

CARTONTRACKER™

ENTIRELY AUTOMATED SERIALIZATION STATION,
TO ACCURATELY AND EFFICIENTLY PRINT AND INSPECT CARTONS



PHARMA



MEDICAL DEVICES

OPTEL's CartonTracker™ handles the printing and verification of each carton and ensures accurate serialization identification.

The **CartonTracker** is built with an scalable configuration, enabling item-level serialization and converting to serialization and aggregation. As part of OPTEL's **TrackSafe™** product family, the **CartonTracker™** connects in real time with the OPTEL **LineMaster™** to verify and report serial numbers.

The **CartonTracker™** is part of OPTEL's open architecture, which connects to various IT systems or third-party equipment.

We understand that modifying your process can be challenging. To overcome this challenge, we've leveraged all the experience and expertise that comes with more than 30 years of expertise and thousands of successful serialization integration projects around the world.

KEY FEATURES

- Complete reporting tool to LineMaster™
- Up to 400 cartons per minute
- Serialized and non-serialized capabilities
- Replaces embossed information
- Inspections on 1 side (front or back)
- Built-in ejection bin
- Ejected products can be retrieved during operation

BENEFITS

- Precise and robust carton handling
- Toolless changeover
- Turnkey installation
- Enables 21 CFR Part 11 compliance

TRACKING PROCESS OVERVIEW

Tracking is used to ensure products can be located at any time on the production line to prevent defective products from reaching the next step of the production process.

The illustration below depicts the CartonTracker™ and other usual peripherals used within a typical tracking process.

1 INFEEED

Start and control carton entry to ensure proper transition to the CartonTracker™.

2 PRINTING

Product-specific information is printed on the carton print area (lot number, expiration date, EPC, etc.).

3 CARTON INSPECTION AND VERIFICATION

An image of the codes printed on the carton is inspected and verified by comparing it to a reference image.

4 EJECTION

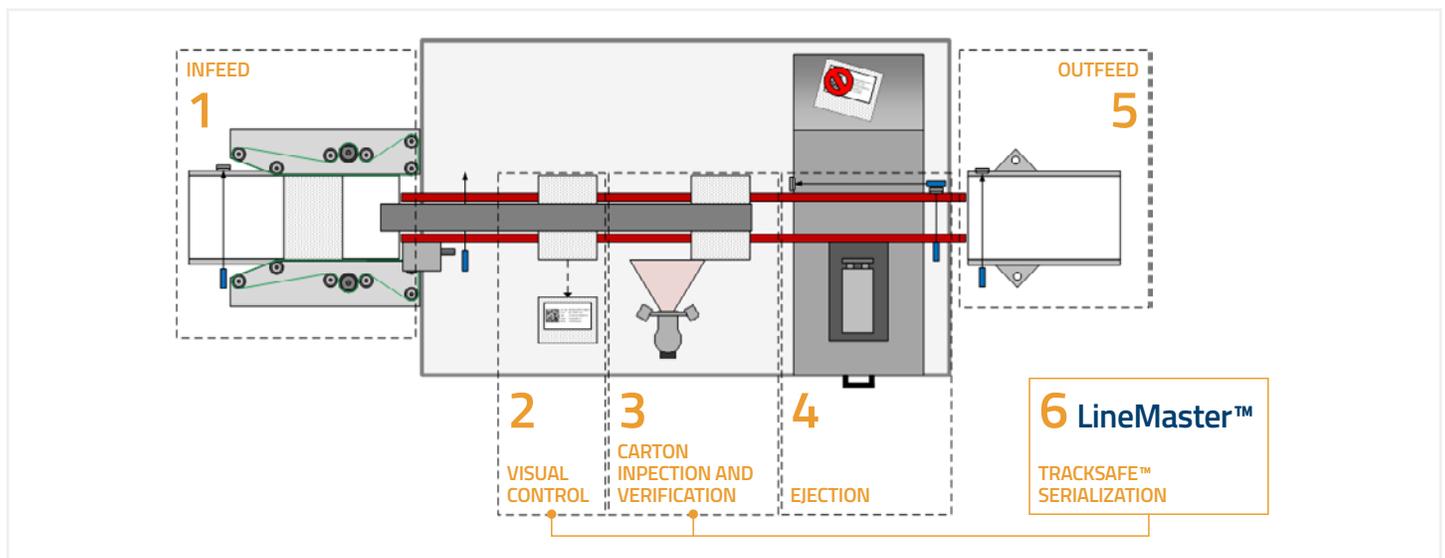
Defective cartons are ejected, with confirmation that the carton is no longer on the conveyor belt beyond the ejection zone.

