

HP PageWide T1100S Press



High-speed, ultra-wide simplex color inkjet web press
for corrugated packaging



Once again, HP raises the digital pre print production bar—this time with the HP PageWide T1100S Press. Streamline production and experience new opportunities for growth. Optimize operations and reduce turn-around times with high-volume production and job versatility enabled by variable data processing capabilities and revolutionary HP Multi-lane Print Architecture (MLPA). Preprint offset-substitutable quality on liners with this 2.8 m (110 in) PageWide Web Press—ideal for short-to-long runs.

Take production to another level entirely with HP Multi-lane Print Architecture and digital printing

- Transform production with HP Multi-lane Print Architecture (MLPA), which enables you to print variable box sizes down and across the web.
- Utilize the full width of your corrugator with a 2.8 m (110 in) PageWide platform.
- Drive high-volume production with print speeds up to 30,600 m² (330 MSF) per hour or 183 m (600 ft) per minute.
- Add embedded security coding, bar codes, or other variable data with variable data processing capabilities.

Produce offset-substitutable quality on a broad range of paper

- See outstanding color print quality—across substrate grades and type (uncoated/coated)—with four-color HP A30 Water-Based CMYK Inks.
- Produce high-quality, high-speed results—HP PageWide Web Press printheads enable a native resolution of 1,200 nozzles per inch.
- Use HP Bonding and Priming Agents to print on a wide range of standard uncoated and coated corrugated liners, from 80 gsm to 350 gsm.
- Count on redundant PageWide Web Press printhead technology for added reliability in demanding high-speed production environments.



Optimize production with cost-effective short-to-long runs

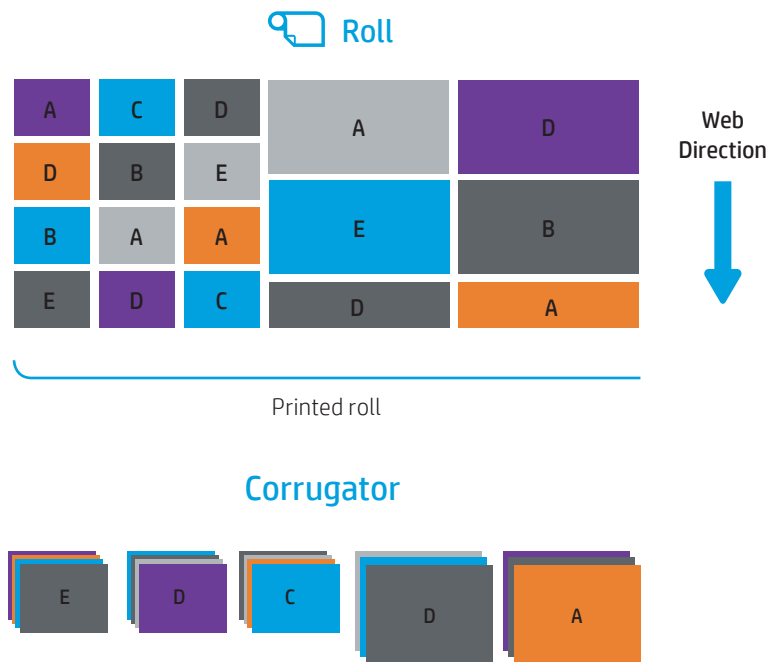
- Produce cost-effective runs of nearly any length—eliminate plates, ink mixing, and make-ready between jobs.
- Cost effective on-demand printing enables just-in-time production and reduces finished goods inventory.
- Reduce substrate costs by printing directly onto thinner, reduced grade or recycled liners.
- Enable value-added capabilities like short runs for marketing campaigns, versioning and variable data.

HP Multi-lane Print Architecture revolutionizes digital corrugate production

While current analog printing technology is limited to printing multiple copies of one box design—all boxes look the same and are the same size, the HP PageWide T1100S Press, with Multi-lane Print Architecture (MLPA), creates an enormous paradigm shift in the production of corrugated board.

HP MLPA splits the web into multiple print lanes, so different jobs, with different box sizes and run lengths, can be printed in the individual lanes. Multiple ultra-short or short runs can be queued and printed together, with no make-ready in between jobs, while a long run is printed in another lane.

HP MLPA, coupled with all the advantages of digital printing, allows cost-effective customization and personalization of corrugated packaging, meeting the demands for shorter print runs without having to create inventory. Print only what is needed, when it is needed.



Reinvent your operations and business

PrintOS is an operating system for your business—an open, secure cloud-based platform that helps you get more out of your HP PageWide Web Presses and your print production operations. Leverage PrintOS applications to increase efficiency, make better-informed decisions, innovate, collaborate, drive growth—and increase profitability.

