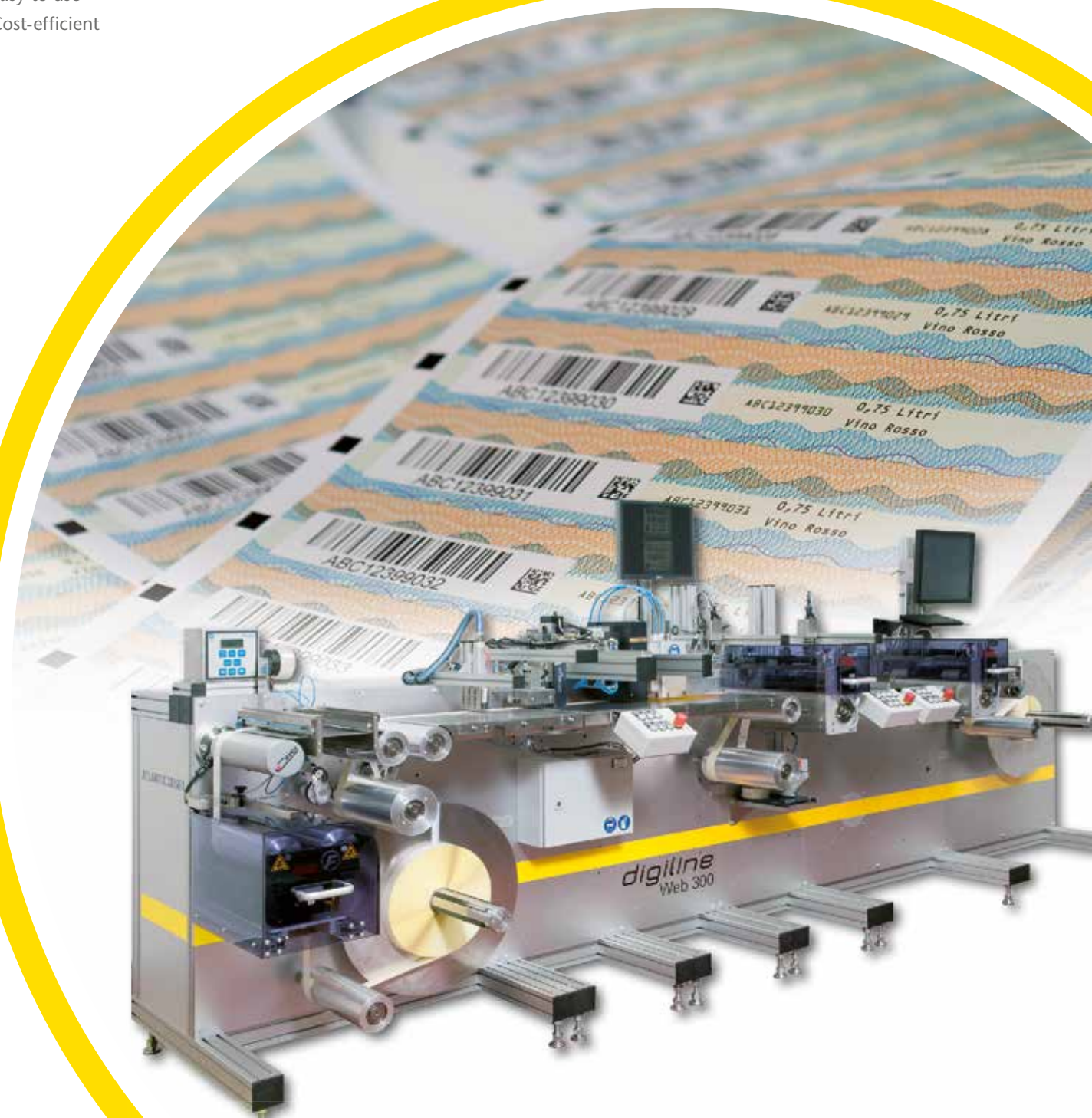


# *digiline* Web 300

## End-to-End System Solution

- Superior high-class digital printing on labels
- Many off-the-shelf configurations
- Highly versatile
- Easy to use
- Cost-efficient



## *digiline* Web 300

### Superior cost-effective, versatile and secure web printing

Whenever you require near-line or offline application of fully variable information, or frequently changing print content onto your products – DIGILINE offers a versatile system that is just right for you. With DIGILINE, Atlantic Zeiser has put their unique know-how and decades of system integration experience within digital high-speed printing, into a comprehensive portfolio of integrated production solutions.

