

## *FCSS-100 Flat Carton Serialization Station*



Many companies that use cartons in their packaging operations prefer to serialize unfolded flat cartons in their serialization operations to comply with product traceability regulations. The main reason for this is the low initial investment cost and the lack of sufficient physical space for the serialization station after the carton packaging line. VISIOTT TPS Flat Carton Serialization Station practically realizes serialization by thermal inkjet technology, following the needs of sectors such as pharmaceutical, cosmetics, and medical device industries.

There are some remarkable features of FCSS-100, that we specially designed for the serialization of unfolded flat cartons. With the easily adjustable loading area according to carton size, you can load your products to be serialized into the station in bulk. The feeder feeds the stacked cartons onto the vacuum conveyor system one by one. The station correctly positions the cartons that enter the serialization line with the help of adjustable impression rollers. Thanks to the conveyor with internal vacuum channels, your unfolded flat cartons are transported in a fixed position along the line.

The station with a TIJ printer placed on a slide for precise positioning of the data matrix can serialize up to 250(\*) cartons per minute. The human-readable texts applied on the carton are transferred to the system with GigE vision inspection technology and verified by OCR / OCV technology. VISIOTT TPS Flat Carton Serialization Station also precisely detects the thickness of cartons coming out of the feeder for printing and camera verification.

## Features

- Serializes up to 250 (\*) flat cartons per minute.
- Verifies human-readable text with OCR/OCV technology.
- The total line length is only 1500 mm.
- Operates offline.
- Supports multiple print heads and cameras.
- Prints and reads all industry-standard 2D codes.
- User-friendly interface with a touchscreen monitor.
- GMP, GAMP 5, and 21 CFR Part 11 compliant.

(\*) Speed depends on carton size.

## Technical Parameters

Printing Technology*	TIJ, Laser, CIJ
Printing Resolution (max)	600 dpi
Verification	Grading and (OCR/OCV)
Camera Resolution	1600 x 1200 px
Capacity (max)**	250 pcs/minute
Product Length Control	Yes
Voltage / Frequency	110 V / 220 V / 50 - 60 Hz
Dimensions (WxLxH)	840x1940x1900 mm
Material	Stainless Steel