Eco highlight

- Reduce waste with on-demand inkjet printing.
- HP A30 Water-Based Inks - No hazard warning labels*; no HAPs intentionally added; non-flammable and non-combustible.**
- Very low VOC emissions.***
- Free and convenient printhead recycling.****

To learn more:

hp.com/ecosolutions
hp.com/recycle



HP A30 Water-Based Inks and HP P36 Water-Based Priming Agent have achieved UL Sustainable Product Certification (under UL 2801, referred to as CCD-040, an EcoLogo® standard, in Canada), which demonstrates that they meet a range of stringent criteria related to human health and environmental considerations. You can learn more about this certification at ul.com/environment

- * Hazardous Air Pollutants (HAPs) may be present at extremely low levels (< 0.1%) according to EPA Method 311.
- ** Not classified as flammable or combustible liquids under the USDOT or international transportation regulations. These materials have been tested per US Environmental Protection Agency Method 1020 and the flash point is greater than 110°C.
- *** Actual results may vary depending on operating conditions. Consult local authorities regarding Volatile Organic Compound (VOC) regulations in your area.
- **** Visit hp.com/recycle to see how to participate and for HP Planet Partners program availability.



Deliver food safety for a wide range of packaging applications on coated or uncoated paper.

HP true water-based Inks are 100% free of UV-reactive chemistries. Thus, these inks enable robust and trusted food-safe printing for both primary and secondary corrugated packaging, requiring no additional barriers¹.

High-touch, high-tech solutions customized for your printing success

HP Solutions expertise can help shorten your path to success and sharpen your competitive edge. HP's dedicated Solutions Team will work with you to determine your end-to-end requirements, and to recommend a solution customized to meet the specific demands of your business. Additionally, HP offers a full line of services to help you effectively run your digital printing business—from site preparation to training and service programs.

Enhance your productivity with HP Services

HP Services offers you the broadest portfolio of proven service programs to keep your business running productively. Our professional service teams are committed to meeting your end-to-end needs, driving your business productivity and sustainability for a profitable printing operation. Learn more at hp.com/go/webpressservice

HP's digital leadership—taking your business into the future

Transform your business today. HP's latest PageWide Web Press for the production of corrugated board includes revolutionary HP MLPA technology that radically streamlines production and changes the way you serve your customers. When you partner with HP—a leader in digital printing technology—you gain the support and backing of an industry powerhouse. Plus you create a distinct advantage for your business as you leverage HP's decades-long technology development, 4500 patents in the last 10 years alone, and significant R&D investment to drive continued innovation.

¹ Refers to HP A30 Water-Based Inks (and HP P36 Water-Based Priming Agent and HP A50 Water-Based Bonding Agent). HP Statement of Composition, 3rd party (Intertek) World-Wide Statement of Regulatory Listing and 3rd party (Swiss Quality Testing Services) General Statement of Migration and Organoleptic Assessment based on Representative Use Cases which include E-Flute packaging printed on external side. US terminology 'packaging materials in direct contact with food' analogous to 'primary packaging'. Contact HP for additional information

Technical Specifications

Throughput	Up to 183 m/min (600 ft/min) or 30,600 m ² /hour (330 thousand square feet or MSF/hour) Typical throughput of 160 million square meters/year (1.72 billion MSF/year)
Substrates	Handling: Tight web continuous roll feed Paper width: 1125 mm to 2794 mm (44 to 110 in) Weight: 80 gsm to 350 gsm (16 lb to 72 lb), 16 pt Substrate types: Wide range of standard uncoated and coated liners with recycled and virgin fiber
Printing	Print technology: HP Scalable Thermal InkJet Technology Native resolution: 1200 nozzles per inch Ink type: HP A30 Water-Based Inks, HP P36 Priming Agent and HP A50 Water-Based Bonding agent Ink colors: Cyan, Magenta, Yellow, Black (CMYK) Printable width: up to 2774 mm (109.2 in) Printable frame length maximum: variable up to 2.7m (108 in). Extended frames above 2.7m (108 in) with gapless printing
Dimensions (W x L x H)	10.3 x 29.1 x 5.5 m (406 x 1146 x 215 in) ²
Operating environment	Press operating temperature range: Optimal 15 to 30°C (59 – 86°F) Digital front-end operating temperature range: Refer to HP ProLiant Server QuickSpecs on hp.com/go/ProLiant or consult your HP Solutions professional Humidity: Optimal 40 to 60% RH; maximum 15 to 80% RH (non-condensing) ³
Press operating requirements	Electrical voltage: 400V to 480V, 3 phase
Consumables	Printheads: HP printheads (separate printheads for CMYK colors and Bonding Agent) Ink supply: HP 1000-liter Water-Based Ink containers (separate containers for each color and Bonding Agent) Priming Agent: HP 200-liter containers and 1,000 liter totes Servicing: HP 10-pack Web Wipe Cassette
Optional equipment	Configuration options available to address specific printing requirements <ul style="list-style-type: none"> • Autosplicer and turret rewinder • Pre and post coating solutions • Moisturizer • Web cleaner • Color management
Warranty	12 months limited warranty

² Dimensions for standard configuration with optional unwinder and rewinder

³ Optimal operating environment may vary by application.

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