

# BOOKLET WEB LINE 250

Quality and Flexibility for Coding  
Booklet Labels and Standard Labels



- Coding
- Checking
- Selecting



## BOOKLET *web line* 250 from Atlantic Zeiser

### A challenge for pharmaceuticals label manufacturers

As multi-functional all-round solutions, state-of-the-art information media are gaining importance in the pharmaceuticals industry. Whether in the form of self-adhesive product labels, package leaflets or patient information lists – booklet labels are winners thanks to their easy handling and the direct contribution they make to the success of a product in the market.

The growing market acceptance is the driving force for innovation in terms of new formats and dimensions for booklet labels, as product and patient information labels of up to 80 printed pages can be placed on virtually any type of container.

The additional demand for solutions in the area of product tracking is a further sign of the growing requirements that need to be met by the label multi-talents, and hence the starting point for the label supply sector's effort to adapt to more complex manufacturing processes and to make timely investments in flexible, economical systems.

The pharmaceuticals label supply sector must also meet the following additional challenges:

- compliance with the "best practice in manufacturing methods" (GMP) required in the pharmaceuticals industry
- speedy response to customer-specific "on demand" orders
- speedy adaptation to changing market requirements while maintaining minimum inventories (late stage customization)
- deployment of flexible, efficient production facilities

### Booklet WebLine 250 uses state-of-the-art technologies to produce reliable results

#### Booklet WebLine 250: Coding – Checking – Selecting

As a leading supplier of multifunctional personalization systems, Atlantic Zeiser has developed the ideal product to meet market requirements. The "Booklet WebLine 250" was developed in close collaboration with a leading label supplier. Quality criteria in force around the world are implemented in a consistent manner in the "Booklet WebLine 250". This allows internal customer audits to be carried out swiftly and smoothly. The design and configuration of the equipment meet all the standards and quality requirements set by the industry sector.

#### Booklet WebLine 250: Individually tailored and efficient

As an efficient coding system, the "Booklet WebLine 250" is capable of applying high-quality printing on booklets and labels quickly and flexibly, as well as giving full control over the print image and ensuring that faulty booklets are selected without fail.

A transport system individually customized for this industry sector guarantees reliable execution of functional procedures. The simple method of switching between different formats and an intuitive menu system make for ease of operation. The equipment is controlled from an ergonomically positioned, user-friendly operating console, which allows the entire production process to be controlled and monitored by means of a visual display, resulting in a seamless documentation of the entire production process.

The key technologies developed by Atlantic Zeiser, such as the high-resolution OMEGA inkjet print, the BRAILLEJET, the UNIQUE VISION camera verification and the control unit, are distinguished by their excellent quality and high precision and ensure safe and efficient production.

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# Booklet WebLine 250

Greater performance, quality and flexibility for booklet label manufacturers

An essential advantage over existing production methods is that booklets in formats of up to 250 mm and a web or substrate thickness of up to 3 mm can now be printed in remarkable text quality and with ink adhesion properties, with an integrated quality control system that can clearly designate faulty products as such. The modular design combined with use of the latest technologies guarantee a maximum degree of flexibility, safety and productivity.

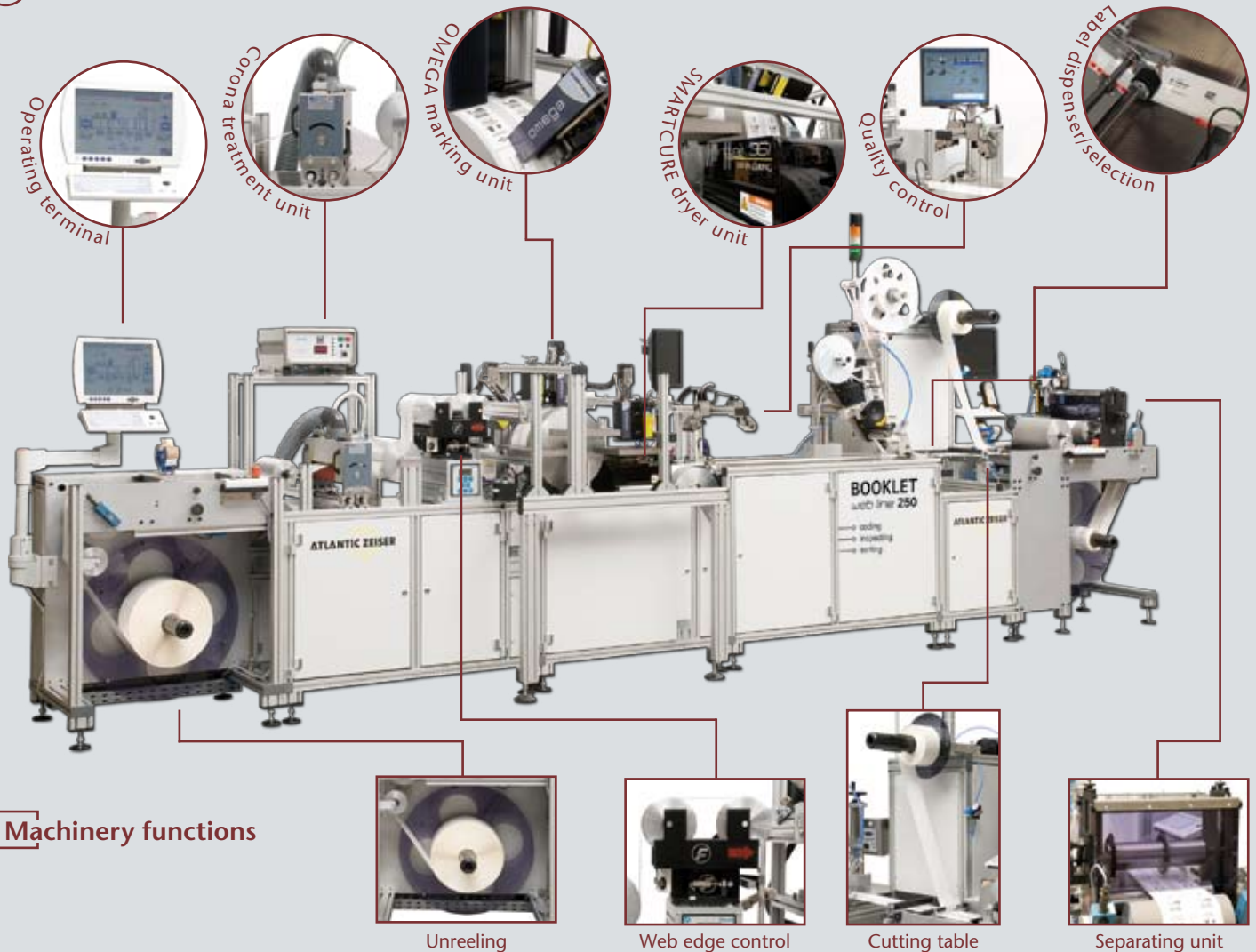
## Modular function units of the Booklet WebLine 250:

