BLUECREST™

IntelliJet 42® printing system

Non-stop performance

High-speed inkjet printing

Unprecedented throughput.

Over 320 billion

pages have been produced by the HP inkjet technology used in IntelliJet printing system family.

Take your operation to the next level.

Take advantage of an unprecedented combination of format flexibility, productivity and print quality. The BlueCrest IntelliJet 42® printing system produces 100 percent personalized communications, fully optimized for high-speed inserting and mailing. It's designed to help you maximize productivity, minimize costs and make a great impression, every time.

Invest in confidence as the platform is proven, flexible and upgradeable. By streamlining workflow and consolidating resources, the system combines proven HP inkjet technology and BlueCrest IntelliJet® Print Process Manager software to deliver unprecedented throughput.

- Integrate your entire print and mail process.
- Produce full-color communications at top print speed.
- Meet or exceed Service Level Agreements.
- Drive toward zero-defect mail

Mail more without interruption.

Get ready to produce up to 210 million letter-sized impressions per month. Start every job with plain white paper. Print brilliant color at speeds up to 1000 feet-per-minute. Streamlined, continuous operation minimizes the need for operator intervention.

- Automated roll mount and unmount options for continuous non-stop performance
- In-line process controls automate and calibrate image quality
- Output optimization for faster finishing

Deliver exceptional color quality.

Proven HP inkjet technology creates high-impact, high-value communications that attract attention and improve results. Print crisp, colorful, personalized statements, checks, coupons and more in a single stream.

- Outstanding print quality at up to 2400 nozzles per inch native resolution
- Wider color gamut and smoother shading made possible by High Definition Nozzle Architecture
- Superior optical density
- Secure MICR printing

Its durable output stands up to folding and inserting with no loss of quality.

Do it all automatically.

The built-in intelligence helps manage, control and integrate the entire print and mail process.

- Transform and process all common Page Description Languages (PDLs)
- Seamlessly migrate and merge applications
- Add personalized marketing messages to legacy statements
- Integrate secure MICR checks and relevant marketing offers in-line

Lower your total cost of ownership.

Less space, equipment, labor and consumables add up to exceptional efficiency in every way possible.

- Consolidate multiple traditional printing systems.
- Eliminate pre-printed forms inventory.
- Avoid high-cost, pre-treated stocks.
- Adjust ink coverage for each job.
- Merge jobs, presort files and cleanse addresses to maximize postage discounts.

Configure jobs for maximum speed.

The scalable 42-inch web format offers tremendous flexibility:

- Process 4-up 8.5-inch wide applications at up to 8,727 impressions per minute, doubling your productivity.
- Slit output into two 2-up rolls during rewind for seamless mail finishing.

We'll keep you up and running.

Benefit from best-in-class installation and integration.

- Get set up for optimal processing of your jobs and applications.
- Achieve the highest levels of integrity and reporting.
- Ensure end-to-end process alignment.
- Quickly achieve high print quality, performance and productivity.

Maximize productivity and profits.

The IntelliJet 42® printing system combines proven HP inkjet technology and BlueCrest IntelliJet® Print Process Manager software, hardware and support services to streamline and improve your entire print and mail process.

- Output Management and digital solutions software
- Printing systems
- High-speed inserting
- High-speed sorting
- Integrity solutions