Besides DIGILINE's high-class and high-speed digital printing capabilities the pre-configured systems boast numerous upgrade options, which enhance your workflow efficiency. And as your production grows and your products change, the versatility and substrate flexibility of DIGILINE will help you make the transformation an easy and relaxing experience.

#### The Advantage

- Offline digital printing on labels
- High-class printing quality and throughput
- Substrate flexibility and application versatility
- Numerous off-the-shelf configurations
- All-in-one pre-installed and tested for plug&play operation
- Can host multiple printers, print widths and extensions
- Optional verification and security features
- PDF ready
- Automatic splicing for 100% error free production
- Variety of web stock materials
- High-resolution up to 720 x 720 dpi black graphical DoD printing, coding, serialization and customization at full speed
- White ink for dark backgrounds
- 4-color print on demand

#### Typical Applications

- Security printing, tax and excise stamps
- Label and flexible package printing
- Frequently changing text, graphics, numbers, 1D/2D codes
- Coding, serialization, customization, personalization
- Ingredient information, Track & Trace codes, production data, custom designs, serial codes, different languages and fonts, addresses, billing information
- Printing on blank or pre-printed materials





## Unwinding

- Dynamic unwinding module specially designed for different substrates and print width
- Integrated automatic web guide is to ensure the correct position of the print and to correct small errors on the source roll
- Splicing table
- Simple product handling

## In-line Pre-treatment of Substrates

- Plasma unit for better adhesion and print quality on challenging substrates
- Ionization unit for removal of static electricity



## Labeling

- High-speed accurate wipe-on label unit for application of standard or custom security labels

## Binary DoD Inkjet Printing

- High-resolution inkjet printers from the OMEGA and DELTA family for bar codes, text/MRZ and logos
- Print width from 36 mm (1.42 inches) up to 210 mm (8.26 inches)
- Print resolutions from 360 dpi up to 720 dpi



## UV Curing

- Compact UV curing systems are fully shielded and integrated for Atlantic Zeiser developed UV curable inks that are available in black as well as a variety of spot colors.
- Air cooled SENSECURE system for high-speed applications and for white ink
- Energy saving water-cooled SMARTCURE (UV LED system) for temperature-sensitive products
- Compact design requiring less space than conventional UV curing units
- Energy saving and long-life curing unit

