

VERSAMAIL™

Integrated End-to-End Card Fulfillment Solution



- Integrity → Quality → Speed
- Short Set-up Time → High Precision → Cost-efficient



VERSAMAIL™

High Performance Card Mailing and Packaging Solution

VERSAMAIL™ is a modular and cost efficient fulfillment system for a wide variety of applications ranging from simple dumb attaching up to complex attach & match or attach & personalize jobs required for Financial Prepaid Card packaging or envelope-less Loyalty Card mailing at unmatched productivity. VERSAMAIL™ supports a maximum machine speed of up to 28 000 products per hour. Altogether VERSAMAIL™ customers will benefit from a low cost of ownership through short setup times, simple operation and a short learning curve.

VERSAMAIL™ – The perfect addition to your card personalization environment for card packaging and mailing. Configured to the needs of product designers and fulfillment houses.

Your Competitive Edge

- Full integrity based on the advanced matching mechanism
- Fast and cost effective
- Reducing total cost of ownership
- Envelope-less mailing
- One stop solution in combination with Atlantic Zeiser CARDLINE® VERSA
- Superior quality – highest attaching precision using product alignment and pick & place feeder
- Less downtime when changing over between portrait and landscape for card attaching (pivotable pick & place feeder)
- Secure magstripe reading in feeder
- Various folding options
- Multiple cards per carrier
- Online addressing and printing

Typical Types of Jobs

Attach & Match

- Attach fully personalized cards to a personalized carrier
- Match a unique data element on the card with a unique data element on the carrier

Attach & Personalize

- Read a unique data element from the fully personalized card
- Attach the card to a non-personalized carrier
- Personalize the carrier with data from a data file based on the data read from the card



1. Carrier Feeder

- Various high performance friction feeders for processing carriers up to a width of 420 mm
- Feeding at full speed of up to 28 000 products/h
- Stacking magazine with level control or optional horizontal infeed conveyor
- Moveable feeder for an increased flexibility and simple setup

2. Alignment Conveyor

- Perfect lateral alignment of carriers ensures precise non-skewed card attachment

3. Scoring Unit

- Pre-scoring of single sheet carriers for reliable downstream folding operation



4. Pre-Read/Matching Camera VERICAM™

- For synchronization of pre-printed carrier and card data using a subsequent matching or personalization process
- Reading of text, numbers and a wide range of 1D and 2D bar codes
- Advanced drag&drop based graphical user interface (GUI)

5. Hot-melt Gluer

- Hot-melt gluing station with up to 4 hoses
- Spot gluing/line gluing

6. Pattern Gluer

- Ensures closing of all edges of a package



7. Card and Leaflet Feeder

Card Read & Feed Station

- High precision Pick&Place card feeder with an embedded magstripe reader
- Integrated reject gate to divert miss-read cards allows continuing production
- Magstripe pre-read cards are buffered for subsequent pick/place attaching
- Pivotal design for fast change-over between portrait and landscape attaching
- Up to 15000 cards/h

Pick&Place Feeder

- High precision card feeding and attaching
- Up to 15000 products/h

Friction Feeder

- High performance friction feeder for card or leaflet feeding
- Up to 28000 products/h

8. Plough Folder

- V-folding
- C-folding
- Z-folding
- Altar-folding

9. Turning

- Active turning of products by 90°
- Reliable operation, no bump turn
- Alignment section for perfect re-alignment of the product after turning

10. Flipping

- Upside/down flipping of product

11. Magnetic Encoding

- High precision magnetic encoding of folded carriers (e.g. INCOMM Prepaid Card Packages)
- Bottom up and top down encoding
- Three-track HiCo and LoCo encoding utilizes the same ceramic write and read heads
- Digital signal processor based encoding for highest flexibility

12. High Quality DoD Printer

- Innovative Atlantic Zeiser OMEGA™ inkjet printer technology
- Deep black high-resolution 360 dpi printing of text, bar codes and logos
- Printing width of 36, 72 or 210 mm (1.42, 2.84 or 8.26 inches)
- Atlantic Zeiser inks for high contrast and graphical resolution

13. SMARTCURE™ UV LED

Curing

- Ultra-fast UV curing
- Increased lifetime
- Eco-friendly/energy-saving

14. VERICAM™ Print Control

Camera

- Verification of printed data 100% OCR verification
- Allows reading of text, numbers and a wide range of 1D and 2D bar codes
- Simple setup through advanced drag&drop based graphical user interface (GUI)