5 OUTFEED

Ensure proper transition to next downstream station and control carton accumulation.

6 TRACKSAFE™ SERIALIZATION

The CartonTracker™ can be connected to the OPTEL TrackSafe™ LineMaster™, which distributes serial number information to each packaging level and validates this information at every inspection station.



ORDERING INFORMATION – STANDARD SOLUTION CONFIGURATION

Encompassing all of OPTEL's expertise and legacy, this standard CartonTracker™ configuration is a predesigned hardware and software solution that meets your carton tracking needs quickly and cost-effectively, while conforming to current industry standards.

To obtain a quote, contact your Account Director, who will work with our quote department to provide you with accurate pricing for your solution. Should these options not fit your specific requirements, feel free to discuss your needs with your Account Director, as we also provide custom solutions upon request.

ADDITIONAL INFORMATION REQUIRED FOR QUOTE

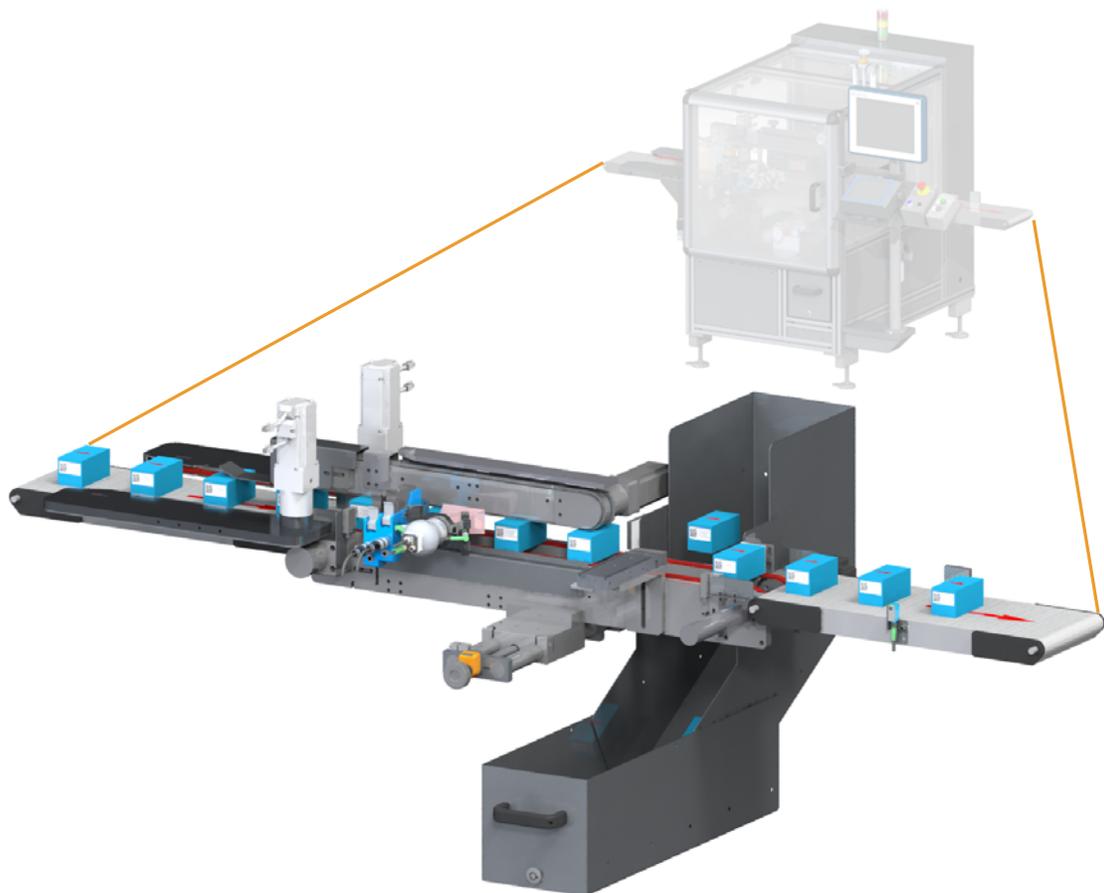
- Carton samples
- User Requirements Specifications (URS)
- Product matrix
- Floor layout

