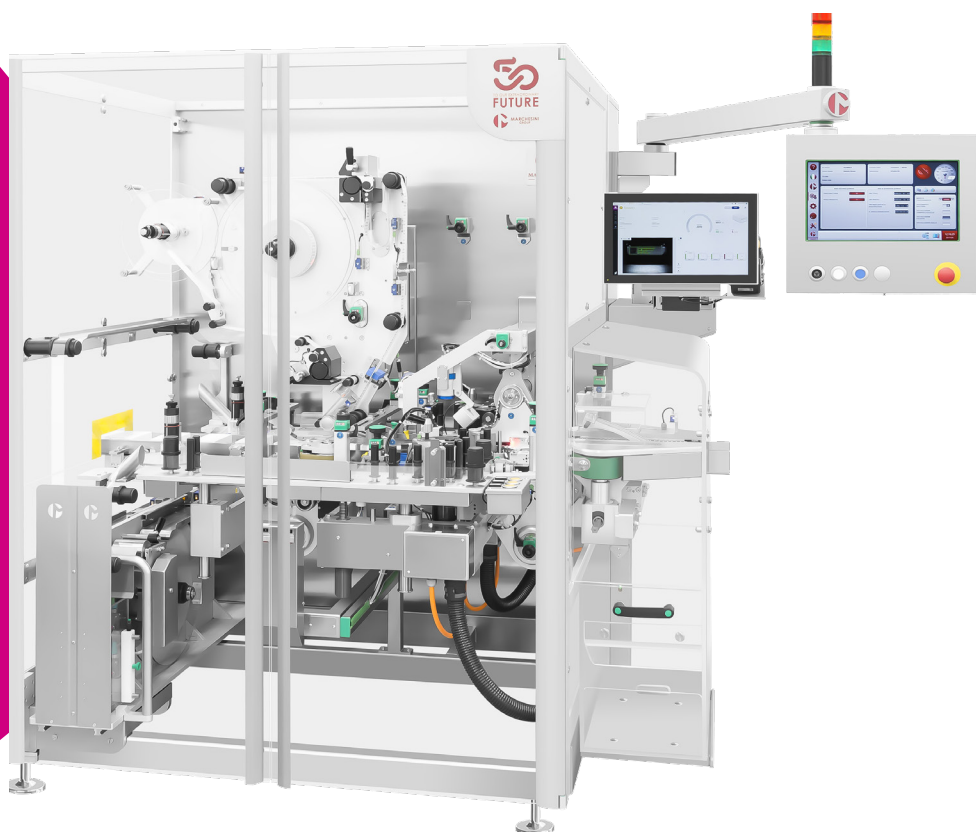


BL-A415S

AUTOMATIC LABELLER
FOR TRACK AND TRACE



Comply with T&T requirements worldwide



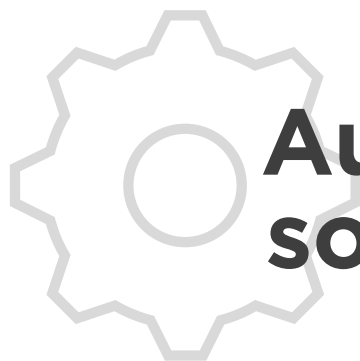
**IN LINE OR
STAND-ALONE
INSTALLATION**

**TAMPER EVIDENT
LABELS APPLICATION
(option)**

**VIGNETTE LABELS
APPLICATION
(option)**

**QUICK
CHANGEOVER
WITHOUT FORMAT PARTS**

**COMPACT AND
ERGONOMIC DESIGN**



Automatic solution

T&T System integrated



**CARTONS
SERIALIZATION**

**SUITABLE FOR
ALL T&T MARKETS**

**100% CONTROL
OVER PRODUCTION**

**AUTOMATIC
REJECTION OF
WRONG CARTONS**

**HMI INTEGRABLE
IN MACHINE
TOUCH DISPLAY**

THE POWER OF A FULL STACK TRACK AND TRACE SOLUTION

The Tracker vision system in the BL-A415S machine is part of SEA Vision's track and trace solution for pharmaceutical aggregation and serialization. It manages all ANSI/ISA 95 levels, from production line devices to corporate and regulatory notifications

L5

L4

L3

L2

L1

BL-A415S DESCRIPTION

BL-A415S is a continuous motion labeller suitable for 1D, 2D codes and human readable data print and check. The unit operates in line with other machines or as a free-standing machine if equipped with suitable in-feed/out-feed accessories.



OUTPUT

Up to 300 cartons/min

- Compact and ergonomic design
- Twin conveyor belts with adjustable width for handling different carton sizes
- Quick changeover without any size parts
- 15" Touch screen control panel for machine and serialization system management, with user-friendly interface (alternatively, integrable in the HMI of the machine)
- High resolution camera with LED light unit
- Multicore and multithread industrial PC with UPS
- Thermal inkjet printer with one or more printing heads
- Safety guards to protect from unauthorized intervention during serialization process
- Fail-safe logic, with rejection by pneumatically driven flap
- Carton reject inside the bin with collection on operator side

"V and "TE" VERSION (OPTION)

Machine can be equipped or upgraded in future with 1 labelling head for vignette (V) application and 2 labelling heads for 2 tamper evident (TE) seal application on the two lateral flaps of the carton. The two options can be installed simultaneously.

