

Press Release

For Immediate Release
Fresnes, le 18 September 2017



LabelExpo 2017 – worldwide Innovation by MGI with a new roll to roll digital combination press integrating High definition 4 color printing & Embellishment.

The brand new JETvarnish 3D Web Color + is the first roll to roll digital press worldwide to offer the label market a complete in line solution without make ready and tools :

- *4C high definition printing (3600 dpi)*
- *Dry toner*
- *Variable Data*
- *Flat (2D) and tactile effects (3D) spot UV varnish (up to 232 Microns)*
- *Digital Foil*
- *Semi-rotary Die Cutting.*

Worldwide leader on the ink jet embellishment press market with a portfolio of 4 presses (both sheet and roll to roll), MGI introduces for the first time at Label Expo a new innovation for the label and folding carton market. (Booth 8C51-8C52).



MGI, pioneer of digital « combination » printing presses

The JETvarnish 3D Web Color+ is the first digital “all-in-one” roll to roll printing press on the market. This new press includes toner 4C printing, spot or Relief Ink Jet Varnish, Foiling ; all in digital with personalization if needed; and inline die cutting, slitting and rewinding.

"One year ago, the launch of our Meteor Unlimited Color at Drupa, a sheet-fed digital press integrated, in line, digital hot foiling, represented a real technological breakthrough on the printing market. As the first "all-in-one" digital press" explains Edmond Abergel, MGI's CEO.

"This machine is a great success, and generated a lot of interest from our label market customers and prospects. They wanted to benefit the same integrated concept on our roll to roll embellishment press the JETvarnish 3D Web."

A Proven 4C Printing Technology.

Looking for a reliable and efficient industrial solution to offer to our manufacturers eager to use presses operational immediately, MGI chose a well-proven digital printing technology. An easy choice to make since Konica Minolta, partner and major shareholder of the French manufacturer, masters the digital toner technology.

The integration of the “Color+” 4C printing technology on the JETvarnish 3D Web allowed demonstrating the complementarity of MGI and Konica-Minolta R&D teams. As Edmond Abergel says: *"To work on the JETvarnish 3D Web Color+ project we regrouped a team of Engineers and technicians from both companies in our head office in France. This successful collaboration reveals the effectiveness and agility of our association and our ability to maximize developments and placing on the market delays of innovative and reliable solutions in industrial printing"*

Perfect Registering from the first label with the SmartScanner by MGI

User friendly through an intuitive operator touch panel, the JETvarnish 3D Web Color+ to sets up a few minutes.

The spot UV varnish and foil application is perfect and does not require any tools. The press can embellish any substrate pre-printed in offset, Flexo or digital, with or without variable data.

« This unique patented technology processes 5 thousand billion operations per second ((5 téraFLOPS). Thanks to the AIS scanner any spot or 3D varnish and digital foil registering is good right away. Make ready time and waste is eliminated as well as expensive tooling ", explains Edmond Abergel.

The JETvarnish 3D Web Color+ makes it possible to print with or without variable data from 1 proof to a full label production.



All in one path, from surface treatment to label rolls slitting and rewinding!

The JETvarnish 3D Web Color+ configuration allow Flexo primer application and embellishment on a variety of substrates from paper to synthetic and light cardboard.

The JETvarnish 3D Web Color+ production speed, for 4C and embellishment with varnish and foil, is between 10 m/min and 20 m/min for 1200x1200 dpi 8 bits resolution (equivalent to 3600dpi) on a 330 mm web width. The speed without 4C printing can be as high as 42 m/min and the width up to 420 mm.

The semi-rotary die cutting unit allows producing label roll in line without additional operation.

Embellishment is possible... with variable data!

The JETvarnish 3D Web Color+ allows to drop off complex embellishment elements on a roll – flat or embossed UV varnish, digital hot foiling, embossing or holograms – handled with data, variable or not.

“Number wine labels with hot foiling and printing holograms embedding unique codes on packaging is now possible” indicated Edmond Abergel, concluding: “The JETvarnish 3D Web Color+ creates a true breakthrough on the roll to roll printing market. This new technology allows to print short, middle or long runs with 4 colors, until now impossible with traditional technologies.

This unique and flexible solution breaks the barriers and allows to not mediating between the expensive and complex products until now reserved to the luxury market and the rest of the market anymore.

The JETvarnish 3D Web Colors+ label stands out from the shelves right away with eye catching effects on many substrates that can be produced easily and economically.

Democratization of color, spot varnish, 3D varnish, hot foil and variable data is now within all label converters 'reach.

Discover the JETvarnish 3D Web Color + at Label Expo on Booth 8C51-8C52

HD picture on demand
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For more information, please visit <http://www.mgi-fr.com/fr/> or www.mgiusa.com
Follow MGI activities on Facebook & Twitter @MGI_HQ @MGI_USA for the latest MGI printing technology news.

About the MGI Group:

International Printing Industry Leader

Founded in 1982, the MGI Group is a public company with offices around the world and is registered on the Euronext/Alternext stock exchange (ALMDG). The MGI Group is a global digital printing technology leader composed of MGI Digital Technology, headquartered in Paris (Fresnes), France and KÖRA-PACKMAT, located in Villingendorf, Germany and CERADROP, located in Limoges, France



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