



HP Inkjet High-speed Production Solutions Open House at O'Neil Data Systems: HP IHPS Partners

HP Inkjet High-speed Production Solutions (IHPS) – a division of the HP Graphics Solutions Business responsible for the development of the HP Inkjet Web Press – is taking a leading role in establishing real-world solutions in the 30-inch wide high-volume digital color inkjet press platform, establishing a range of partnerships with leading finishing and mailing technology firms.

The range of [partner solutions](#) for the HP Inkjet Web Press enables high-value workflows in transactional and direct mail printing, book publishing and newspaper applications. The comprehensive solutions print service providers (PSPs) can establish with partner solutions and HP graphic arts technologies represent HP's enduring commitment to customer success.

Editorial contacts:

Annie Heck, HP
+1 541 715 3009
annie.heck@hp.com

David Lindsay
Porter Novelli for HP
+1 404 995 4577
david.lindsay@porternovelli.com

Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304
www.hp.com

The HP IHPS Open House at O'Neil Data Systems (May 5-8, 2009) features several partners that are investing in the graphic arts industry's digital future, funding the development of creative prepress software and finishing hardware solutions that will integrate with the HP Inkjet Web Press.

Extending digital book production into medium-run environments with Timsons

In 2008, HP announced a new relationship with U.K.-based [Timsons Ltd.](#), the world's largest book press manufacturer, to develop a digital inkjet system for short- and medium-run book production. HP and Timsons are combining HP's market-leading capabilities in inkjet print technology and IT infrastructure with Timsons' experience in high-volume, high-performance materials handling for a new solution designed to take digital book production beyond niche applications to mainstream production.

As a result of the joint effort by HP and Timsons, the HP Inkjet Web Press will connect with a new Timsons Digital Book Finishing System that operates at speeds that match the performance capabilities of the press. French firm CPI, Europe's leading book printer and a participant in the HP Inkjet Web Press pilot program, is expected to implement the book production solutions from HP and Timsons.

HP IHPS has a range of additional partners developing solutions for the HP Inkjet Web Press to address a variety of production applications. In addition to Timsons, partners participating in the HP IHPS Open House at O'Neil Data Systems include CMC, EMT International, Hunkeler, MBO, Muller Martini, Pitney Bowes and Ultimate Technographics.

CMC

[CMC](#) is an Italian company established in 1980 that designs and produces film wrappers, traditional envelope inserters and paper wrapping systems while managing related marketing, sales and after-sales assistance activities. CMC provides its clients with record-breaking performance along with unprecedented reliability, producing envelope-inserting equipment and film- and paper-wrapping systems that operate at speeds in excess of 40,000 copies per hour.

The CMC JWR paper wrapper used with the HP Inkjet Web Press takes full advantage of the press's three-up configuration and provides an integrated finishing solution for dynamic, transpromotional document processing. Following printing, the CMC JWR creates envelopes, wrapping the HP-printed documents with paper from a separate web at high speeds. Together, the CMC JWR and the HP Inkjet Web Press can turn mail pieces into marketing tools with efficient production in a workflow where messages are printed on both documents and envelopes.

EMT International, Inc.

[EMT](#) manufactures and engineers web-processing consumables, tooling, sections and finishing lines for the digital, direct mail, commercial and transactional printing markets. EMT International integrates 45 years of conventional high-speed web processing experience into its Chameleon 2000 web processing and finishing lines. Punching, perforating, sheeting, coating, stacking and batching, and unwinds and rewinds are included in the Chameleon 2000 family of equipment.

EMT web processing sections utilize tight-web registration in a durable framework consisting of heavy-duty machined steel sideframes, suitable for any printing environment. Built for web widths up to 762 mm, the EMT Chameleon 2000 may be integrated inline or nearline with an HP digital press as a modular solution, or combined to form complete web processing and finishing lines at tight-web speeds up to 500 feet (152 meters) per minute. Chameleon 2000 tight-web processing and finishing solutions are engineered to provide specific, application-driven solutions partnered with the flexibility of an HP Inkjet Web Press. For HP Indigo operations, the EMT Chameleon Docu-Cut 520 products offer streamlined finishing for postcard production.

Hunkeler

Since its founding in 1922, [Hunkeler](#) has specialized in the development and manufacture of machines and systems for the paper processing industry. Hunkeler's digital business unit incorporates pre- and post-solutions for digital production lines in computer centers and lettershops, in print on demand, and in the production of mailings and forms.

