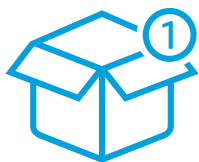


HP One Package Preprint Production Module

The corrugated solution for converters seeking to integrate HP digital preprint presses into their production workflow.



Increase the production capacity and flexibility throughout your box plant with HP's complete digital corrugated workflow ecosystem.

Digital preprint with HP roll-fed digital presses offers box-makers new opportunities to take out cost and time in the printing process and improve the efficiency of downstream processes.

Efficient production of jobs shorter than one roll is possible when analog plates and make-ready time are eliminated, which addresses the customer trend for short runs. Fast turnaround time and Just-In-Time production also delivers supply chain agility to brands, eliminating the need for inventory.

Because digital print uses no plates, it is possible switch from one artwork to the next without stopping. This means that a roll can contain multiple artworks or orders. The challenge is to introduce this multi-job roll into the production system without negatively impacting down-stream processes. The digital printing process needs to take place under the control of the existing factory management and planning systems. Other processes within the production system may need to be informed about the digital rolls to handle them efficiently.



Integration & automation

Most corrugated box plants and converting plants will have a number of critical systems that are necessary for the efficient production of boxes. HP One Package Preprint Production Module is software supplied with the press that enables HP roll-fed presses to be integrated with ERP systems, corrugator planning systems, prepress systems and the corrugator or laminator that produces the board. It automates processes to ensure efficient processing of jobs.

Roll-based planning

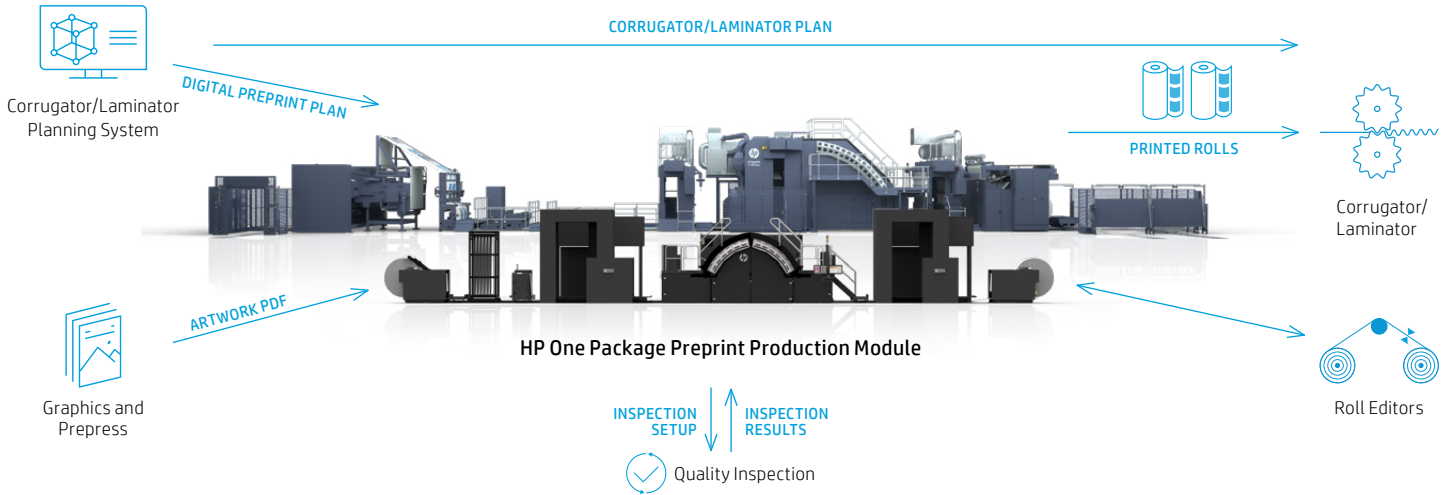
Box plants will typically have a sophisticated planning tool that organizes jobs in the most efficient sequence for the corrugator. Sheet plants and preprint roll plants may need additional planning tools. HP has worked with Tilia labs to create a sophisticated tool that automatically plans a roll based on a set of rules that ensure efficient production.

