Ultimate lean print manufacturing

Pitney Bowes® IntelliJet™ 42 Printing System

Pitney Bowes

A brilliant combination of quality, format size and productivity.

The revolutionary **Pitney Bowes® 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-inch 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% personalized communications that are fully optimized 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.

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 print productivity with web speeds of up to 800 feet (244 meters) per minute in monochrome and 600 feet (183 meters) per minute full color
  - Realize unprecedented transactional application flexibility with a scalable up to 42-inch (1067 mm) web format
  - Deliver maximum throughput with 4-up 8.5-inch wide applications at up to 6,982 impressions per minute (4-up A4 applications at up to 6,570 impressions per minute)
  - Benefit from streamlined, continuous operation with automated roll mount and unmount options

Continuous, lean manufacturing
Optimize your print and mail environment and achieve significant operational savings

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

- 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-inch rolls during rewind for seamless mail finishing

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

Configure pre/post to maximize printer and mail finishing productivity

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

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

- Optimize 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

Maximize 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 optimized 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

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-inch (1067 mm) web width and speeds of up to 800 feet (244 meters) per minute for

Automate roll changeover with optional zero-speed splicer

Pitney Bowes® IntelliJet™ 42 Printing System

Throughput	Up to 800 ft/min (244 m/min) monochrome or 600 ft/min (183 m/min) full color
	4-up letter applications at up to 6,982 impressions/minute; 4-up A4 applications at up to 6, 750 impressions per minute
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 (1067 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: 1200 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 ft-9 in x 68 ft-6 in x 14 ft-6 in (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 optimization—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

Optimized results per shift

IntelliJet 42

IntelliJet 30

IntelliJet 20

SPEED ▲

FORMAT ▶   2-up   3-up   4-up

Every connection is a new opportunity™

PitneyBowes

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