Pulse™ inserting system

Accurately process short-run jobs, and do it cost-effectively.

Improve your transactional mail operations.

Accurately process short-run and manual jobs with the Pulse™ inserting system. This innovation from BlueCrest combines industry-leading capabilities within a compact, multi-format platform that delivers increased operational efficiency, greater flexibility and reduced cost. Its fully automated setup features save valuable time, money and effort. Plus, the easy-to-use design reduces labor and per piece costs. Whether your job is 1 or 10,000 pieces, this solution will meet your business requirements.

Profitability is built in.

The Pulse inserting system increases efficiency and optimizes yout short run processing. It reduces job setup time with easy job programming and recall for an unlimited number of jobs. The simple graphical user interface provides intuitive navigation, which maximizes workcell productivity.

Unparalleled flexibility creates outstanding results.

The Pulse inserting enables you to process more jobs on a single multi-format system. That includes letters and side-seam or pocket/end flap flats. For many operations, the Pulse inserting system's ability to automate manual workcells is a game-changer with its wide application abilities.

- Best in class filling thickness
- Achieve fast changeovers with automated set-up

Accuracy no matter how big or small the jobs are.

With the Pulse inserting system, you can reliably produce accurate results required for processing high value transactional mail of any job size. It's precise, automated setup helps reduce errors.

- Leverage consistent mailpiece ADF tracking and reporting processes across all jobs.
- Reduce costly reconciliation requirements with integrity tracking and proof of mail features.
- Accurately assemble mailpiece contents ensuring reliable mail security.

With the Pulse, you can:

- Process reprints and manual work on a cost effective platform versus high volume, costly production systems.
- Reduce labor requirements and per piece costs by automating manual workcells.
- Eliminate additional processing steps with integrated metering, integrity scanning, envelope printing and outsorting.

"My manual processing area has the **highest cost** per piece due to how many people we need, it is so **labor intensive**, it's difficult to staff for peak periods also."

-Large Service Bureau in the U.S.

Where industry-leading support meets successful outcomes

BlueCrest offers world-class support and comprehensive services that optimize your Pulse inserting 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.

Direct Connect Control
- ADF Integration
- Optional file based control

Feeders
- 6 feeders and 1 booklet feeders
- Optional high capacity feeders
- Feed single sheets to booklets
- Automated setup

Insertion module
- Automated settings
- Letter to flats - #10 to 13"x13"
- 1/2" filling thickness
- Programmable sealing

Controler
- Simple and intuitive
- Easy job programming
- Extensive diagnostics

Output
- Streamline post insertion processing
- Metering
- Envelope printing
- Integrity scanning

Input channel
- High capacity sheet feeder
- Process variable page jobs
- Automated fold setup

Sub-set accumulator
- Accumulates subsets and flats up to 90 pages
- Accurate, precise accumulation
- Automated setup

Output conveyor
- Optional 70" shingling conveyor

Specifications	Minimum	Maximum
Inserter		
Speed	N/A	Up to 30K sheets per hour/ 4,000 cycles per hour
Envelope size	4" x 8 7/ 8 "	13 7⁄8" x 13 7⁄8"
Document (H x W)	3 1⁄2" x 6"	11 13⁄16" x 12 3⁄8"
Insert thickness	20 lb single-ply	0.5"
Tower feeders		
Feeders		6 standard feeders
Stack height	1.1" (Standard bin)	2.75" (High capacity bin)
Sheet size (H x W)	3 5⁄8" x 8 ¼"	11.80" x 12.40"
Paper weight	Flat 40lb, pre-folded 20lb	Flat 125lb, pre-folded 32lb
Booklet feeder	20 lb. single-ply	0.31"
Accumulator folder		
Sheet size	7" x 7"	14" x 12"
Fold capacity	N/A	C, Z fold: 7 pages, Half fold: 10 pages and No fold

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MAIL, PARCEL & OFFICE

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