Based on the innovative HP PageWide Web Press T400 Series
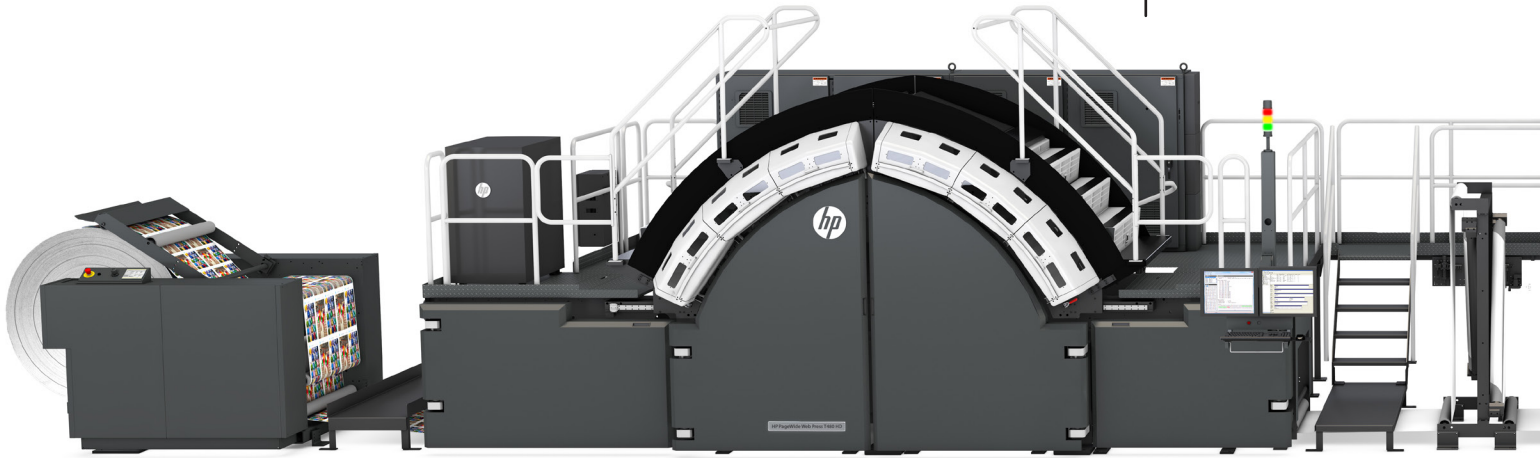
Configure pre/post to maximize printer and mail finishing productivity.

Maximize mail finishing uptime with output that is optimized to run through BlueCrest inserting systems.

In-line process control provides automated image quality and calibration for print consistency and integrity.

Meet customer demands for outstanding print quality with up to 2400 nozzles per inch native resolution High Definition Nozzle Architecture.

In-line, fully integrated MICR (optional)

Automated change over with optional Zero Speed Splicer
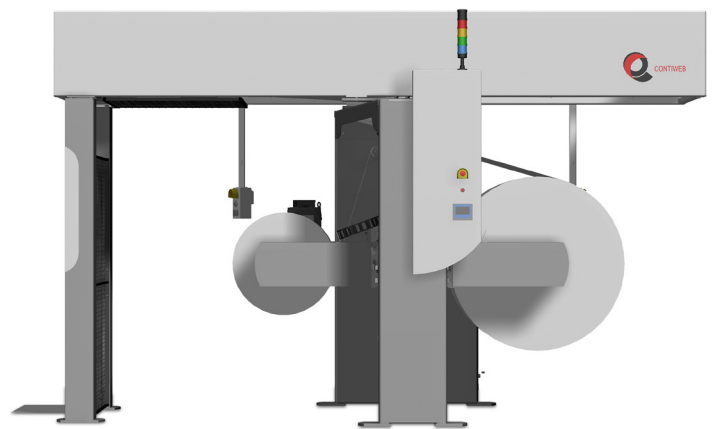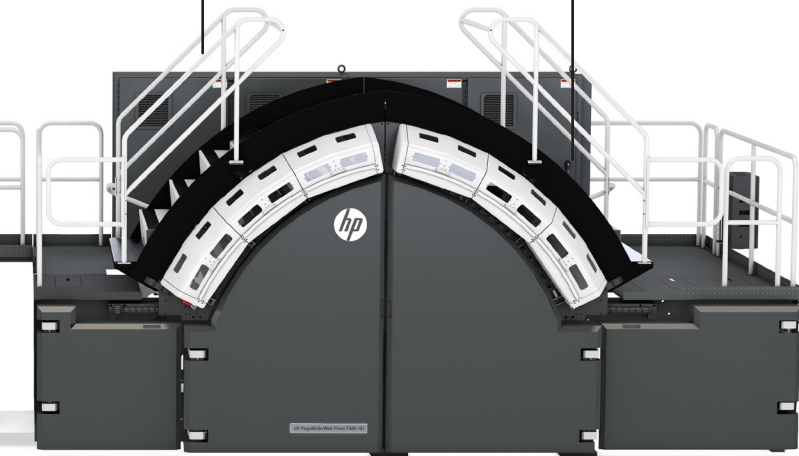
Scalable Printing Technology enables the highest quality thermal inkjet printing at the lowest total cost of ownership