The 30-inch (762-mm) Hunkeler POPP7 system used with the HP Inkjet Web Press allows for the production of newspapers during the evening hours and print-on-demand (POD) book signatures during the day. Digitally printed newspapers can be produced in the well-known broadsheet format without any shrinkage of the image. This solution, an industry first, offers publishers the opportunity to produce as few or as many newspapers as needed, with as few or as many pages of locally relevant content needed, anywhere in the world. Hunkeler's HP partnership also extends to the HP Indigo product line with its POPP6 solution for the HP Indigo W7200 and w3250 models.



MBO

[MBO](#), a key innovator in folding technology, offers solutions that create measurable added value. MBO's unique, often-patented technologies are designed to drastically reduce set-up times and optimize production processes. Ehret-Control, a member of the MBO Group since Jan. 1, 2008, is focused on web-finishing modules.

The MBO/EHRET Control UW +52/770 Unwinder (optional with Web Guide for a perfect sidewise register) was developed to unwind a 30-inch-wide (770 mm) web roll and includes an electric paper lift, de-curling unit and splice table, and features adjustable and constant web tension through a maintenance-free drive with dancer-controlled servo motor. The MBO/EHRET Control VC 770 C High-Speed Fully Electronic Sheeter (with variable format and chip-out size) can be operated off-line or in-line and uses a patented shear-cut method for high-quality results regardless of grain direction. Both MBO/EHRET devices have the throughput capacity to meet the HP Inkjet Web Press' speed of 400 feet per minute, eliminating potential bottlenecks in high-speed, high-volume production.

To achieve consistently high productivity and quality of finishing, including postpress operations, MBO's off-line solutions for the HP Inkjet Web Press employ MBO folding units based on the T800 buckle folding machine, as well as automated delta 703 delivery from palamides. These solutions address the high-speed demands on postpress operations and on folding machines in particular. The folding solution takes advantage of the productivity available in the HP Inkjet Web Press's width.

The MBO/HP partnership also includes other products such as the MBO DIGI-Finisher saddlestitching solution for HP Indigo presses.

Muller Martini

For over half a century the [Muller Martini Group](#), based in Zofingen, Switzerland, has manufactured a broad range of systems for the graphic arts industry. Muller Martini automates the entire production process of newspaper printing plants, print shops and finishing operations.

Muller Martini's SigmaLine in-line book production system – which features digital printing, web sheeting, signature folding and collating, perfect binding and trimming – is based on the Muller Martini JDF/JMF workflow system "Connex" and is controlled by an integrated, end-to-end line control system. SigmaLine offers consistent integration of all sub-processes into a unique total solution. Its fully automated single-operation production sequence, from PDF to the finished book, makes it possible to produce quantities from small classroom size runs up to several thousand copies quickly and economically. All of these SigmaLine features are designed to perform at the wide width and high speeds of the HP Inkjet Web Press.

As a leading provider of print finishing systems, Muller Martini constantly sets new standards to support the industry with its innovations. Market trends are identified early on, enabling the company to develop and supply fully integrated, high-end finishing solutions in combination with high-speed digital printing presses. Muller Martini's SigmaLine exemplifies this by offering consistent integration of prepress, digital printing and finishing subprocesses; industrial-strength design for multishift operation; a high level of automation; and commercial quality of the finished product.



Pitney Bowes

[Pitney Bowes](#) provides the world's most comprehensive suite of mailstream software, hardware, services and solutions to manage and optimize the flow of physical and electronic mail and packages for organizations of all sizes.

Several Pitney Bowes solutions are used in HP's transpromotional/transactional printing workflows, including the DOC1 document composition solution with Content Author for variable transpromotional messaging; VIP/VDE for document transformation, barcoding and output management; and the mailstream Productivity Series (MPS) high-speed inserter with EMS Envelope Messaging System.

In addition to its HP Inkjet Web Press offerings, Pitney Bowes's AddressRight Pro and SmartMailer software and workflow solutions are partner solutions for the HP Indigo product line.

The solutions with HP and Pitney Bowes technologies enable a match between personalized envelopes and personalized letters and statements, offering the unique capability to have full-color, completely matched content on both the inside and outside of the envelope.

Ultimate Technographics

Headquartered in Montreal, Canada, [Ultimate](#) invented digital imposition 20 years ago with the release of Impostrip, and has continued to play a leading role in the market by providing the most innovative and progressive imposition products.

Ultimate's On-Demand Digital/Web product has been updated to take advantage of the width and speed of the HP Inkjet Web Press. Utilizing new imposition concepts and taking advantage of the processing power available in the press's digital front end, Ultimate fully optimizes press throughput.

The HP Indigo product line is also part of Ultimate's HP partnership, with several Ultimate products, including Impostrip HP edition, the award-winning Impostrip Book Stacker and Impostrip On Demand Digital, designated for use with HP Indigo presses.

© 2009 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