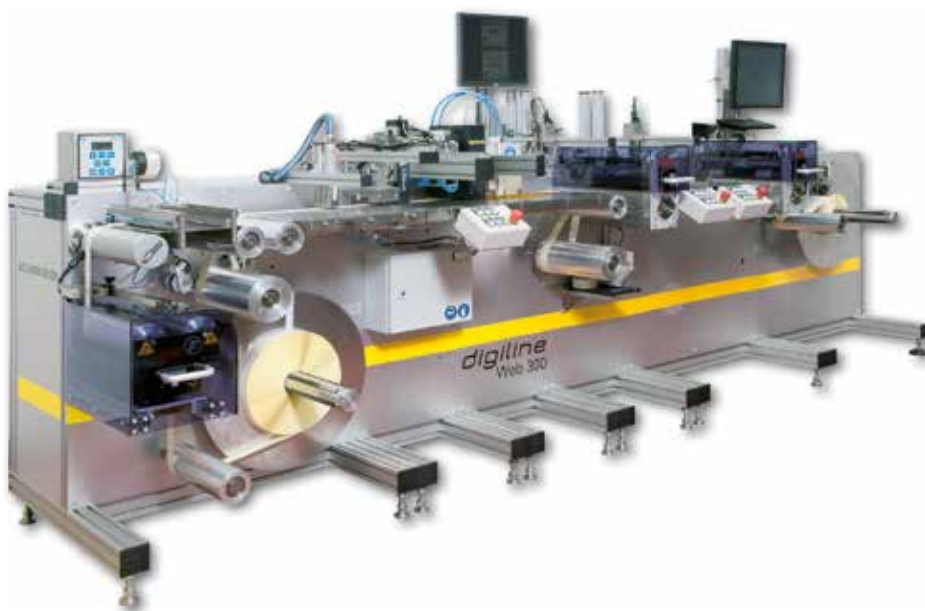


## Camera Verification

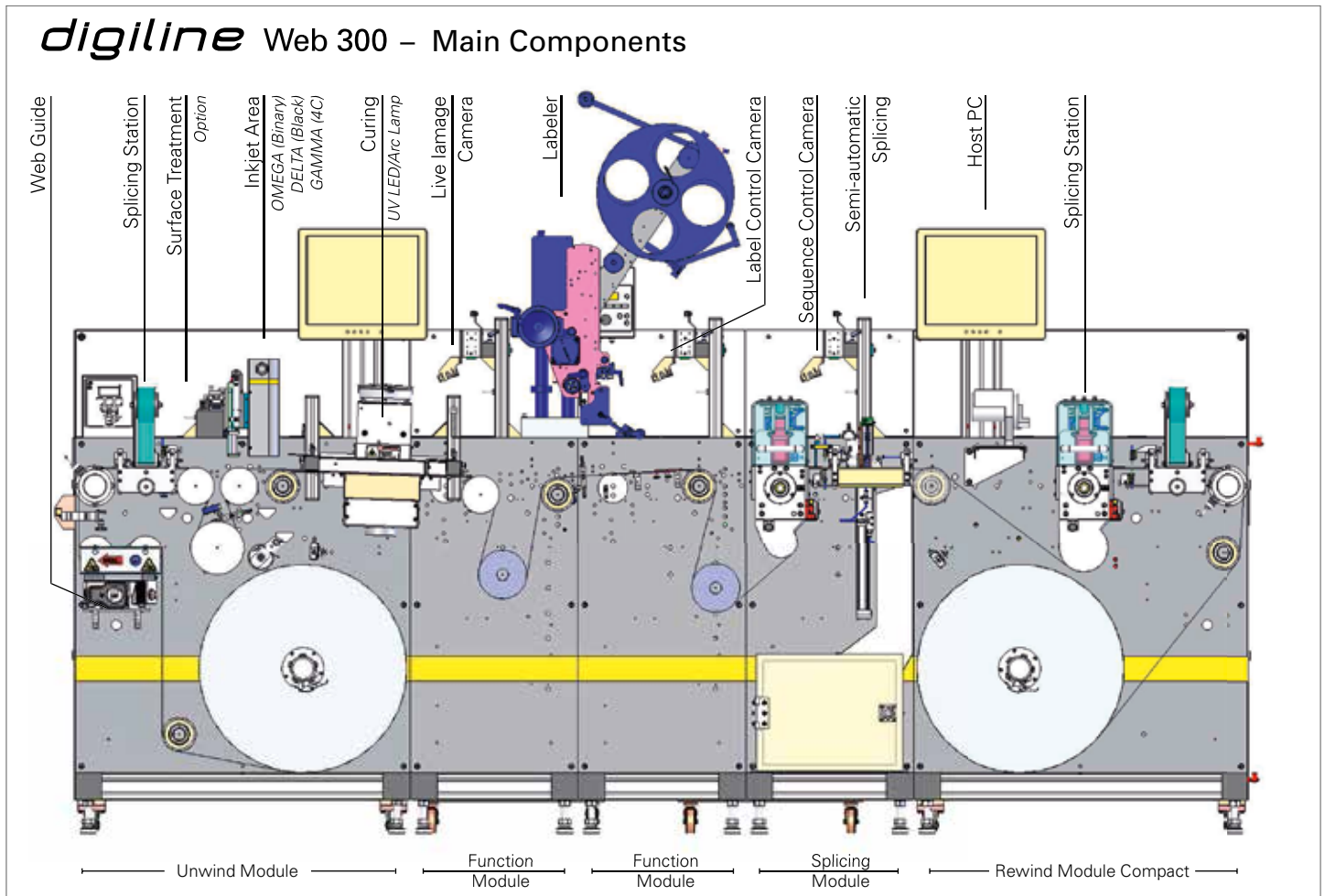
- VERICAM camera for 100% OCR verification
- Advanced graphical user interface (GUI)
- Automatic learning functions and plausibility checks
- Verifies both variable and fixed data
- Online comparison with production file

## Semi-automatic Splicing Station

- The splicing mechanism is used to remove bad products in between the two camera verification systems and enables a 100% error free roll. It is built in a way that the paper tension in the rest of the machine is not lost while removing bad products.
- A lockable container close to the splicing station allows the operator to store the bad products until they are shredded or otherwise securely disposed.



*digiline* Web 300 – Main Components



Technical Specifications	DIGILINE Web 300
Typical Products	Web stock, labels, foils
Typical Substrates	Paper (plain, treated, coated), polymer, metal
Max. Product Width [mm]	300
Max. Transport Speed [m/min]	150
Applicable Print Engines	OMEGA, DELTA, GAMMA
Applicable Curing/Drying	UV LED, UV lamp, IR
Standard Features	PLC controlled web transport, automatic roll end detection with stop, tension control, product counter, graphic user interface GUI, CE conformity
Optional Features	Semi-automatic splicing unit, machine length extension, print verification, pre-treatment (anti-static, ionization, plasma)

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