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DRUPA 2012

Your vision our mission

The **Matti Group** showed a Technical Display “*beyond compare*”, featuring our latest innovations and demonstrating our technical expertise. The equipment shown could be configured to meet the most demanding print requirements for Transpromotional, Bank and Insurance Documents, Variable Data, Statements, Utility Bills or Mailing Campaigns. The **Matti Group’s** presentation featured the new **MFP Multi-Function Processor and Coater** showing how you can add new dimensions to the world of digital print- “Your vision our mission”.

The Presentation



Pre-Processing:

The display incorporated a **Matti Orion Unwind, Model MOU5020/ACC** feeding Crown Digital PP90 supplied by **CVG Papier** pre-printed by a **Xerox CiPress** High Speed Digital Printer at the show.

The Unwinder incorporates a Buffer Accumulator, allowing the Unwinder to soft start and stop when connected on-line to high speed digital printers running at speeds of over 150 mtrs/min permitting them to stop and start in 2 seconds.



The web was then fed into a **CiPress** paper transport system.



The transport system was shown with clear covers so that visitors could see the high quality of engineering used in this ultra-modern high speed printer.

Nothing was left behind closed doors, the Matti Group are acknowledged as specialists for the design, development, system integration and manufacturing services for the high speed digital print arena and on show was just a part of what is available “Your vision our mission”.

Post-Processing:

On the output of the digital printer base was the **NEW Multi-Function Processor Model MFP**.

To show how uniquely modular this unit is, it was shown with dynamically selective file hole punching, dynamically selectable horizontal perforation cassettes and sprocket punching post printer. That makes this unit matchless and extremely versatile, a truly unrivalled unit that can be configured with multiple converting processes, including sprocket punching, pattern die cutting, file hole punching, ink jet print heads, flexographic and letterpress print modules, cameras, security punching, horizontal and vertical perforators.

By utilising the expansive options package the MFP can be configured as a pre or post processing device, can be configured for selective and dynamic applications, can be controlled by barcode or 2D codes for both pinned and pinless paper. Ideal for applications such as Transpromo, Security Printing, Itemised billing applications, Statements, certificates and coupons.



At Drupa the **MFP** was shown producing Sprocket Holes Post Printer, Coupon and Giro application all controlled via the 2D code.



Processed exhibition application showing File Hole Punching Coupon Perforation and Sprocket Punching

After the Multi-Function Processor the web was fed into the **Matti Coater**.

The **Matti Coater** unit is designed to handle various substrates and can improve the mechanical handling ability, increase page appearance and add security to a continuous web. Based on well proven technology it can be used as a pre or post processing device on or off-line. In the world of digital print the multi-functional coater can be configured to apply a variety of solutions and can facilitate different drying systems depending on application, including cold UV, IR, high frequency drying and convection hot air drying / cold air treating, etc.



Ideally suitable for security (finishing) applications, company logos, identity flashes, signatures and coating.

Downstream of the coater the web was turned 90° and then rewound on a **Matti Orion Rewinder Model MOR5020/ACC**.



By utilising the options package the rewinder can be configured for a vast range of printers or other host devices. All the rewinders incorporate a soft start system; therefore ensuring reels are consistently rewound to pre set tension parameters. Therefor ensuring the reel is wound to the highest standards, which is crucial for subsequent processing.

The Rewinder shown featured a built-in Buffer Accumulator, allowing the Rewinder to soft start and stop when connected on-line to high speed digital printers running at speeds of over 150 mtrs/min permitting them to stop and start in 2 seconds.

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