

## **Why inc.jet HP DOD?**

Array Graphics is proposing printing solutions on the basis of proven HP Drop-On-Demand inkjet technology excelling to print variable data at high speed. Array Graphics is the European Master Distributor for **inc.jet** Inc. the leading American manufacturer of HP DOD OEM solutions. We are specialized in the integration of our printers in the equipment of third parties. What does this mean for you?

## **Extended capabilities**

Drop-On-Demand is a state of the art inkjet printing technology that is currently in high demand by the printing industry. It combines high quality printing at a high resolution with ease of use. The maximum printing resolution is 600 x 600 dpi. The maximum print speed is 0.7 m/s at 600 x 600 dpi up to 2.8 m/s at 600 x 150 dpi. On the production floor it is clean and there are no smells of solvents. **Inc.jet** has developed its **jet.engine** printers for applications in the graphics industry, facilitating to print high speed variable data. By including **jet.engine** printers into traditional sheet fed or WEB printers, full variable information can be added now. **Inc.jet's** own GUI software running on a PC with MS-Windows, can be used to set up a job easily with all thinkable kinds of information. From a database variable information is provided. With the intuitive software a layout of the page or label to be printed is created. It can contain variable text, variable numbers, variable barcodes, and dynamic bitmaps with images or graphics. Of course, all or parts of the information can be static, too. It also includes a sophisticated number generator. For text, all Windows fonts can be used and virtually all industry standard barcodes can be printed. Also 2D codes are available.

## **Highest printing quality**

Thanks to **inc.jet** proprietary electronics the customer gets the highest printing quality available in the market. The printers feature full electronic stitching. This allows combining an array of printers to print seamlessly over the full width of a page acting as a single printer. Of course, this is fully supported by the GUI. The electronics make sure that in combination with a photo sensor and an encoder the printers print at exactly the right spot and that differences in running speed and direction have no influence on the printing quality.

## **Quality inks for graphics industry**

To complete the printing solution, we also feature a wide range of specialized high quality inks, dedicated for the graphics industry. For the best printing quality and the highest productivity, the combination of the ink and the substrate is essential as always. Our **jet.fuel** inks are especially developed to perform under all circumstances. Inks are available for standard paper, absorbing materials, coated stock, glossy paper, and others. They will provide excellent blackness and the best drying times. A wide range of color inks are standard available. However, on demand we can also provide you with the exact color you need for your application. For big ink consumers we have the fuel.tank bulk ink system, featuring economic 800 ml ink tanks.

## **Applications**

The **jet.engine** excels in a vast range of applications. Variable data or frequently changing information is the key word. Examples of applications are:

Envelope addressing on a mail-table or inserter

In-line printing in web or sheet fed press

- addition of variable data
- highlight colors
- logo's

Variable barcodes

Large image printing (silk screen replacement)

Direct mail

And many more.

## **For further information please contact:**

Array Graphics – Sales Office  
Laan der Continenten 24  
2404 WC Alphen aan den Rijn  
The Netherlands

Gerrit Willems  
General Manager

Tel: +31 – 172 – 653260

Gsm: +31 – 617 – 770782

Fax: +31 – 172 – 653025

Email: [gwillems@arraygraphics.com](mailto:gwillems@arraygraphics.com)

The experience of Array Graphics and the qualities of **inc.jet's jet.engine** provides you with the best integration of HP DOD inkjet for your printing system.