Label carrier unreel unit (blank tape/label web), operating terminal, splicing table, web edge control system, corona surface treatment, printing station for three OMEGA printers (moveable), ultra-modern LED-based UV drying, reading unit for 2 OCR cameras, label dispenser (reel end/fault), cutting knife, reel unit

## Advantages & special characteristics

- GMP relevant documents available
- High productivity & flexibility due to digital printing process on different label formats (up to 80-page booklets – multiple tracks)
- Outstanding print quality up to 720 dpi resolution
- Excellent adhesive properties for a large number of different substrates
- 100% control of all variable print data
- Reduced process costs thanks to automated fault detection (camera surveillance)
- On-the-fly placement of so-called “evaluation labels” in the correct format
- High availability due to short tooling times

## Processing/Technologies



## Machinery functions

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[www.atlanticzeiser.com](http://www.atlanticzeiser.com)

Technical Specifications – Label Materials	
Label Thickness	0.1 mm – 3 mm   3.94 – 118.1 mil
Label Dimensions (W x L)	from 15 x 20 mm up to 250 x 500 mm   from 0.591 x 0.787 up to 9.843 x 19.685 inch
Single/Multiple Use	Single and multiple tracks possible
Label Types	Label rolls, 1-layer, multiple layer + booklet / in direction of travel and perpendicular to the direction of travel
Material	PET, PETG, PP, PVC, paper, other coatings on request
Material Weight	50 – 250 g/m <sup>2</sup>
Technical Specifications – System	
Throughput	up to 1500 labels/minute at 20 mm format length (single-web operation) – gross, depending on format
Linear Speed	0 – 30 m/min   0 – 98 ft/min
Web Width	30 – 250 mm   1.181 – 9.843 inch
Web Tension	freely adjustable 0 – 5 kg
Reel Diameter for Reel and Unreel Units	up to 700 mm   27.559 inch
Core Diameter for Reel and Unreel Units	76 mm   2.992 inch
Operating Terminal	Operator console, Remote Control
Power Supply	400 VAC / 50 or 60 Hz / three phases + N + PE
Pressurized Air	max. 8 bar
Dimensions (L x W x H)	6400 x 660 x 2100 mm   252 x 26 x 82.7 inch
Weight	approx. 1600 kg
Technical Specifications – Modules	
<b>CORONA</b>	
HF Corona Station	maximum output 1000 W
<b>OMEGA 36 Print Head</b>	
Resolution/Printing Width per Print Head	360 x 360 dpi / 36 mm   1.417 inch – optional 720 dpi
Print Head Dimensions (H x W x D)	200 x 80 x 40 mm   7.874 x 3.15 x 1.575 inch
<b>SMARTCURE Ink</b>	
UV drying	
<b>SMARTCURE Curing Unit</b>	
UV LED-based	
Dryer output	up to 8 W/cm
<b>CCD Camera UNIQUE VISION</b>	
Resolution / Scan Rate	1024 x 779 pixels / up to 55 images/s
<b>Label Dispenser</b>	
Reel Diameter	max. 400 mm   15.748 inch
Label Format	width: min. 10 mm, max. 88 mm / length: min. 22 mm, max. 200 mm