

Ultimate lean print manufacturing

IntelliJet™ 42
Printing System



A brilliant combination of quality, format size and productivity

The revolutionary IntelliJet™ 42 Printing System is uniquely designed to help high volume print manufacturing environments achieve new levels of operational productivity. Industry-leading Pitney Bowes® Production Intelligence® software is built right into the IntelliJet™ 42, allowing you to manage, control and optimize your entire print and mail process. The system's 42" web width and unprecedented throughput combine to deliver the ultimate in document manufacturing productivity, opening the door for smart consolidation of resources.

Backed by a strategic alliance between Pitney Bowes and HP, the IntelliJet™ 42 Printing System leverages proven HP inkjet technology to produce 100% personalised communications that are fully optimised for high-speed inserting and mailing.

The IntelliJet™ 42 Printing System delivers on the promise of lean print manufacturing so you can make a brilliant statement for your bottom line.



Configure pre/post to maximise printer and mail finishing productivity

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

Unmatched productivity

Meet or exceed SLAs with continuous manufacturing

The Pitney Bowes IntelliJet™ 42 Printing System – with built-in Production Intelligence technology – can help you:

- Process 100% variable, full-color communications at the speed of print with the Pitney Bowes® IntelliJet™ Print Process Manager
- Reliably support continuous, consistent production with a powerful, durable printing system:
 - Achieve ultimate document manufacturing productivity with web speeds of up to 600 feet (183 meters) per minute and produce up to 140 million letter-sized impressions per month
 - Realize unprecedented transactional application flexibility with a scalable up to 42" (1,067 mm) web format
 - Deliver maximum throughput with 4-up 8.5" wide applications at up to 5,236 impressions per minute (4-up A4 applications at up to 4,926 impressions per minute)
 - Benefit from streamlined, continuous operation with automated roll mount and unmount options

Continuous, lean manufacturing

Optimise your print and mail environment and achieve significant operational savings

The IntelliJet™ 42 Printing System can help you achieve total process optimisation:

- Streamline workflow with the ability to transform and process all common Page Description Languages (PDLs) and migrate and merge applications seamlessly
- Attain predictable SLA performance, align with regulatory compliance requirements and drive toward zero-defect mail
- Achieve greater process control and faster SLA attainment with a closed-loop mail finishing workflow
- Process two 2-up jobs at once and slit into two 20" rolls during rewind for seamless mail finishing

Maximise mail finishing uptime with output that is optimised to run through Pitney Bowes Mailstream Productivity and Mailstream Evolution™ inserting systems



Scalable Printing Technology enables the highest quality thermal inkjet printing at the lowest total cost of ownership

In-line, fully integrated MICR optional

Lower total cost of ownership – achieved

Reign in costs and accelerate the return on your investment

The IntelliJet™ 42 Printing System provides the ultimate in operational performance to help improve your bottom line:

- Achieve significant savings in labor, space and service contracts by consolidating multiple traditional printing systems
- Eliminate the need for high cost, pre-treated stocks and reduce pre-printed forms inventory by converting to a white paper environment through the use of a unique Bonding Agent
- Optimise postal expenditures and achieve deeper postal discounts with Production Intelligence® and mail hygiene tools – enable co-mingling and householding for print and mail savings



Revenue-generating quality

Reliably produce appealing color at unmatched speeds

Achieve a new level of consistent, four-color or monochrome quality at ultra high volumes so you can:

- Satisfy customer requirements for consistent high quality with proven HP inkjet technology:
 - Benefit from market-leading color and monochrome print quality with outstanding optical density
 - Manufacture durable print output that stands up to the rigors of the mailstream
- Migrate legacy statements to precision marketing communications with 100% variable content, integrating secure MICR checks and relevant marketing messages in-line

Continuous support

World-class service and support right on-site helps ensure productivity

Maximise uptime for continuous manufacturing with Pitney Bowes Customer Service and Technical Support, who can help you:

- Migrate efficiently with comprehensive installation and integration support
- Ensure optimised printer performance with readily available genuine certified parts
- Consistently deliver on SLAs with Pitney Bowes factory-trained technicians
- Efficiently diagnose and troubleshoot potential issues with real-time remote diagnostics

The optimum solution for continuous, streamlined print and mail manufacturing

The IntelliJet™ 42 Printing System* is part of a tightly integrated solution consisting of Pitney Bowes® software, hardware and customer support services. This unprecedented level of integration can transform customer communications and drive brilliant results for your bottom line.



* Based on the innovative HP T400 Color Inkjet Web Production System

Meet customer demands for outstanding print quality

Process 100% variable content at the speed of transactional print with a powerful, scalable IntelliJet Print Process Manager

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" (1,067 mm) web width and speeds of up to 600 feet (183 meters) per minute

Automate roll changeover with optional zero-speed splicer

Pitney Bowes® IntelliJet™ 42 Printing System

Throughput	Up to 600 ft/min (183 m/min) 4-up 8.5" x 11" applications at up to 5,236 impressions per minute; 4-up A4 applications at up to 4,926 impressions per minute
Media	Handling: Tight web continuous roll feed Types: Wide range of standard uncoated offset media and inkjet-optimised coated media Width: Up to 42" (1,067 mm) Weight: 40-200 gsm (12-53 lb bond); optional upgrade: 40-350 gsm (12-100 lb bond)
Printing	Technology: HP Thermal Inkjet Native resolution: 1,200 nozzles per inch Ink type: Water-based HP pigment inks and Bonding Agent Ink colors: CMYK, optional MICR Printable width: Up to 41.75 inches (1,060 mm) Duty cycle: 140 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' 9" x 68' 6" x 14' 6" (2.97 m x 20.48 m x 4.42 m)
Operating environment	Temperature range: 59-86° F (15-30° C) Humidity: Optimal 40-60% RH; maximum 15-80% RH (non-condensing)
Operating requirements	Electrical voltage: 440 to 480 volts, 3-phase

Total process optimisation – only with Pitney Bowes

Pitney Bowes offers an unrivaled solution that streamlines every hardware, software and service component of your print and mail manufacturing process so you can achieve brilliant results for your bottom line.

Pitney Bowes® Production Intelligence® technology

Data and
address
quality

Output
management
and ADF
software

Printing
systems

High-speed
inserting

High-speed
sorting

Mail
tracking

Optimised
results
per shift



Pitney Bowes Limited
Elizabeth Way, Harlow
Essex CM19 5BD
T: 08444 992 992
F: 08702 415 249

www.pitneybowes.co.uk



© 2011 Pitney Bowes Ltd. All rights reserved.
Delivering more than 90 years of innovation, Pitney Bowes provides software, hardware and services that integrate physical and digital communications channels. Long known for making its customers more productive, Pitney Bowes is increasingly helping other companies grow their business through advanced customer communications management. Pitney Bowes is a \$5.4 billion company and employs 30,000 employees worldwide. Pitney Bowes: every connection is a new opportunity™. For more information visit www.pb.com.



Pitney Bowes certifies that the IntelliJet™ 42 complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.