

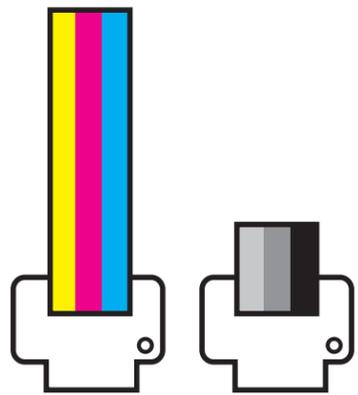
AcceleJet® printing and finishing system

Accelerate your path to color.



A complete approach to production inkjet printing.

Now high-quality color inkjet printing is simple and cost-effective, helping you get all the competitive advantages of moving to 100% variable data color print. The AcceleJet® offers a brilliant, one-up, duplex format with built-in finishing options to fit within your existing cut-sheet workflow. Plus the AcceleJet output is optimized for processing on BlueCrest inserting systems helping you to produce personalized, color communications with precision, for less.



With inkjet, you can print 2–5 times more than with monochrome or color cut-sheet toner systems.

High performance inkjet solution in a smaller package.

The AcceleJet printing and finishing system is designed to help mid-size print and mail operations realize the operational performance and business improvements that come with upgrading to color inkjet. Transform plain white paper into a colorful, continuous flow of personalized customer communications, at a lower cost per piece. It's the ideal solution for transactional or direct mail operations with a monthly print volume of 1–10 million impressions. With the AcceleJet, your organization can:

- Streamline processes and reduce job set-up time starting every job from rolls of white paper.
- Eliminate the need to warehouse pre-printed forms.
- Move from monochrome to 100% variable, full-color output.

Print with confidence.

- Implement changes or make updates to applications faster than with preprinted forms.
- Produce cut-sheet output that is optimized for precision processing on BlueCrest inserting systems.
- Take advantage of BlueCrest integrity solutions to help ensure regulatory compliance.

Do more with color inkjet printing—for less.

The AcceleJet system offers a lower entry point to production inkjet printing. It's designed to deliver high-quality output while keeping your ownership expenses low.

- Get full CMYK color at a cost comparable to monochrome toner systems.
- Lower labor costs with improved operator efficiency and productivity, allowing you to process more print volume in less time.
- Consolidate systems and service expenses.
- Process more types of jobs on a single platform.

Have every printed communication do more for your business.

- Print more engaging, personalized color bills and statements.
- Add opportunities to gain incremental revenue with targeted cross-sell offers.
- Use color to highlight important information.



Process more jobs faster, on a single platform.

Maximize uptime with easy access for routine maintenance plus industry-leading BlueCrest Global Service support.

High-capacity vertical stacker provides greater throughput and allows for continuous operation during unloading. Output options include an offset stacker for increased capacity and stacking capability.



Print options include Adobe® PDF and IPDS formats.

High-quality 1-up duplex print engine uses Piezo inkjet technology for 1200-dpi perceived resolution.

Compact end-to-end system is modular for easy installation.

Innovative roll-fed design provides up to 1.7 hours of continuous run time to produce up to 50,000 impressions per roll.



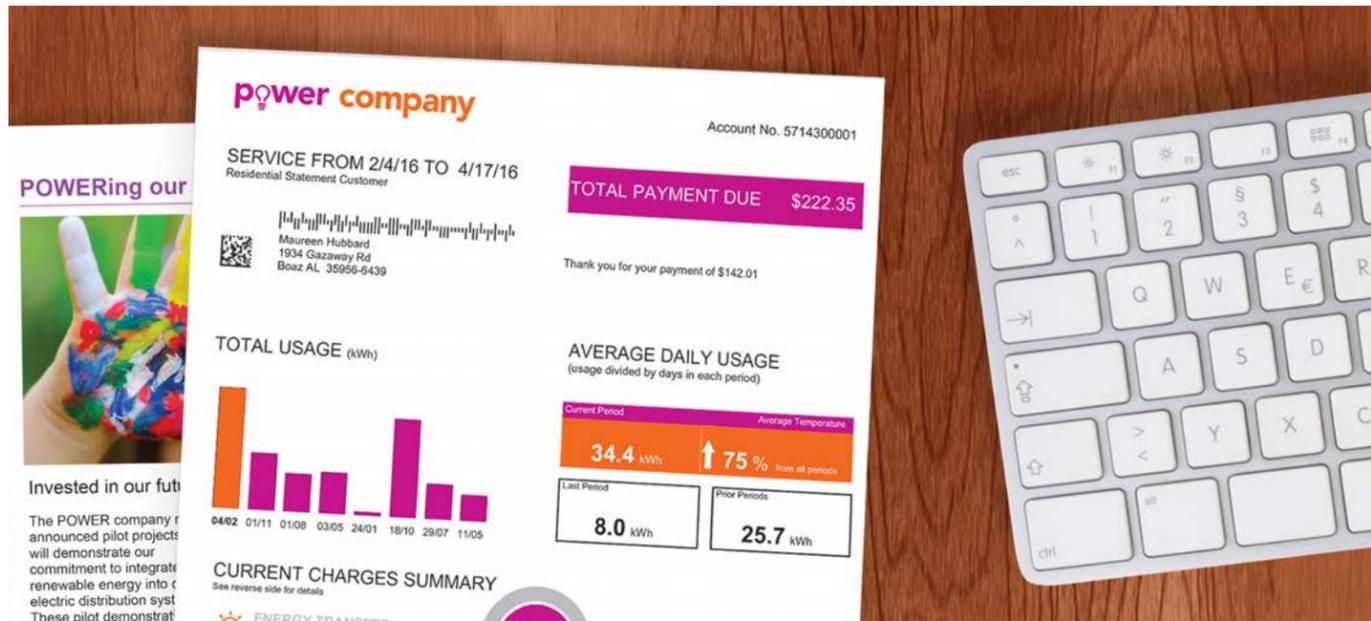
High-productivity Duty Cycle of up to 21 million letter impressions per month in Productivity Mode.