CARTONTRACKER™ SRR001 – STANDARD SOLUTION SPECIFICATIONS

- Medium-sized CartonTracker™
- Left-to-right product flow
- 32-inch or 36-inch conveyor height with pads
- 4 available printing positions (FT/FS/RT/RS)
- OPTEL HMI
- Multi-segment LED tower light indicator
- Bypass key
- Camera for carton inspection area (FOV < 85 mm x 45 mm)
- OP300 software
- OCV analyzer
- Barcode analyzer
- Pneumatic pusher
- Domino Gx150i coder
- Serialization-ready
- Emergency stop

NOTES:

- Preliminary lead time: 18-22 weeks
- Refer to limitations table
- Refer to machine dimensions table
- Refer to printing position table



ITEM #	OPTIONS	SPECIFICATIONS
SRR001	CartonTracker™	Refer to the specifications on the preceding page
ITEM #	OPTIONS	SPECIFICATIONS
SRR002	Right-to-Left Flow	<ul style="list-style-type: none"> Right-to-left product flow
SRR003	Narrow CartonTracker™	Refer to machine dimensions table
SRR004	Large CartonTracker™	Refer to machine dimensions table
SRR005	Pneumatic Pusher Ejection	<ul style="list-style-type: none"> Pneumatic cylinder for ejection Outfeed guarding Infeed guarding
SRR006	Videojet Wolke m610 touch	<ul style="list-style-type: none"> Videojet Wolke m610 touch with 1 print head (code height < 12 mm)
SRR007	Print Size Higher than 12 mm for Wolke m610 Touch	<ul style="list-style-type: none"> Additional print head (code height < 24 mm)
SRR008	Print Size Higher than 12 mm for Domino Gx-Series	<ul style="list-style-type: none"> Additional print head (code height < 24 mm)
SRR009	CO2 Laser Printer (Domino D320i)	<ul style="list-style-type: none"> Domino D320i Domino fume extractor Infeed and outfeed guarding (medium and large sizes only) <p>Requires sample testing by Domino to confirm the coder model and configuration Not available for narrow sizes</p>
SRR010	CO2 Laser Printer (Domino D620i)	<ul style="list-style-type: none"> Domino D620i Domino fume extractor Infeed guarding (medium and large sizes only) <p>Requires sample testing by Domino to confirm the coder model and configuration Not available for narrow sizes</p>
SRR011	Infeed Side Belts	<ul style="list-style-type: none"> Improves carton transfer from infeed conveyor to CartonTracker™
SRR012	Infeed Conveyor	<ul style="list-style-type: none"> Infeed conveyor, 10-inch width 32-inch or 36-inch heights available Mounting support Pads or casters available 24-inch or 36-inch lengths available Emergency stop
SRR011	Outfeed Conveyor	<ul style="list-style-type: none"> Outfeed conveyor, 10-inch width 32-inch or 36-inch heights available Mounting support Pads or casters available 24-inch or 36-inch lengths available Emergency stop
SRR012	Casters for Mobile Station	<ul style="list-style-type: none"> Casters with adjustable leveling pads

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