Label unwinding units with servo-motor drive are placed inside safety guards. Backing paper rewinding units with mechanical clutch.

The Vignette and TE-Seal position are vertically and horizontally adjustable.

Tamper Evident labels presence on the carton is controlled by fibre-optical sensors.



Thermal inkjet printing heads for 1D and 2D code and human readable data



Tamper evident seal application on the closure point of folded carton

TRACK & TRACE SYSTEM | tracker_

The core of BL-A415S is Tracker, SEA Vision machine (L1) level serialization solution.

Tracker performs the provisioning of serial numbers from L3 serialization software solution, manages the in-line printing and controls the correctness of the codes and of human readable data on 100% of the production. At the end of the process it executes the posting of the used serial numbers to L3 serialization software solution.

The controls are conducted through a camera based system: one or two cameras (according to the requested configuration) with LED light system check the serialized codes and human readable data on the carton. In case of wrong printed codes or data the system send a signal to the machine for the automatic rejection.

What can the software control?

- 1D/2D codes
- Human readable data

What can it manage?

- Real time images control
- Codes and variable data printing
- Machine side, operator side or both sides print and check
- Automatic rejection
- Custom reports generation
- Remote folder images storage for QA analysis
- Provisioning and posting from L3 solution

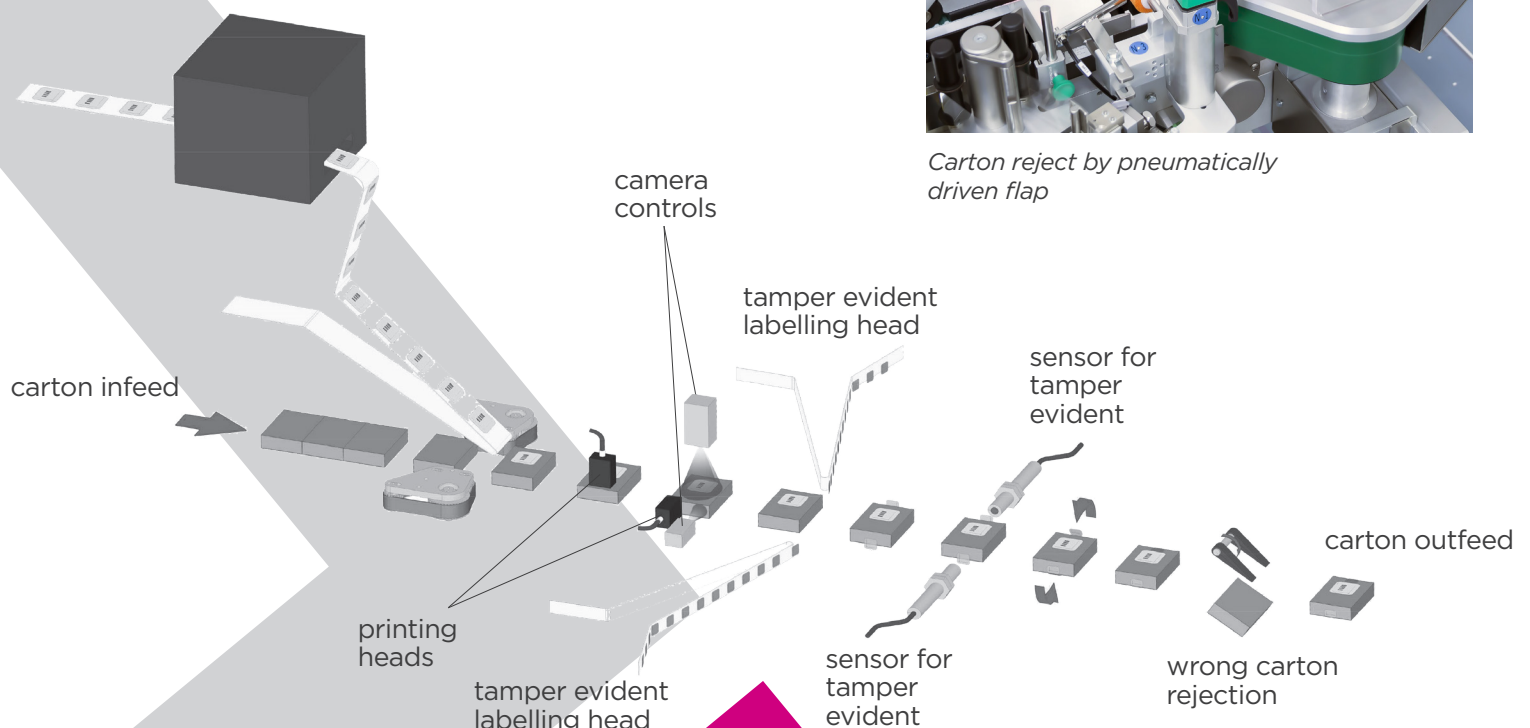


Cameras for the control of 2D code and human readable data



Carton reject by pneumatically driven flap

WORKFLOW



FEATURES of tracker₊

HARDWARE

Tracker hardware is reliable and uses only cutting edge components

Main unit

- CPU Quad core
- Operative System Windows 10 64bit
- RAM up to 8Gb
- Spare hard disk
- Battery pack - UPS
- I/O card for signal exchange 24 input + 24 opto-isolated output (24V)

