Vertical Ticket machine(Dual-Station Single-Side)
Product Type： FUTUREATT-LHV220

Device Principle

The equipment requires one operator to handle the loading and unloading of products. The operator places the tray or box into the equipment, and the equipment automatically reads the code and verifies if the label is correctly applied. In case of any non-conforming products, the equipment generates an alarm。

Functional Features

● Suitable for 7-inch to 17-inch trays
● Compatible with various systems such as WMS, ERP, MES, etc.
● Equipped with a laser autofocus module that automatically adjusts the reading height based on the product's height, providing a large field of view and supporting multiple triggering positions
● Easy to operate, requiring only one person
● Processing speed of 3.5 to 5 seconds per tray, depending on the operator's proficiency
● Supports voice broadcast function to enhance customer experience
● Equipped with two 2000W pixel industrial cameras for accurate code reading and verification

Applications

Used in electronic components, SMT factories, and production line warehouses, among others.

Workflow

The equipment consists of two workstations: the first workstation is for automatic autofocus and code reading, while the second workstation is for verification.
● The operator accurately places the SMD tray or box in the first workstation.
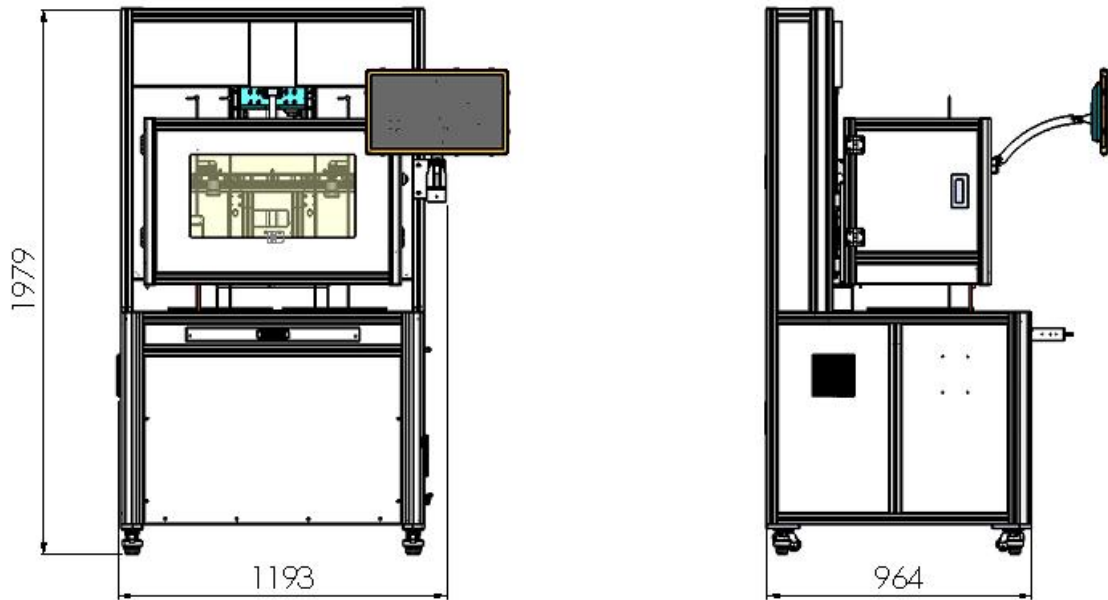
● The equipment automatically adjusts the camera height based on the tray or box height and then reads the code automatically.

● After successful code reading, a voice prompt indicates the successful reading.

● A customer label is printed on-site, and the operator manually applies the label to the tray or box.

● The operator places the labeled tray or box into the second reading workstation, where the system automatically reads the code.　After successful verification, a voice prompt indicates the successful verification, and the process repeats.

● In case of code reading failure or verification error, a voice prompt indicates the reading error.　The operator needs to confirm the tray's correctness.　If the tray information is correct, the code reading process is repeated.

● After completing the reading of each tray with the same part number, the system automatically controls the printer to print the outer box label.

External Dimensions

	Equipment Model	Parameters
Basic Parameters	Power Supply Voltage	ingle-phase, 220V (10A) (Can be customized for overseas users according to local power supply voltage)
	Frequency	50HZ
	Dimensions (Length x Width x Height)	964mm×1193mm×1980mm
	Efficiency	3~5s/tray (Depending on the proficiency of manual operation)
	Decoding Efficiency	≤250ms
	Compatible Materials	Diameter: 7~17 inches;　Height: 10~300mm (Laser focusing module, automatically adapts to material height)
	Integration System	The system can be integrated with any WMS/EMP/MES, etc.
	Camera Field of View for Decoding	300mm*400mm
	Configuration	2 industrial cameras with 2000w pixels (Decoding + Verification)
	Equipment Weight	168 Kg

Other	Note	The camera above has a field of view of 300mm x400mm.
		The camera above can be adjusted vertically within a range of 5~350mm (compatible with materials of the same height).
		electronic component distributors and SMT factories for small-batch coding and labeling
	Strong Electric Components	Independent circuit breakers in the distribution cabinet for easy maintenance
		Distribution cabinet equipped with exhaust fans
		Neat wiring using plastic wire ducts
	Equipment Control Components	Include electrical control system, human-machine interface, visual software system, etc.
	Electrical Control System	Implements control functions for various equipment mechanisms
	Human-Machine Interface	Provides human-machine interaction functionality
	Visual Software System	Records tray information, detects labels, and tracks various statuses of products produced by the machine, interacts with WMS data
	Environmental Requirements	Measure 500mm from the operating position or outer wall of the equipment
	Safety Requirements	Equipment complies with relevant national standards for electromechanical devices and CCC standards
	Equipment Appearance	Upper and lower frames in light gray RAL7035 color.

*External Dimensions

1979

1193

964

*Equipment Safety Requirements

1、Compliance with the current FUTUREATT standards or stricter local regulations.   Specific requirements will be clarified during equipment design review.

2、 The appearance and structural methods of equipment protective devices need to be checked one by one during design review.   Subsequent processing and installation should not cause mechanical interference, hinder maintenance, or pose safety concerns.

*Randomly Equipped Items

Item	Quantity	Remarks
Tool Bag	1 set	
Electric Screwdriver	1 piece	

Small Adjustable Wrench	1 piece	
Hex Key Set	1 set	
Micro Screwdriver Set	1 piece	

*Other Optional Models

Vertical	Model	Dimensions (Length * Width * Height mm)	Efficiency	Type
Vertical Ticket Machine	FURUREATT-LHV240	1252×1127×2051	3~5s/tray (Depending on the proficiency of manual operation)	(Dual workstation, double-sided configuration)