



Press Release

GAMA AT CONVERFLEX 2015

GAMA presents new VIS-G20, VIS-G30, VIS-G31, G150, G200 and G300 quality ink control systems as world première at Converflex 2015 - Hall 02 Stand F21-G28

Milan, May 2015 - GAMA will present a wide variety of new solutions for Printing and Converting at Converflex from May 19th to 23rd 2015, at Hall 02 Stand F21-G28.

GAMA will show the consolidate solutions of control process systems **VIS G26, G29 and G28**, with measurement “**vibration**” technology for the viscosity control of inks, together with the **G90** for temperature control and the **G50** for the pH control. The new innovative systems **VIS G20** for the viscosity control of inks, **VIS G30** for adhesives and varnishes, and **VIS G31** for the pH control. These systems benefit from the same innovative features as the previous ones:

- Easy to use
- Compactness
- Lack of mechanical parts subject to constant wear
- Reduced maintenance
- Integration into the conduit for sending ink to the press
- Compliance with antiexplosion standards
- Energy saving
- Low environmental impact

Other products will complete the series of innovative control systems: **G200** for the detection of ink consumption, **G150** and **G300** for managing data and automatic process of activities.

VIS G20 for Flexographic and Gravure printing industries

The new **G20** system allows the control of the viscosity of solvent-based inks and, if necessary, automatically makes corrections by means of the addition of solvent for accurate print quality and to obtain the maximum performance of the Flexographic or Gravure presses. The system communicates information to the operator in real time and issues a report at the end of the production. The operator can save set-up and “Jobs” parameters for future reprints. It is ideal for 1 to 6 colours printing presses, with the possibility of managing it by a single colour LCD keyboard or PC.

The **VIS G20** can be integrated with the **G90** ink temperature control system to obtain a stability of temperature, with recommended values between 22°-25°, and to reduce the generation of foam for an excellent qualitative yield during the printing process.



VIS G30 for varnishes and adhesives

The **VIS G30** is a viscosity and temperature control system for solvent-based and water-based varnishes and adhesives. The G30 can be installed on an element of Flexographic or Gravure printing press or on a laminator. Easy to use and to set, the G30 can be managed by a PC, as integral part of an ink control system, or through a LCD keyboard.

Valves are provided to keep any formation of dirt out of the measurement area and out of the sensor, making sure the viscometer stays clean.

The VIS G31 for the corrugated and cartonboard market

The **VIS G31** is the pH control system for water-based inks that permits to verify the pH value and, if necessary, automatically makes corrections by means of the addition of stabilizer (ammonium), to reach the desired viscosity value. This product has been developed for the cartonboard and the corrugated market, in case it is not necessary to check the viscosity of the inks.

New solutions and new market segments for GAMA

The **G100** has been realized from the experience of GAMA in packaging. It's an offline system that, by a spectrodensitometer linked to the Viscosity System, reads the density values of the colour scale of a printed product, and sends the detected data to the Supervisor. In case density data are not in line with the expectations, the GAMA Supervisor will set new values of viscosity, for a correct ink-solvent formula of the different colours, in order to obtain the accurate density.

The **G150** is a solution linked with the Chromalab, or online spectrodensitometer, installed on the printing press, that enables the management of data in order to compensate colour variations. During printing, the inspection system sends, on the fly, the density and LAB data to the ink control system GAMA Supervisor and, if the colour density or the LAB value have been modified compared to the preferred values, the G150 automatically changes the viscosity value to obtain the correct density and to improve the delta E.

The **G200** is the detection system of ink consumption during the printing process. The processed data, related to the quantity used, allow to compare the estimate data with the values of ink consumed, for the objective cost calculation of the printed product.

The **G300** is a system designed to allow a fast start-up in case of reprinting. Using a bar code reader, the operator reads the data reported in a print sample or customer folder and automatically recalls from the Supervisor the "Job" archived. The digital Job folder contains all the data and viscosity parameters of the various colours, for an immediate calibration of viscometers.



Customers can also check for new updates to facilitate the functionality and ease of use of the currently installed systems, in particular the new software of the **G26**, that allows to amplify the functions of the system itself.

Looking to the future

GAMA cooperates with the R&D departments of Flexographic and Gravure printing press manufacturers, for continued implementation and integration of their systems in the presses and to offer more benefits to customers.

GAMA will continue to use its winning technologies to be recognized as Leader in process and quality control systems.

About GAMA

GAMA designs and manufactures automated control systems for inks, varnishes, glue and adhesives for packaging, labels and converting applications.

GAMA installed more than 7.000 systems worldwide. GAMA solutions are sold to customers in the packaging, labeling, newspaper, commercial printing industry and to manufacturers as OEM.

GAMA's headquarters are in Robbiate (LC), and the Sales and Marketing GAMA-I&C office in Milan.

In 2012 **GAMA International** has been founded to strengthen GAMA's presence in the international market and to implement the distribution network in sales and in post-sales operations.

For more information please visit the **GAMA website**: www.gamaiec.com.

Visit us at **Converflex 2015, Hall 2 Stand F21-G28**, to receive further technical information and, if you would like to make an appointment, don't hesitate to contact:

Sante Conselvan
Sales & Marketing Director
GAMA Srl
Via Milano, 76
23899 Robbiate (LC)
Tel. +039 9515666
Fax +39 0399515726
s.conselvan@gamaiec.com

Elisa Conselvan
Marketing Communication Manager
GAMA Int. Srl - I&C Sas
Via Ronchi, 39
20134 Milano
Tel. +39 0226417365
Fax +39 0226418707
marketing@gamaiec.com