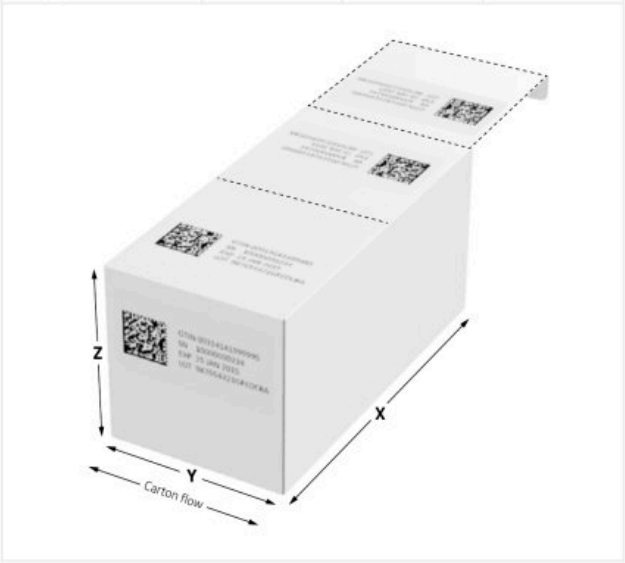


CARTONTRACKER™

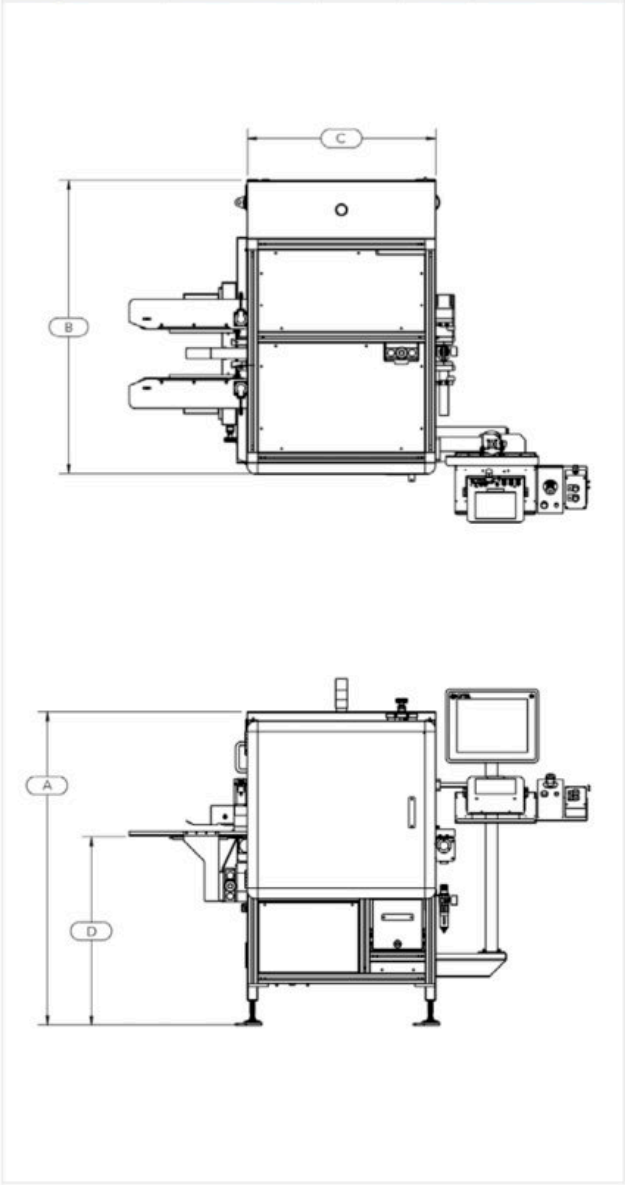
PERFORMANCE	
Designed for	Cartons
Production Rate	Up to 400 cartons/min
VISION SPECIFICATIONS	
Field of View	< 85 mm x 53 mm
Decoding Capability	1D, 2D, OCV/OCR
Data Matrix Module Size	From 0.18 mm
Human Readable Character Height	From 1.2 mm
Linear Barcode Line Width	From 0.12 mm

UTILITIES	
Power Requirements	120-240 VAC 50/60 Hz
Compressed Air	6 bar (90 psi)

LIMITATIONS AND PRINTING POSITIONS						
CartonTracker size	X		Y		Z	
	MIN	MAX	MIN	MAX	MIN	MAX
Narrow	40	210	20	190	5	150
Medium	40	210	20	190	5	150
Large	40	250	20	250	15	175



MACHINE DIMENSIONS (mm)						
CartonTracker size	A		B	C	D	
	32 in	36 in			32 in	36 in
Narrow				610		
Medium	1,491	1,593	1,266	813	813	914
Large	± 51	± 51		892	± 51	± 51



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 INFEED**
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.

