

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 automated setup features save valuable time, money and effort. Plus, the easy-to-use design reduces labour 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 optimises your 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, time-saving troubleshooting and extensive diagnostics, which maximises workcell productivity. It grows as you do enabling more value-add services with a scalable, modular platform.

## Unparalleled flexibility creates outstanding results.

The Pulse inserting system features a remarkably flexible platform that's uniquely capable of processing a wide range of jobs regardless of format or size. It 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
- Automated setup features allows fast job changeover
- Process jobs "as-is" with highly flexible scanning capabilities

## Add accuracy no matter how big or small the job may be.

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. What's more, the flexible scanning options save you time and effort.

## With the Pulse, you can:

- Process reprints and manual work on a cost effective platform versus high volume, costly production systems.
- Reduce costly reconciliation requirements with integrity tracking and proof of mail features.
- Reduce labour requirements and per piece costs by automating manual workcells.
- Accurately assemble mailpiece contents ensuring reliable mail security.
- Produce high integrity results for variable page jobs with a proven control system.
- Leverage consistent mailpiece ADF tracking and reporting processes across all jobs.
- Eliminate additional processing steps with integrated metering, integrity scanning, envelope printing and outsourcing.
- Integrates with DFWorks® Postage Accounting and Funds 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.
- Optimise capacity planning to meet SLAs.
- Meet stringent requirements for regulatory and data security.



## Where industry-leading support meets successful outcomes

BlueCrest offers world-class support and comprehensive services that optimise 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

**Controller**

- Simple and intuitive
- Easy job programming
- Extensive diagnostics

**Insertion module**

- Automated settings
- Letter to flats - DL to B4
- 12 mm filling thickness
- Programmable sealing

**Output**

- Streamline post insertion processing
- Metering
- Envelope printing
- Integrity scanning
- High capacity conveyor

**Input channel**

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

**Sub-set accumulator**

- Accumulates subsets and A4 documents up to 90 pages
- Accurate, precise accumulation
- Automated setup

**Output conveyor**

- Optional 180 cm shingling conveyor
- Optional integrity scanning



Specifications	Minimum	Maximum
<b> inserter</b>		
Speed	N/A	Up to 30K sheets per hour/ 4,000 cycles per hour
Envelope size	105 mm x 225 mm	353 mm x 353 mm
Document (H x W)	89 mm x 150 mm	300 mm x 314 mm
Insert thickness	75 gsm single-ply	12 mm
<b> Tower feeders</b>		
Feeders		6 standard feeders
Stack height	28 mm (Standard bin)	70 mm (High capacity bin)
Sheet size (H x W)	92 mm x 209 mm	300 x 315 mm
Paper weight	Flat 60 gsm, pre-folded 75 gsm	Flat 200 gsm, pre-folded 412,5 g/m <sup>2</sup>
Booklet feeder	75 gsm single-ply	0.79 cm
<b> Accumulator folder</b>		
Sheet size	178 mm x 178 mm	355 mm x 305 mm
Fold capacity	N/A	C, Z fold: 7 pages, Half fold: 10 pages and No fold



**BLUECREST™**

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