HP PageWide T700i Press

Achieve operational efficiency for high-volume production with a robust digital web-fed packaging platform for digital single-face lamination, corrugation, and folding carton applications.

Increase capacity and reduce costs for paper-based packaging production

With print speeds up to 305 m (1000 ft) per minute, print with great agility to accelerate turnaround times and lower minimum order quantities requirements that optimize inventories, while focusing analog print capacity on longer runs.

Support a wide range of applications with a web width up to 1.7 m (67 in) and a printable frame-length up to 2.7 m (108 in), increasing your flexibility and optimizing downstream processes.

Produce high-quality graphics across a range of coated, uncoated, brown kraft, and recycled packaging papers with HP Bonding Agent and HP Priming Agent. [3]

With multiple post-coating options, apply overprint varnish to enhance protection, gloss, and the surface properties of your paper.

Gain digital efficiencies that streamline prepress workflows for paper-based packaging to enable last minute changes and help reduce costs by minimizing make-ready, just-in-time printing, and inventory reductions.

Exceptional print quality with reliable HP Thermal Inkjet technology

Achieve consistent six-color offset quality for high-graphics packaging. Deliver sharp text, barcodes, and smooth tone transitions enabled by 1,200 nozzles per inch and 8X nozzle redundancy.

Enhance packaging production and performance with HP's next-generation Thermal Inkjet technology that introduces thermal control features to enable rapid startup and reliable continuous operation.

End-to-end solutions from a trusted partner

Maximize your digital production flexibility by integrating HP One Package software and proven partner solutions into your production workflow.

HP One Package Preprint Production Module connects the press with existing workflow systems. It automates the process of building a multi-job/multi-lane reel. One Package then adds production marks that can be read by converting solutions such as sheeters, laminators, or corrugators. This ensures that digital reels with multiple jobs can be converted efficiently with minimum waste. One Package also connects with inspection systems and reel editing systems to provide automation of their functions and provides feedback to enterprise resource planning (ERP) or logistics systems.

Environmental highlights

Contribute to circular economy goals across a wide range of applications, and experience worry-free production with HP A30 water-based inks that contain no UV-reactive chemistries for safe and comfortable work environment with reduced environmental impact.

HP A30 inks are designed by HP to meet worldwide regulatory requirements and to address a broad range of health and environmental considerations throughout the entire life cycle of a print from production to disposal.

Do not contain Hazardous Air Pollutants (HAPs). [A]

Have very low VOC emissions when compared to typical offset lithography emissions. [B]

Are non-flammable and non-combustible; Require no special handling, storage, or transportation-related conditions. [C]

Pass odor and flavor test requirements for food packaging.

HP PageWide Presses can enable paper lightweighting when compared to traditional analog processes.

We encourage customers to utilize HP's recycling program, which allows free, easy recycling of HP printheads. [D]

To learn more: hp.com/ecosolutions or hp.com/recycle

ECOLOGO
PRODUCT CERTIFIED FOR REDUCED ENVIRONMENTAL IMPACT. VIEW SPECIFIC ATTRIBUTES EVALUATED: UL.COM/EL
UL 2801

HP A30 Water-Based Inks, HP A50 Bonding Agent, and HP P37 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

Fuel your success beyond the press

Drive your business outcomes by leveraging HP's scale and commitment to your success. HP's vertical integration of the whole system ensures quality and reliability since we design, develop, and thoroughly test all system components, including inks, printheads, software, and qualified servers.

When you partner with HP you gain the support and backing of an industry powerhouse. Together, we create a distinct advantage for your business as you leverage HP's decades-long technology development and investment to drive continued innovation.

HP's team will work with you to determine your end-to-end requirements and to recommend optional solutions customized to meet the specific demands of your business.

Additionally, HP offers you the broadest portfolio of proven service programs to keep your business running productively. Our professional service teams and highly experienced HP Business Transformation (BTS) consultants are committed to meeting your end-to-end needs, driving your business productivity and sustainability for a profitable printing operation.

[A] Hazardous Air Pollutants (HAPs) may be present at extremely low levels (< 0.1%) according to EPA Method 311.
[B] Actual results may vary depending on operating conditions. Consult local authorities regarding Volatile Organic Compound (VOC) regulations in your area. Less than 100 grams/liter by EPA method 24.
[C] Not classified as flammable or combustible liquids under the US DOT 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.
[D] Visit hp.com/recycle or contact your HP representative to see how to participate and for program availability.

HP PageWide T700i Press at a glance

Print speed	Maximum print speed of 305 m/min (1000 ft/min)[2]
Papers	Handling: Tight web continuous roll feed Paper width: 0.85 to 1.7m (33.5 to 67 in) Weight: 80 to 250 gsm, (16 to 52 lb) / up to 500 gsm in certain configurations[3] Paper types: Wide range of standard coated, uncoated, brown kraft, paperboard, and recycled papers
Printing	Print technology: HP Thermal Inkjet Technology Native resolution: 1200 nozzles per inch Ink type: Water-based HP pigment inks, Bonding Agent, and Priming Agents Ink colors: Cyan, Magenta, Yellow, Black, Orange, and Violet (CMYKOV) Printable width: up to 1.7 m (67 in) Printable frame length minimum: 0.3 m (12 in) Printable frame length maximum: variable up to 2.7 m (108 in). Extended frames above 2.7 m (108 in) with gapless printing
Dimensions (W x L x H)	Depends on selected configuration, inquire for further information
Operating environment	Optimal production can be achieved in a temperature and humidity-controlled environment. The Ink Delivery System can be in the press room or in a separate temperature-controlled room up to 75 m (246 ft) from the press. The digital front end compute system should be in a temperature and humidity-controlled room up to 200 m (656 ft) from the press or job submission through HP One Package
Press operating requirements	Electrical power: 400 to 480 VAC, 3 phase, PE, 50/60 Hz. Power supply based on configuration. Fresh water, cooling water, and compressed air based on configuration. Supply and exhaust air for drying systems
Consumables	Printheads: HP A35i Printheads (separate printheads for CMYKOV colors) and A53 Printheads for Bonding Agent Ink supply: 1,000-liter containers (CMYK and Bonding Agent) and 200-liter barrels (OV) Priming Agent: HP 200-liter barrels and 1,000-liter containers Servicing: HP 10-pack Web Wipe Cassette
Optional equipment	Configuration options are available to address specific printing requirements. Additional options may be available. Consult HP for further information. ▪ Autosplicer with lap-splice ▪ Autosplicer with butt-splice ▪ Manual unwinder ▪ Pre- and post-coating solutions ▪ 100% inspection system ▪ Web cleaner ▪ Moisturizer ▪ Turret rewinder ▪ Sheeter ▪ Manual rewinder
Warranty	12-month limited warranty

[1] Optional features that may require additional purchase.

[2] Not available in all configurations. The maximum print speed will be affected by the winding, drying, and finishing configurations. Press performance can be influenced by a variety of factors including selected print speed, paper selection, print application, environmental factors, and digital front end configuration. For further details, please ask your HP representative.

[3] Paper choices impact performance of the press. Contact HP for more detailed paper recommendations.

Learn more at hp.com/pagewide-T700i