Integrated finishing provides output flexibility including dynamic cross perforation, dynamic linear perforation, cross cut, and edge trim; additional linear perforation and chip out options available.

Achieve speed and quality with variable print modes: Productivity Mode prints at 328 feet per minute for 716 letter-sized impressions per minute; Performance Mode prints up to 246 feet per minute for 536 letter-sized impressions per minute; Quality Mode prints at 164 feet per minute for 358 letter-sized impressions per minute.

Operator-friendly DirectView™ interface leverages the same design as our intuitive inserter systems making it easy to manage jobs, monitor status, and review history.

Space-saving, side-mount unwinder accepts a wide range of paper substrates.



Create mail that's compelling, targeted, and accurate using 100 percent variable data color print. You can add cross-sell offers, full-color graphics, and clear payment details on every statement to grow revenues and customer satisfaction.

Create more impactful color communications.

The AcceleJet variable print modes allow you to vary color quality to meet customers' demands for color.

- Outstanding 1200-dpi perceived print resolution.
- Industry-leading Piezo print head technology with Drop-on-Demand inkjet.
- High-quality pigment inks.
- Automated head cleaning for consistent color quality.
- On-board controls to ensure registration, alignment, and quality.

Process more jobs faster, on a single platform.

A comprehensive printing and finishing solution, the AcceleJet flexible finishing options and variable print modes support a wide-range of applications. Standard inline finishing features a breadth of capabilities including dynamic cross perforation, dynamic linear perforation, automated job separation, and servo-controlled precision cutting.

- Gain flexibility and a competitive advantage with variable print modes.
 - Productivity Mode gives you the speed you need to meet peak requirements
 - Performance Mode delivers an economical balance of quality and throughput
 - Quality Mode provides a wider color range and vibrancy to create more impact.
- Accurate control for greater throughput with precision paper handling and data management.

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.



Maximize your uptime.

The AcceleJet is designed to minimize downtime and provide easy access during routine maintenance. We can address your unique operational needs through our comprehensive BlueCrest Global Services portfolio.

- Quickly achieve critical productivity levels with our installation and integration services.
- Improve your SLA performance via print and mail production process optimization.
- Keep your production environment running at its peak with the right services, technical support and parts strategies.

AcceleJet Specifications

Throughput	
Variable print modes	Productivity Mode: prints at 328 feet per minute (fpm) for 716 letter-sized impressions per minute Performance Mode: prints at 246 feet per minute (fpm) for 536 letter-sized impressions per minute Quality Mode: prints at 164 feet per minute (fpm) for 358 letter-sized impressions per minute
Input media	
Handling	Tight web, continuous roll feed
Types	Wide range of standard offset media, laser media, inkjet treated, and inkjet coated
Width	Up to 9.75", printable
Weight	60 to 150 gsm
Input file formats	
	AcceleJet PDF controller (standard), AcceleJet PDF and IPDS controller (optional)
Printing	
Technology	Drop-on-Demand Piezoelectric (up to 4 levels of grayscale)
Print resolution	600 x 300 x 3 or 4 drop at 328 fpm 600 x 600 x 2 or 3 drop at 246 fpm 600 x 600 x 4 drop at 164 fpm
Perceived visual resolution	1200 dots per inch (dpi)
Ink type	Water-based pigment, CMYK
Duty cycle	Up to 21 million impressions per month in Productivity Mode Up to 15 million impressions per month in Performance Mode Up to 11 million impressions per month in Quality Mode (Letter-sized full-color impressions, 3 shifts per day, 7 days per week)
Finishing	
Sheet size	Print up to 9.75" width x 17" length full-bleed images, sheeted
Dynamic cross perforation	Dynamic cross perforation with minimum perforation to perforation distance of 2" Dynamic linear perforation. Up to 63 available perforation recipes
Single edge trim	Remove up to 0.5" of roll – designed to trim off Top of Form (TOF) mark and dynamic perforation marks
Sheeter	Single blade, rotary cutter maximum sheet length 17", minimum length 8" to shingle conveyor (standard)
Stacking	High-capacity vertical stacker supports up to 5,600 sheets and allows for continuous operation
Options	Additional dynamic linear perforation Full-bleed option includes dual edge trim, chip cutter, and waste evacuation Offset Stacking System supports sheet length up to 19" (483mm) standard, 25" (635mm) optional, and up to 11,250 sheet capacity with continuous unloading
Physical	
Dimensions	31' 10" (L) x 7' 11" (H) x 12' 5" (W) [standard configuration]
Power requirements	480v 3-phase, 63 amps



BLUECREST®

BlueCrest Inc.

37 Executive Drive
Danbury, CT 06810

For more information, call 877-406-7704 or visit us online: bluecrestinc.com