Process 100% variable content at the speed of transactional print with a powerful, scalable IntelliJet Print Process Manager. The IntelliJet Print Process Manager processes a range of PDLs including Metacode, LCDS, AFP, AFPDS, PS, PDF and PCL

Achieve ultimate productivity with up to a 42-inch web width and speeds of up to 1,000 feet per minute.

Move from insight to action faster with Clarity™

Gain transparency across your print and mail operation with intelligent insight to help drive maximum operational performance, efficiencies and cost savings. Adding Clarity to your operation enables predictive and collaborative course correction with greater insight into the interaction between machines, jobs and operators.

- Gain precision in your decisions with 24/7 visibility.
- Understand the root cause of operational issues across system, workcell, operators or workflow.
- Optimize capacity planning to meet SLAs.
- Meet stringent requirements for regulatory and data security.

Where industry-leading support meets successful outcomes

BlueCrest offers world-class support and comprehensive services that optimize your TrueSort sorting system. You can count on BlueCrest Global Services to address your unique operational needs.

- Leverage the proven skills and expertise of our dedicated global team for best-in-class installation, integration and implementation services.
- Achieve optimal performance with industry leading technical and maintenance support.
- Ensure maximum system uptime through real-time insights and predictive analytics that enable our global experts to make informed decisions and quickly resolve performance issues.

High-quality inkjet printing that's highly personalized, productive and profitable

	IntelliJet 42® printing system*	IntelliJet 42® HD printing system*
Throughput	Up to 800 ft/min monochrome or full color	Up to 1000 ft/min in Productivity Mode; 500 ft/min in Quality Mode
Impressions per minute	Up to 6,982 impressions per minute, 4-up format	Up to 8,727 impressions per minute, 4-up format
Resolution	1200 nozzles per inch standard, upgradable to High Definition Nozzle Architecture	2400 nozzles per inch native resolution Quality Mode; 1200 nozzles per inch native resolution Productivity Mode
Media	**Handling:** tight web continuous roll feed **Types:** wide range of standard uncoated offset media and inkjet-optimized coated media **Width:** up to 42 inches **Weight:** 40–200 gms (12-53 lb bond); optional upgrade, 40–350 gms (12-100 lb bond)	**Handling:** tight web continuous roll feed **Types:** wide range of standard uncoated offset media and inkjet-optimized coated media **Width:** up to 42 inches **Weight:** 40–350 gms (12-100 lb bond)
Printing	**Technology:** HP Thermal Inkjet **Ink type:** water-based HP pigment inks and Bonding Agent **Ink colors:** CMYK, optional MICR **Printable width:** up to 41.75 inches **Duty cycle:** up to 175 million letter-size equivalent full-color impressions per month	**Technology:** HP Thermal Inkjet **Ink type:** water-based HP pigment inks and Bonding Agent **Ink colors:** CMYK **Printable width:** up to 41.75 inches **Duty cycle:** up to 210 million letter-size equivalent full-color impressions per month
Input file formats	Metacode, LCDS, AFP, AFPDS, PS, PDF and PCL	
Front end	IntelliJet® Print Process Manager	
Dimensions (H x L x W)	Straight line configuration with optional rewinder and optional additional access walkover: 9 ft-9 in x 68 ft-6 in x 14 ft-6 in	
Operating environment	Temperature range: 59–86° F / Humidity: optimal 40–60% RH; maximum 15–80% RH (non-condensing)	
Power requirements	Electrical voltage: 440 to 480 volts, 3-phase	
Optional accessories	HP QuickVision Quality Image Check, Color Calibration Kit, Inline Priming System, Moisturizer System, Zero Speed Splicer	

*Product specifications contained herein are subject to change.

BLUECREST™

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