Camera

- One or two high resolution camera (operator and or machine side) for serialized codes and variable data control
- Hardware trigger
- PoE (Power over Ethernet) power supply



Light unit

- LED high brightness light unit
- Strobe light
- Directly powered and controlled by main unit
- High speed switch on and off time (microseconds order)

Printer

- Management of thermal inkjet printer

HMI

- Integration with machine HMI optimized for touch screen



SOFTWARE

Tracker is a complete serialization and vision solution, including the following software functionality.



Track and Trace features

- Serialization
- Aggregation
- FIFO logic adapted to your specific packaging process
- Real time printer management
- In batch rework operation
- Adaptable configuration for manufacturing process



Vision inspection features

- OCV-OCR check of human readable data
- 1D linear codes, 2D codes, QR codes check
- ISO 15415-6 ANSI grading



Automation features

- I/O board for the exchange of signals with the machine's PLCs
- Electronic oscilloscope
- Internal soft PLC
- Shift register



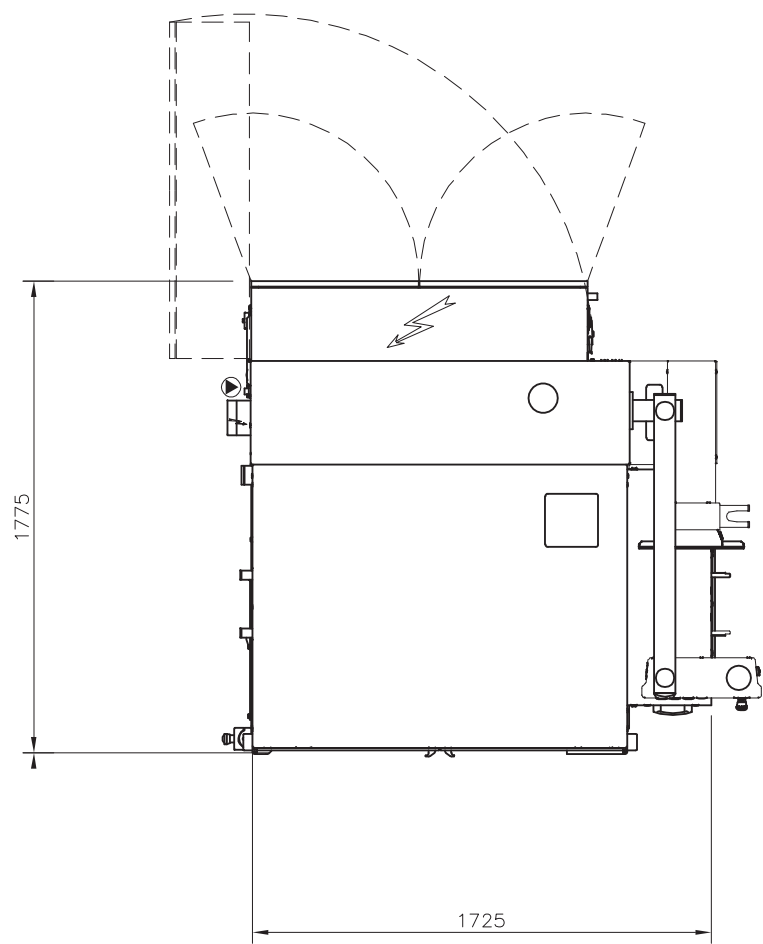
Compliance features

- User management
- FDA CFR 21 part11 compliant
- Data Integrity functionality
- Data report

BL-A415S FEATURES

LAYOUT

Dimensions in mm



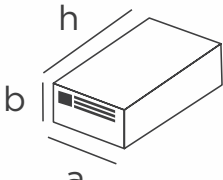
Infeed belt extension of 366mm available on request.


TECHNICAL DATA


BL-A415S	
Installed power	3,5 kW
Compressed air consumption	20 NI/min (6Bar)
Noise level	≤80 dB(A)
Mechanical output (up to)	300 cartons/min

SIZE RANGE

Carton size		
	V+TE	TE only
Width (a)	25 - 60 mm	25 - 105 mm
Height (b)	17 - 90 mm	
Length (h)	70 - 250 mm	



Tamper Evident label size		B	
TE-Seal height (B)	15 - 30 mm		
TE-Seal lenght (A)	15 - 60 mm		

Vignette label size		B	
height (B)	20 - 60 mm		
lenght (A)	15 - 80 mm		

The only available transport belt pitch for Vignette + TE labelling is 100mm.

SEA Vision Group updates its product range to meet market needs.

The technical specifications given here are subject to change without prior notice or liability.

***machine powered by Marchesini Group**



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