15. Reject Gate

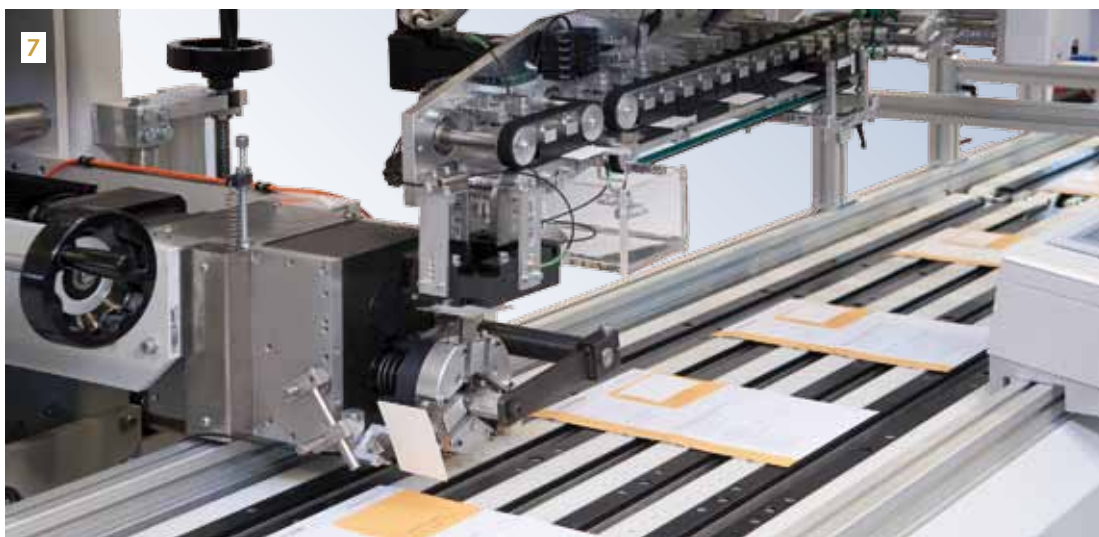
- Diverting products that have failed any quality check

16. Shingle Discharge Conveyor

- Horizontal shingle conveyor belt for manual handling of good products
- Batch separator allowing adjustable batch sizes

17. BLS Controller Platform Machine Control and Production Software

- Supreme Atlantic Zeiser real-time platform BLS production software
- Attach&Match and Attach&Personalize software
- Camera inspection software
- Printer layout software



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Technical Specifications	
Carrier	Length: from 90 – 330 mm Width: from 110 up to 420 mm Grammatore: 100 g/sqm – 300 g/sqm (if folding or scoring is required) 100 g/sqm – 3 mm thickness (no folding, no scoring) Material: Paper, surface allowing DoD inkjet printing
Cards	CR 80, if odd shaped not larger than CR 80 Thickness: 0.25 – 1.02 mm Materials: PVC, Styrene, PLA, PHA, Paper, ABS etc.
T/Cs	Same size or slightly smaller than the card, either saddle stitched or folded with a main fold, one completely closed side (no Z-fold) 0.3 – 3 mm Material: Paper
Machine Dimensions	Depending on configuration
Power Supply	400 V ±10%, 3 phases + N + PE, 50/60 Hz
Compressed Air Supply	8 bar Air Quality: According to DIN/ISO 8573-1 Particles: Class 1 (< 0.1 µm / < 0.1 mg/m³) Oil: Class 2 (< 0.1 mg/m³) Water: Class 4 (dew point < 3 °C)
Location	Max. 2000 m above sea level
Environmental Conditions	Working Temperature: 10 – 30 °C Relative Humidity: 20 – 80% at 25 °C not condensing
Transport Speed	80 m/min if no DoD printing is required 60 m/min if DoD printing is required
Max. Capacity	28000 pc/h with carrier length 110 mm Nominal capacity grading according to product size: 110 mm and below 28000/h Up to 120 mm 26000/h Up to 130 mm 24000/h Up to 140 mm 22000/h Up to 150 mm 21000/h Up to 160 mm 20000/h Up to 170 mm 18000/h Up to 180 mm 17000/h Up to 200 mm 16000/h Up to 210 mm 15000/h In the case of DoD printing, the above mentioned capacity values are reduced by 25 %
Max. Capacity Using Optional Pick & Place Feeder for Card Attaching	15000/h