



Shipping & Mailing

Printing

IntelliJet 42® printing system

Non-stop performance

High-speed inkjet printing



Unprecedented throughput.

Over 150 billion

pages have been produced by the HP inkjet technology used in the 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 Pitney Bowes IntelliJet 42® printing system produces 100 percent personalised communications, fully optimised for high-speed inserting and mailing. It's designed to help you maximise productivity, minimise costs and make a great impression, every time.

Invest with confidence as the platform is proven, flexible and upgradeable. By streamlining workflow and consolidating resources, the system combines proven HP inkjet technology and Pitney Bowes Production Intelligence® software to deliver unprecedented throughput.

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

Mail more without interruption.

Get ready to produce up to 210 million A4 sized impressions per month. Start every job with plain white paper. Print brilliant colour at speeds up to 305 metres per minute. Streamlined, continuous operation minimises the need for operator intervention.

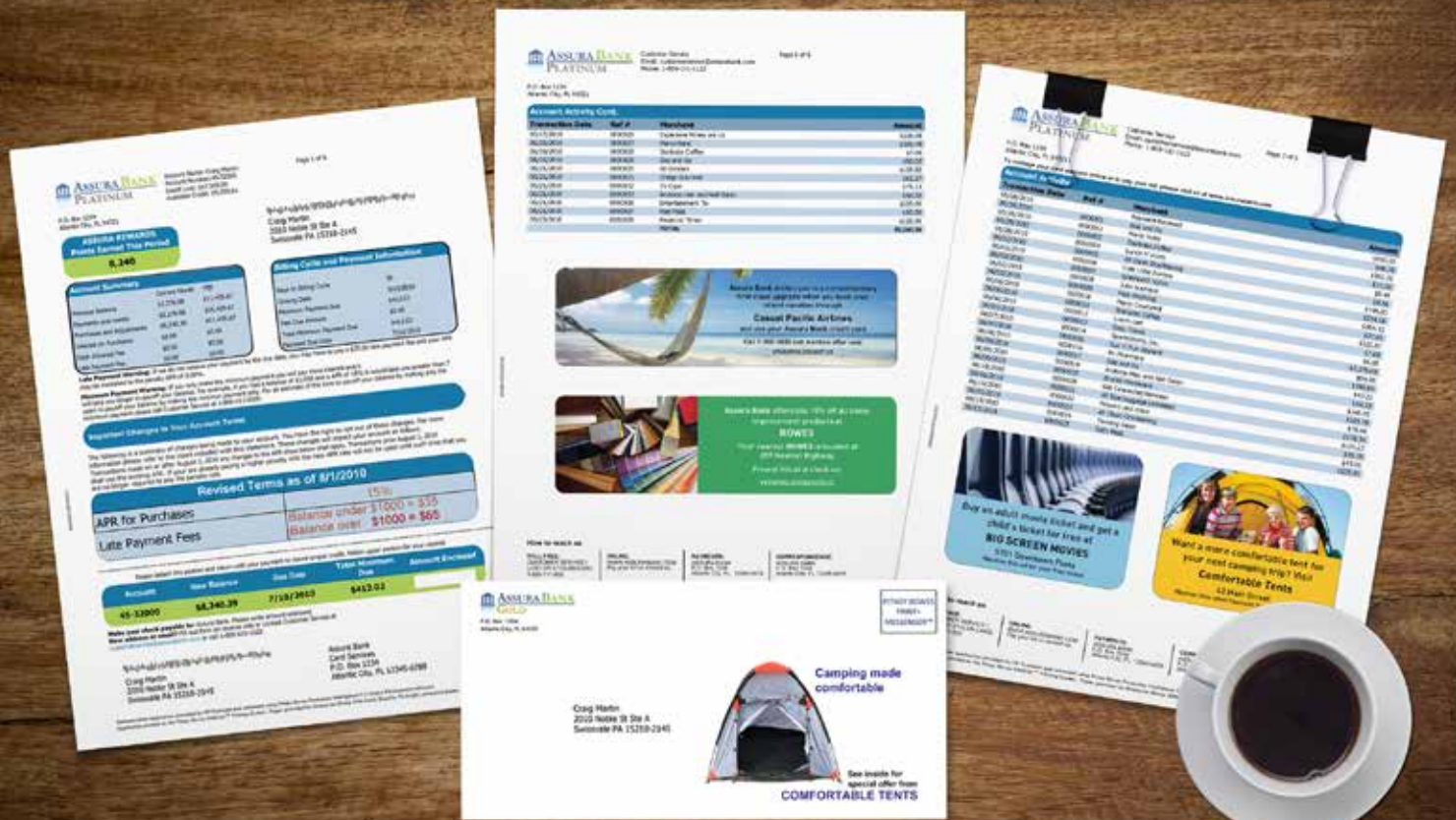
- Automated roll mount and unmount options for continuous non-stop performance
- In-line process controls automate and calibrate image quality
- Output optimisation for faster finishing

