, who work in the graphic industry in Serbia and abroad. The Symposium was supported by the Ministry of Science, Republic of Serbia; the International Association of Research Organization for the Information, Media and Graphic

Arts Industries IARIGAI and by leading manufacturers in the graphic industry. grid '08 was attended by specialists from Austria, Bulgaria, Croatia, Former Yugoslav Republic of Macedonia, Germany, Hungary, Serbia, Slovenia and the Ukraine.



*Info: Balkan Print Forum*

## **Balkan Print Forum Member Federations and Organisations**

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*The second issue  
of the Balkan Print Forum News will be  
published at the end of February, 2009.*