Add digital value

One advantage of digital print over analog printing is that each print can be different to its predecessor. This means that it becomes possible to place variable codes, barcodes, or data matrices on the print. Increasingly, brands are recognizing the power of variable data to uniquely mark boxes for track-and-trace applications. It is also possible to add unique codes for customer use such as competition codes, digital activation etc. HP One Package Preprint Production Module conveniently enables the insertion of these variable codes into the print data.

Grow with HP

HP One Package Preprint Production Module is built on infrastructure provided by Hybrid Software. HP's consultants will determine which Hybrid Software CLOUDFLOW® and PackZ® modules are required and include these in the proposal. Hybrid Software's tools enable automation and connectivity with many parts of the plant: order management; job admin; prepress etc. Hybrid Software's consultants can advise customers on how to build an integrated workflow that connects and automates many parts of the customer's business processes and allows for the growth that comes with digital.



One ecosystem, many solutions

With the HP One Package Preprint Workflow Suite you have a wide choice of HP and partner solutions for every stage of the digital print workflow. The following solutions and tools are tested and ready for smooth integration.

Creation & Print Preparation / Prepress

Solutions for creating and preparing graphics for highest quality output on the digital press, including preflighting, color management, imposition and nesting, and proofing.

Partner solutions



Hybrid Software provides a unique blend of dedicated prepress tools and automated actions. With its editing- and quality assurance-functions, Hybrid Software's professional PDF editor makes designs print-ready for any printing process. Hybrid Software also makes it easy to create PDF templates for variable data that link objects to external content and generates updated packaging designs.



GMG products and solutions provide color management tools including: proofing, color conversion, spot color management, ink saving and print optimization.

Production Management & Job Submission

Solutions for managing plant-wide production processing and submitting the print-ready file for print production.

HP solutions

HP One Package Preprint Production Module Integrated software that connects the digital preprint press with existing box-plant systems and lower costs while increasing production capacity and flexibility.

Partner solutions



Hybrid Software offers a modular production workflow suite for file processing, asset management, soft proofing, and workflow automation, specifically tailored for packaging graphics.



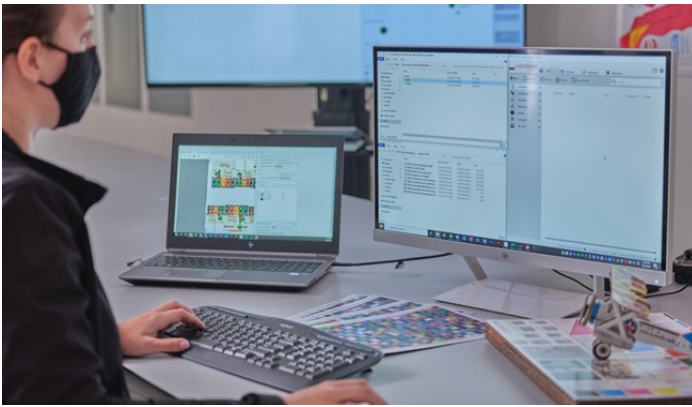
Tilia Labs offers a sophisticated planning and imposition application that uses AI technology to improve efficiencies for print service providers, operating according to machine and production requirements to generate print-ready layouts on-the-fly.



Kiwiplan provides powerful software solutions to streamline order management, automate plant scheduling, increase visibility and maximize production efficiency for corrugated manufacturers worldwide.



WITRON is a leading software supplier for the corrugated industry, offering an integrated application covering sales, planning, manufacturing, inventory management and distribution.



Production & Conversion

Solutions for printing and converting, starting from a print-ready file and ending with a folded/cut box ready to be shipped.

HP solutions

HP Production Elite Print Server for preprint	High-performance print servers – HP Production Elite Print Server, for the HP PageWide T400S and T1100 Series; for demanding preprint production.
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Partner solutions



BST offers a modular product line for the central control of numerous quality assurance functions. BST integrates web monitoring, 100% inspection, spectral measurement, and further functions into a single system. Configure your quality monitoring based on a modular concept.



Erhardt + Leimer specializes in system integration for the corrugated industry, providing maximum processing efficiency from digital preprint.

Additional resources available from your HP PageWide Industrial Account Manager

Technical Whitepaper: HP One Package Workflow Solutions for Preprint Corrugated, 4AA8-0913ENW

To learn more about the complete portfolio of HP One Package solutions for preprint and post-print
hp.com/go/onepackage