Deliver exceptional colour quality.

Proven HP inkjet technology creates high-impact, high-value communications that attract attention and improve results. Print crisp, colourful, personalised statements, cheques, envelope wrappers, coupons and more in a single stream.

- Outstanding print quality at up to 2400 nozzles per inch native resolution
- Wider colour gamut and smoother shading made possible by High Definition Nozzle Architecture (HDNA)
- 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 personalised marketing messages to legacy statements
- Integrate secure MICR cheques and relevant marketing offers in-line

Lower your total cost of ownership.

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

- Consolidate multiple 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 maximise postage discounts

Configure jobs for maximum speed.

The scalable 1067mm web format offers tremendous flexibility:

- Process 4-up A4 wide applications at up to 8,212 A4 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

Maximise productivity and profits.

The IntelliJet 42® printing system combines proven HP inkjet technology and Pitney Bowes Production Intelligence® software, hardware and support services to streamline and improve your entire print and mail process.

- Output management and ADF software
- Printing systems
- High-speed inserting
- High-speed sorting
- Mail tracking

Based on the innovative HP PageWide Web Press T400 Series.



Configure pre/post to maximise printer and mail finishing productivity.

Maximise mail finishing uptime with output that is optimised to run through Pitney Bowes 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 1067mm web width and speeds up to 305 metres per minute



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



	IntelliJet 42® printing system*	IntelliJet 42® HD printing system*
Throughput	Up to 244 metres/min monochrome or full color	Up to 305 metres/min in Productivity Mode; 152 metres/min in Quality Mode
Impressions per minute	Up to 6,570 A4 impressions per minute, 4-up format	Up to 8,212 A4 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 1067mm Weight: 40–200 gsm; optional upgrade, 40–350 gms	Handling: tight web continuous roll feed Types: wide range of standard uncoated offset media and inkjet-optimized coated media optimised Width: up to 1067mm Weight: 40–350 gsm
Printing	Technology: HP Thermal Inkjet Ink type: water-based HP pigment inks and bonding agent Ink colors: CMYK, optional MICR Printable width: up to 1060mm Duty cycle: up to 175 million A4 size equivalent full-colour impressions per month	Technology: HP Thermal Inkjet Ink type: water-based HP pigment inks and bonding agent Ink colors: CMYK Printable width: up to 1060mm Duty cycle: up to 210 million A4 size equivalent full-colour 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: 4.4 x 21.7 x 3.4 m	
Operating environment	Temperature range: 18-24°C / Humidity: optimal 40–60% RH; maximum 15–80% RH (non-condensing)	
Power requirements	Electrical voltage: 440 to 400 volts, 3-phase	
Optional accessories	HP QuickVision Quality Image Check, Colour Calibration Kit, Inline Priming System, moisturiser System, Zero Speed Splicer	

*Product specifications contained herein are subject to change.

United Kingdom

Building 5, Trident Place
Hatfield Business Park
Mosquito Way
Hatfield
Hertfordshire AL10 9UJ
ukenquiries@pb.com

For more information call 08444 992 992
or visit us online: pitneybowes.com/uk

Pitney Bowes, the Corporate logo, IntelliJet and Production Intelligence are trademarks of Pitney Bowes Inc. or a subsidiary. All other trademarks are the property of their respective owners.
© 2012–2016 Pitney Bowes Inc. All rights reserved.