PERSOMAIL at a Glance

Versatile, compact and cost efficient – that's the PERSOMAIL, the solution for automated card mailing in the middle performance segment. It combines the greatest versatility of application and absolute processing security for various mailing applications or can be used as a backup for existing high-performance systems. The system is particularly convincing when it comes to flexibility. Furthermore it offers reliable processing and easy operation. The modular system concept enables individual tailoring for a broad spectrum of customer applications.

PERSOMAIL Inserting Options

Different system configurations are offered which can be employed depending on the customer's requirements. The individual modules for folding, enclosure feeding and inserting can be configured individually in order to meet the demands of the customer. The folding unit can execute all conventional types of folds. The fold type can be changed automatically when switching from job to job, without the need for mechanical interventions.

A flexibly configurable number of feeders enable the selective feeding of a variety of enclosures. In cascade operation, operator interventions for reloading the enclosures are minimized, as the material can be taken from the next tray when the first one is empty.

The PERSOMAIL guarantees the greatest possible integrity of the documents and cards which are processed into ready-to-send mail pieces.

Your Competitive Edge

- Variable processing speeds up to 3000 cards/h
- Selective card feeder for more feeding option
- Online carrier printing guarantees unique layouts
- Improved buffer for cards and carrier
- Easy to use by uniform modern graphical user interface based on latest ergonomic knowledge
- Full data integrity
- Integration of high speed verification system VERICAM E
- Various contact and contactless card reading possibilities (Magnetic stripe, 1D-2D bar codes, OCR)
- Different folding options (V, C, Z)
- Up to six additional inserts for booklet mailings
- Selective enclosure feeding increases versatility of applications
- Plug & Play unit replacement for easy and quick service and maintenance operation
- High level of investment protection by modular machine concept for customization and adaption for additional requirements for new business opportunities
- Inline combination with personalization solutions
- Smart Software monitors and controls the current processing status of cards, their corresponding documents and compiles automatically comprehensive reports and statistics. The print preparation software is open to all database formats.

ATLANTIC ZEISER

CREATING IDENTITY

PERSOMAIL
Card Mailing
End-to-End System Solution

ATLANTIC ZEISER

Midrange Segment
Quick Set-up Times – High Processing Security
Cost Efficient – Versatile

Technical Specifications	
System facts	
Throughput	Up to 3000 cards/hour
Card Feeding	
Card Format	ISO 7810 ID-1, Visa Mini MC²
Magazine Capacity	Up to 500 flat cards; embossed: less
Card/Carrier Reading	
Chip	Contact/contactless
Magnetic Stripe	HiCo/LoCo
Bar Code	1D/2D
Text	Plain text
OCR	OCR A/B
Paper Feeding	
Paper Format	DIN A4, A5, B5 and US letter
Form Draw-off	Form printer paper trays (selective)
Card Attaching	
Method	Double-sided self-adhesive labels
Amount of Cards	Up to 4 per carrier (selective)
Card Positions	Difinable
Paper Processing	
Folding	Z-fold, wrap-fold, half-fold
Assembling after Folding	Up to 4 pages
Enclosure Feeding	
Thickness	Up to 4 mm
Number of Enclosure Feeders	Up to 6
Enclosures per Mailpiece	Up to 6 (selective)
Inserting	
Envelope Size	DIN C6/5
Filling Thickness	Up to 6 mm
Software	
Operating System	Windows
Machine Control System	AZ BLS
Printer Interface	PCL 5/PCL 6
Quality Control	
Card Attachment	Ultrasonic sensor for presence check of double-sided self-adhesive label between card and carrier
Card and Carrier Inserting	Weighing of finished envelope
	Reading of inserted carrier through envelope window

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Flexibility for Higher Efficiency in the Production Process

Increase the efficiency of your processes and save time by increasing job sizes. In order to put this into practice, they offer a variety of extremely versatile possibilities. Both the cards and the documents are read and matched with the hosted database file before inserting. The carrier will be printed and the card will be labelled and attached before feeding into the envelope.

Selective Number of Cards
Up to four cards can be drawn off and attached to each document.
The number of cards can vary from mailpiece to mailpiece within a single job.

