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PRINTHEADS

A close up look at inkjet printhead technology

COVER STORY

Workflows for digital packaging production

COLOUR

The importance of colour and how to manage it

LABELXPO

A preview of what will be on show in Chicago

show will be the HP Indigo WS6800 for high volume label and packaging production. Bringing digital printing advantages to embellishment printing, the company's new fully integrated, single pass digital combination print process will be shown as part of a WS6800.

For packaging, the wider web HP Indigo 20000 will be shown. This offers the freedom to produce nearly any packaging application, including flexible packaging, labels and shrink sleeves on film or paper.

Impression Technology Europe (ITE) (6412) will be highlighting the Eclipse LF350 label cutter, which has a 5.1 m/min output, allowing for a 800 mm wide label capability alongside a digital cutting capability of up to 350 mm.

Demonstrations will display the efficiency of the LF350 compared to other models. It was designed as a compact machine with simple loading and unloading in label work environments, and is supported by software and a user friendly control panel.

INX International (3010) will show the NW210 inkjet UV digital narrow web press, which features UV LED advanced curing technology. It delivers single pass output on any label stock at speeds up to 80 ft/min, combining printing and conversion to produce colour printed labels at a maximum printing width of 210 mm. It also incorporates a Spartanic laser die-cutting station and Xaar patented technology with multiple drop sizes and color ink channels.

iSys Label (6413) will reveal the Luna 850 desktop cut sheet printer designed specifically for wine and beverage labels. Fitting 8.5 x 11 inches (215.9 x 279.4 mm) sheets of die-cut wine label material, the printer brings beverage label printing in house for small and large wineries alike. It comes with iSys2Print software and a Harlequin RIP for full colour management and precise colour matching. Labels can be printed and applied within minutes, making the need for outsourcing a thing of the past. iSys Label will also be showcasing variations of the Edge 850 printer, one printing roll to roll using white toner and the other performing roll to cut using BS5609-compliant material for the chemical and drum labelling market.

Jindal Films Americas (829) has been short-listed in the Innovation category for companies with over 300 employees at the Label Industry Global Awards 2016. The company, which invested \$180 million in new national headquarters and an R&D centre in Georgia last year, will be showing its range of BOPP films.

Karlville (3126) will showcase shrinksleeve, pouch and flexible packaging converting solutions for narrow and mid web print industry. Lamination and slitting converting solutions for entry level label printers looking to expand their flexible packaging offering will be highlighted on the stand.

Konica Minolta (5413) will show the latest innovations in label and packaging applications. The company will have its digital label press, the

bizhub Press C71cf on stand. The toner-based printer runs at 13.5 m/min with a maximum web width of 330 mm and 1200 x 1200 dpi resolution (with optical resolution of 3600 dpi). **There will also be an MGI JetVarnish 3DW +Foil converting line running, showing its capabilities in spot varnishing and foiling, as well as die-cutting and slitting.**

Label Traxx MIS (5920) will be launching three new modules as part of the roll out of version 8 of its software. These include an API Module, which enables users to share data with many other systems that support HTTP and SOAP protocols. The API module can be used to link to CRM systems or labelling software for example. Business Metrixx is a new dashboard module for viewing data generated a business in new ways. Users can monitor and manage key trends and make informed decisions about the future direction of the business. The Financial Center module offers a new solution for managing financial accounting within a multi-plant business. As mergers and acquisitions continue to trend in



The NW210 UV inkjet press from INX incorporates a Spartanic laser die-cutting station

the packaging industry, this new module allows remote locations to send their financial data securely to a central or main location for reporting. New consolidated reporting features allow management to view data by location or combined as a single entity.

Other key developments include a new two-way communication with Xeikon presses. Label Traxx has also modified its financials to ensure that the software is fully compliant with the Mexican Government Tax Authority (SAT) requirements for electronic accounting records known as Anexo 24.

Mark Andy (319) will launch Digital One, an entry level digital and converting label press designed to print short run prime labels with inline converting at a modest investment level. The compact press offers CMYK at 1200 x 1200 dpi resolution with a single flexo station for inline converting. It has been developed to free up capacity on flexo production presses and bring greater efficiency to short run, fast turnaround work.

Martin Automatic (811) will introduce the MLSW Splicer for non-