TIJ Egg Shell Coding Station

Domino TIJ Egg Shell Coding Station (TESCoS) is an innovative solution designed to streamline the egg coding process while enhancing your brand identity. This user-friendly system ensures efficient, high-quality Thermal Inkjet (TIJ) coding directly onto eggshells, empowering you to deliver critical information to consumers and retailers.

This solution enables producers to brand eggs, incorporate batch level identification and other critical information such as best before dates etc.

Domino TIJ Egg Shell Coding Station empowers you to elevate your egg production process. By ensuring clear, consistent coding and branding, TESCoS helps you in fostering consumer confidence and brand recognition, while improving operations efficiency.

Improved Productivity

◆ High throughput of 12-15 trays per minute, significantly enhancing production efficiency.

◆ With adjustable conveyor speed TESCoS ensures fast and consistent high quality coding delivering maximum output.

◆ Optimise labor for coding tasks by automation, freeing up personnel for other critical operations.

◆ Minimize wastage with high quality and consistent printing

Flexibility

◆ Suitable for flexible message options, allowing printing of logos, batch numbers, MFG and EXP details, catering to diverse branding and traceability requirements.

◆ Adjustable guides to facilitate different tray sizes.

◆ Variable conveyor speeds to match operator efficiency and optimize coding.

Reliability

◆ Built using Aluminium profile, SS304 stainless steel and powder-coated MS for durability and long lasting performance.

◆ It utilises Thermal Inkjet technology for clean, clear and consistent high resolution coding on eggshells.

◆ Equipped with stopper bracket at end of conveyor, preventing falling of egg trays and ensuring smooth operation throughout the production cycle.
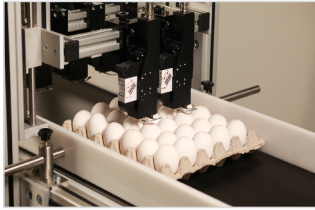
www.domino-printing.com

Domino. Do more.

A complete solution

Our TIJ Egg Shell Coding Station offers a range of advanced features to optimise your coding requirements.
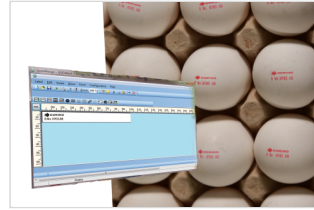
High Quality

TIJ technology delivers consistently clear, high-resolution codes directly onto eggshells. Our reliable printers produce crisp, legible markings that withstand even the most delicate surfaces, ensuring optimal readability throughout the supply chain.

User Friendly Interface

It prioritises user-friendliness with a seamlessly integrated PC control panel. This intuitive interface empowers operators to manage the entire coding process with ease. It minimises training time, allowing operators to become proficient with TESCoS quickly.

Domino Designer

Design complex messages effortlessly using optional Domino Designer. Prevent operator errors resulting in rejects & rework. It empowers operators to create and manage coding messages with ease.
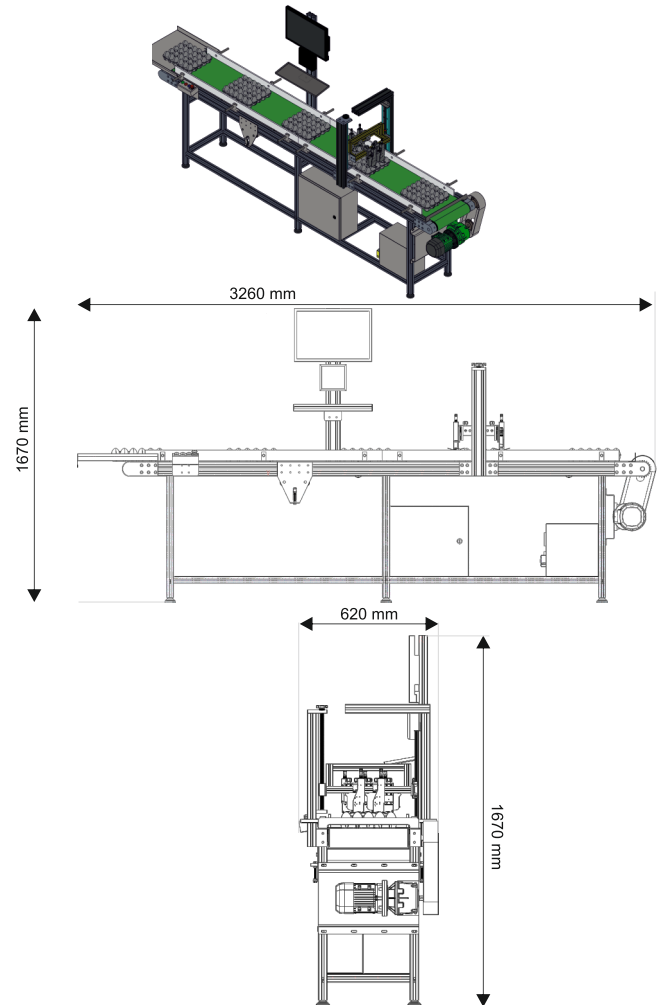
Safeguard AR

Receive support from Domino expert engineers through Augmented Reality application enabling faster resolution. Receive guidance on the video screen with interactive graphics and comments. It provide exceptional technical support whenever you need it.

Technical specification

TIJ Egg Shell Coding Station	Description
Dimensions size (in mm)	3000 × 450 × 800
Conveyor specifications	
Conveyor Speed	Upto 20 Meters / min
Feeding Tray	At input for easy placement and feeding of Egg trays
Stopper Bracket	At end of the conveyor to avoid falling of Egg trays
Throughput	12-15 trays/min
Electrical specifications	
Electrical Supply	Single phase, 220/230V AC, 50 Hz
Drive Motor	0.5 HP, 3 Phase 415/440V AC
Speed Control	Variable Frequency Drive (VFD)
Mounting specifications	
Mounting Arrangements	Provision to mount 5 × Gx spring bracket assembly Vertical, Encoder, Sensor, PC and Enclosure for OEM controllers
Dimensions	
Overall Dimensions (LxWxH)	3260 × 620 × 1670 mm
MOC & Finish	
Conveyor Structure	Aluminium
Feeding Tray	SS304
P/H Mounting Arrangements	Aluminium / SS304
Belt Support/ Brackets/Motor Mounting Arr.	MS Powder Coated
Electrical Panel	MS Powder Coated
Print Head Mount Arrangements	Aluminium / SS304

3260 mm

1670 mm

620 mm

1670 mm

TALK TO AN EXPERT

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