Selective Draw-off of Pre-printed Forms
If a printer with multiple paper trays is used, these can be filled with different pre-printed forms. Thus the corresponding forms which belong with the document in question can be drawn off selectively.

Individual Contents and Layouts
Both standardized elements as well as customized ones for each specific recipient can be printed on each individual document. The text blocks can be positioned so that they fit to the layout of the pre-printed form and the position of the card. For the layout of the document two alternative software options are available: Micorsoft Word and Printsoft PReS.
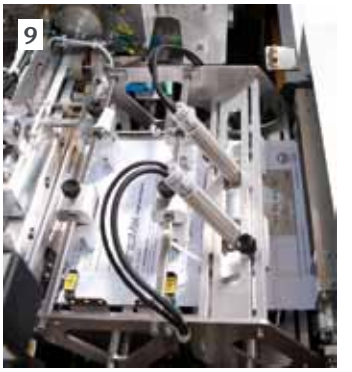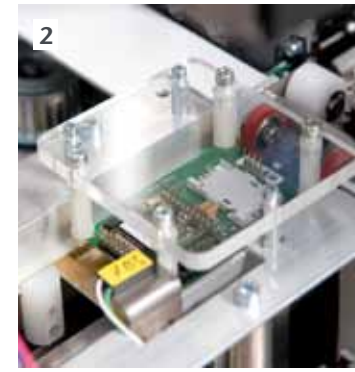
Variable Number of Pages per Mailing
If desired, multiple pages can be assembled after folding.

Selective Enclosure Feeding
Enclosures may be added selectively to each mailing.

Highest Possible Integrity
Both the cards and the documents are read and matched before inserting. The dependable error handling diverts incorrect cards and documents and, if necessary, stops the system in the event of incomplete mailings. This ensures that each customer receives the right card(s) on the right document. Additionally there are features included ensuring a high level of quality. After closing the envelope the address will be read once more and the particular mail will be weighed. This information in combination with the process control of the card attachment guarantees the highest level of integrity.

1. Card Feeding
- 1-4 feeders with up to 500 flat cards per magazine
- Flat and embossed cards
- ISO 7810 ID-1 and Visa Mini and MC²
- Electronic controlled selective feeding according to job configuration
- Online feeding from personalization system

2. Card Reading
- LoCo and HiCo magnetic stripe reader for all 3 tracks in parallel without changing of reading heads
- Chip reading by contact for T0, T1 and other common protocols
- Contactless chip reading according ISO 14443 A/B, Mifare. Other interfaces on request
- Support of common reading techniques for bar codes in 1D+2D and optical character recognition

3. Carrier Print Preparation
- New Microsoft Word based carrier printing
- Support of Printsoft PReS designed carrier layouts
- Flexible use of fixed text elements and individual personalized data and graphics for every document
- Barcode engine

4. Card Channel
- Label application with wide range of supported materials (white, transparent, black marking, segmented, endless)
- Buffer unit to obtain the machine throughput
- Sorting function to correct small disorders for family card mailing applications
- Card reject for non processable cards

5. Carrier Feeding
- Printer black-and-white or color
- Supported paper formats: A4 and US letter as well as A5 and B5
- Selective draw off of carriers
- Cut sheet support for simple applications with preprinted carriers

6. Carrier Reading
- Carrier detection after printing for correct matching with the cards to be attached
- Support of common reading techniques for bar codes in 1&2D and optical character recognition
- Optical reading of logos for carrier artwork detection

7. Carrier Channel
- Card affixing with double-sided adhesive labels
- 1-4 cards per carrier
- Carrier reject
- Supply of a cover label for coverage of personal data

8. Inserter
- All conventional types of folds are supported: Z-, C- and V-fold
- Variable number of pages per mailing
- Selective enclosure feeding

9. Quality Process Control
- Logical control of match of card(s) to carrier
- Ultrasonic sensor for checking the presence of attached cards
- Double sheet detection
- Reading of the address field of the inserted carrier through the envelope window
- Weighing of finished envelope after leaving the inserting machine

10. Machine Control and Production
- Modern graphical user interface using uniform AZ software platform for a homogenous appearance for all AZ products
- Control and production software based on Microsoft Windows 7 operating system
- Easy job configuration
- Reporting functionality