



Coding for the egg industry

Printing all kinds of clear information on the surface of the egg to realize the code traceability of the egg product can allow consumers to know the source and quality of the egg clearly when buying eggs, increase consumer confidence, and enhance brand awareness. More and more attention is paid to the safety of eggs. With the continuous enhancement of safety awareness and the continuous implementation of relevant regulations, there are higher requirements for the label of the egg industry. Therefore, we provide a complete set of reliable egg coding solutions, including coding on eggshells and egg boxes.

Dedicated egg ink



Food grade ink: directly contact with food, safe and assured.



High definition: the printed content is clearly visible, and can maintain high color contrast on the surface of the egg.



Low diffusibility: even if the eggshell changes naturally over time, it can still maintain a clear and bright print quality.



High adhesion: the ink can still adhere to the surface of the eggshell reliably in various humid and harsh environments.



Quick drying: extremely short dry operation time, to avoid information stickiness and improve production efficiency.



Anti-condensation: when the egg is transferred from a cold environment to a hot environment, it can still maintain excellent printing quality when condensation occurs.



The importance of egg coding

Compliance with standards and regulations: governments of all countries have relevant requirements to mark and spray eggs, so that egg sales not only meet domestic safety requirements, but also meet the standard requirements of other countries for export.



Increasing consumer confidence: printing the production date and best eating date on the eggs can make consumers understand the freshness and quality of the eggs, dispel doubts in their hearts, and enhance consumers' confidence in the choice of eggs.



Enhance brand influence: by printing the brand trademark on the eggs, combining the quality of the eggs, and transmitting the brand message, consumers can increase the recognition of the brand and at the same time increase the loyalty to the brand eggs.



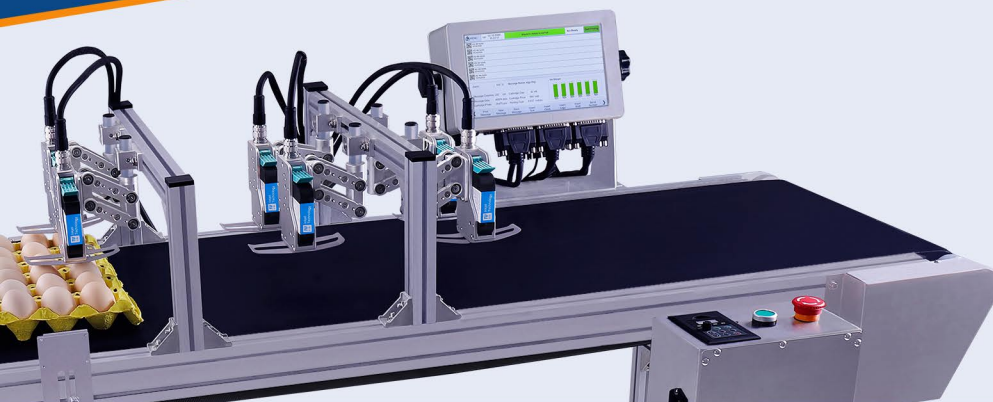
The information can be traced: the origin can be traced from all circulation links of the egg's origin, processing, and sales, so as to supervise each link, so that the quality of the eggs can be reliably guaranteed.



Differentiated comparison: printing information on eggs to achieve a different contrast with ordinary eggs, thereby increasing competitiveness and increasing sales.



T6 Egg Coding and Marking Solution



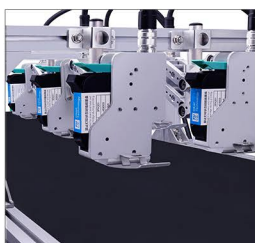
The entire pallet of eggs is transported through the conveyor belt. When the sensor detects the pallet signal, the relevant information is printed on the horizontal and hard rows of eggs in sequence to complete the batch coding and identification work of the entire pallet of eggs. According to the tray type or placement direction, you can freely select the number of print heads (maximum support 6 print heads) to adapt to various printing scenarios.

Program advantages



☉ Stable and reliable

Aerospace-grade aluminum material, matched with high-performance CPU and industrial-grade FPGA main control chip, anti-interference components, and embedded Linux system. It can still guarantee high-quality printing under various harsh environments.



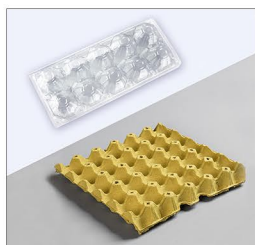
☉ Multiple nozzles

Due to different tray types or tray placement directions, the number of eggs in a single row and horizontal row will change. Printer can choose the number of print heads between 1 and 6.



☉ Improve coding efficiency

No need to remove the eggs from the tray, and the entire tray of eggs can be marked in batches, which is easy to operate and greatly improves the efficiency of printing marking.



☉ Support various pallets

It can be placed in plastic or pulp and other materials, 2*5 or 5*6 egg trays, all of which can be stably conveyed and printed on the surface of the eggs.

☉ Accurate printing of information

Professional brackets, separate print heads, well-array installation, adjustable design, adapt to various tray types, and can accurately print and mark information on eggs during the entire batch of printing.



☉ Anti-collision rebound component

Automatically adjust the height according to the different curvature of the egg surface, combined with the curved surface of the egg anti-collision baffle, which can effectively protect the egg surface.



☉ Stepless speed regulation

According to the speed of placing the eggs in the tray, the conveyor belt can adjust the running speed by itself to adapt to different production scenarios.



☉ Clear and easy to read

Stable machine, accurate positioning, high-quality ink, all kinds of information printed on the egg surface are clearly visible, and the color is bright.



Basic parameters

Parameters	Input voltage	Speed range	Machine size
Inkjet printer	220V (50Hz)	Support the highest speed of the conveyor belt	274mm*165.4mm*88mm
Conveyor	220V (50Hz)	Stepless speed regulation, speed regulation range 0~60 m/min	2000mm*460mm*750mm (Bandwidth:400mm)

Printable content



Origin



Production Date



Expiry Date



Brand Trademark



QR Code



Customized Message