

SERIALIZATION and/or LATE STAGE CUSTOMIZATION Individual printing on flat folding cartons in-line with serialization

- Reduction of carton SKUs
- Less inventory of finished products
- Decreased bound capital
- Serialization without changes to packaging lines

Based on Drop-on-Demand
UV inkjet printing technology –
monochrome or color



digiline Versa

digiline Versa

Efficient Late Stage Printing and/or Reliable Serialization of Flat Cartons

Do you pack a manageable number of pharmaceutical products, but because of different specifications such as managing all country specific styles and dosages, you have to deal with an almost countless number of SKUs? Is the bound capital of raw material and finished products in stock excessive and the effort for managing all styles becoming prohibitive? Would you like to simplify and streamline logistics by reducing the number of SKUs but serialization adds another bit of complexity to manage?

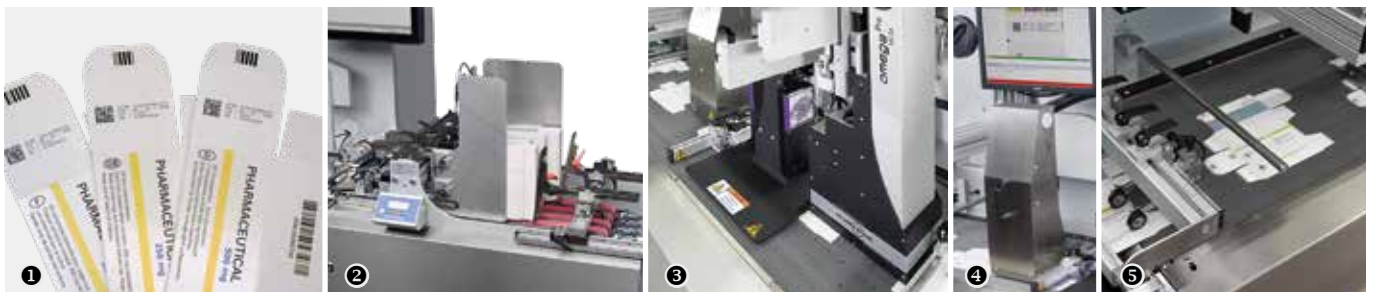
DIGILINE Versa is the answer for these questions. The complete system offers a number of outstanding features that enable economical and efficient late stage customization and serialization in one single pass:

- Single pass late stage customization and/or serialization
- Economic production of small batches and even patient individual printing
- Country specific printing of ingredients, dosages, logos, symbols and text
- User-friendly touch screens and ergonomic operating terminal
- Easy creation of design, printing and verification position, and integration into production process (drag & drop)
- Quick changeover of the print layout be it regulatory or commercial
- Cost efficient serialization system with the highest process safety
- Encoding of all existing and emerging serialization styles for human medicine including Chinese QR-Code for veterinary medicine
- Integrated Unique Code Software (UCS) secures the serialization process, potential sources for errors at the machine do not lead to duplicated numbers
- Management of a nearly unlimited quantity of number ranges and reliable prevention of duplicates
- Consistent serialization results even with intended or unintended interruptions of production runs retain originally planned number sequence
- Integrated reporting tool allows export of production results in different formats



DIGILINE Versa with integrated Unique Code Software (UCS) database is the right solution if you are facing the following challenges:

- Frequent and small quantities at short notice of country or content specific folding cartons are required
- The need to serialize cartons for many different countries
- Providing a large number of different finished products at short notice packed in individually styled folding cartons using the smallest possible amount of blank carton SKUs
- Regulations require serialization but you want to avoid cost and project expense for serialization equipment integration into all of your packaging lines
- A way to reduce investment costs by doing it on one serialization system that can supply cartons to several packaging lines would be the most efficient overall solution
- High process safety is required (i.e. no duplicates, no intermix errors, etc.)



① All internationally known serialization styles including the Chinese veterinary QR-code can be produced in a process safe way in combination with the Unique Code Software. ② Compact and user-friendly feeding unit. ③ The OMEGA Pro MC 54 inkjet with 600 dpi resolution guarantees a consistently high print quality thanks to UV curable inks that are resistant to water and solvents. 4-color inkjets can be equipped alternatively. ④ The integrated inspection camera verifies the printed serialization code and text for conformity against specification and offers a reliable code grading. Products failing verification are securely ejected. The good/bad decision is transmitted immediately to the integrated Unique Code Software. ⑤ The high-precision vacuum transport perfectly supports excellent print quality and the highest possible code grading and readability.

Technical Specifications	DIGILINE Versa
Linear Production Speed	Up to 60 m/min 197 fpm (depending on inkjet equipment)
Format (w x l)	Length in running direction: 100 mm to 400 mm 3.9 x 15.6 inches Width of running direction: 40 mm to 300 mm 1.6 x 11.8 inches
Available Print Widths	Monochrome: from 36 mm to 210 mm 1.4 to 8.3 inches Color: from 54 to 108 mm 2.1 to 4.2 inches
Print Resolution	360 x 360, 600 x 600 or 720 x 720 dpi (depending on inkjet equipment)
Product Thickness	0.3 to 3.0 mm 0.01 to 0.2 inch (suitable for reject gate)
Carton Weight	From 100 to 450 g/m ²
Operating Noise	< 72 dB (A)
Power Supply	400 VAC ±5 % / 50 or 60 Hz / 3 phases + N + PE
Compressed Air Supply	5 l/min at 6 bar up to 150 l/min at 6 bar if feeder needs vibrators for product separation
Features	Feeder with alignment, vacuum transport, inkjet, camera, ejection, shingle delivery, Unique Code Software database application, process safe production software
Optional	Intermix camera, label unit, monochrome or color printer with different print width, matrix or line scan camera, qualification documents
Dimensions (l x w)	From 3500 mm x 2520 mm 138 x 99 inches to 5900 mm x 2520 mm 232 x 99 inches (depends on equipped device)

DIGILINE Versa complements our portfolio of packaging print systems and track & trace solutions for the pharmaceutical industry and its service providers. Innovative products by Atlantic Zeiser ensure more safety, efficiency and reliability in many application areas.

- **DIGILINE Blister:** high-quality, variable digital printing on blister lid foil for small and medium-size batches
- **DIGILINE Label:** high-speed label printer for late stage coding and serialization of flat labels in highest quality and durability
- **DIGILINE Single:** stand-alone high-performance system for the serialization of flat cartons
- **DIGILINE Compact:** entry-level personalization and coding solution for short-run printing on flat cartons and cardboard blanks
- **MEDILINE T&T:** modular inline coding module for erected and filled cartons with integrated interface to MEDTRACKER
- **MEDILINE CodeCollect^M:** manual aggregation unit with ergonomic operation and central serialization solution
- **MEDTRACKER:** database-supported serialization solution of pharmaceutical products; scalable for individual systems and lines up to entire sites and manufacturers

Atlantic Zeiser leverages its combined competencies to meet your requirements

- Management software solutions
- Inkjet printing systems
- Individualization systems
- Ink

Atlantic Zeiser's excellent service and support

- Efficient preventive and corrective maintenance
- Fast emergency and extended service support
- Installation and start-up support
- Remote service support and hotline
- Customized and individual after-sales service concepts
- Tailor-made service contracts
- Professional training and workshops
- Worldwide service network with local service teams incl. part and supply service
- Consulting