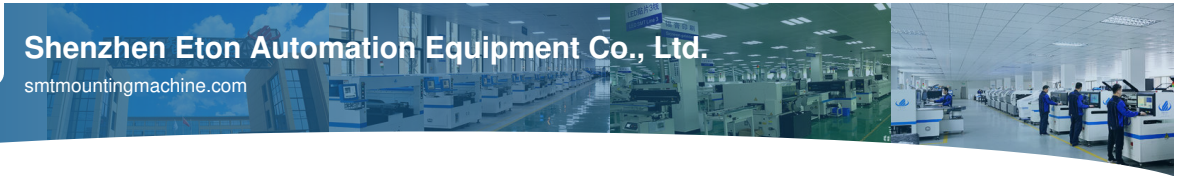




Shenzhen Eton Automation Equipment Co., Ltd.

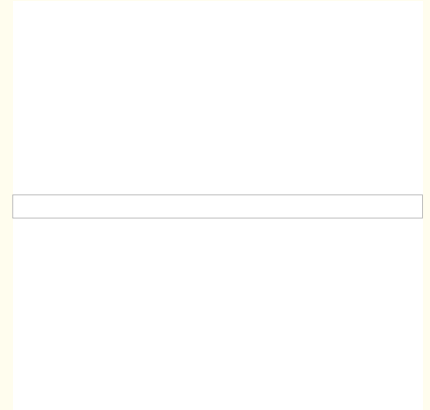
smtmountingmachine.com



50 60Hz Powersupply Fastest Pick And Place Machine Equipped with 5KW Power Consumption Delivering Automation Performance

Our Product Introduction

Basic Information



Product Specification

- Power Consumption: 5KW
- Head: 34
- Type: SMT Machine Related Products
- Components: 0201~15*15MM Packaging Material
- Softwarecompatibility: Supports Major CAD And PCB Design Software
- Placementaccuracy: ± 0.02 Mm
- Width: 2300mm
- Powersupply: 220V AC, 50/60Hz

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Product Description:

The Fastest Pick And Place Machine is a state-of-the-art SMT machine designed to revolutionize the electronics manufacturing process by delivering unparalleled speed, precision, and efficiency. Engineered to handle a wide range of components, this advanced machine supports packaging materials from the smallest 0201 size up to a maximum dimension of 15*15MM, making it versatile enough to accommodate diverse production requirements. Whether you are assembling compact mobile devices or complex industrial electronics, this machine ensures optimal placement accuracy and rapid throughput, significantly enhancing your manufacturing capabilities.

At the heart of the Fastest Pick And Place Machine lies an impressive 34-head configuration, allowing simultaneous multi-component handling that drastically reduces cycle times. This array of heads works in perfect synchronization to pick components from feeders and place them onto PCBs with pinpoint precision. The high-speed operation is complemented by robust mechanical design and intelligent motion control systems, ensuring minimal errors and consistent performance even during prolonged production runs. This makes the machine ideal for high-volume manufacturing environments where speed and reliability are paramount.

One of the key features setting this Fastest Pick And Place Machine apart is its user-friendly interface. Equipped with a responsive touchscreen that supports multiple languages, the machine offers an intuitive control system accessible to operators worldwide. This multi-language support eliminates language barriers, simplifying training processes and reducing human errors. In addition, the machine accepts input from a traditional keyboard and mouse, providing flexible options for data entry, programming, and troubleshooting, thereby enhancing operational convenience and accessibility.

Designed as an ETPU Machine, the Fastest Pick And Place Machine incorporates cutting-edge electronic and mechanical integration technology that optimizes pick and place functions. ETPU (Enhanced Timing Processing Unit) technology ensures synchronized movement and real-time adjustments, further boosting the machine's precision and speed. This makes it an excellent choice for manufacturers seeking to upgrade their production line with the latest advancements in SMT technology.

The Fastest Pick And Place Machine is also compatible with FUJI Pick And Place Machine components and accessories, allowing seamless integration into existing SMT production setups that utilize FUJI technology. This compatibility offers manufacturers the flexibility to scale their production capabilities without the need for extensive retooling or investment in entirely new systems. By combining the strengths of FUJI's proven technology with the innovative features of the Fastest Pick And Place Machine, users can achieve remarkable improvements in efficiency and product quality.

As part of a comprehensive range of SMT machine-related products, the Fastest Pick And Place Machine is engineered to meet the demanding standards of modern electronics manufacturing. Its robust construction, advanced control systems, and versatile component handling capabilities make it an indispensable tool for any SMT production line. Whether your focus is on rapid prototyping, medium-scale production, or high-volume manufacturing, this machine delivers consistent results that meet the highest quality standards.

In summary, the Fastest Pick And Place Machine stands out as a premier solution in the SMT equipment market. Its impressive 34-head configuration, support for a wide range of component sizes including 0201 to 15*15MM packaging, and user-friendly touchscreen interface with multi-language support combine to offer unmatched operational efficiency. The inclusion of input devices such as keyboard and mouse further enhances the ease of use. As an ETPU Machine compatible with FUJI Pick And Place Machine systems, it represents the latest in pick and place technology, designed to accelerate production, improve accuracy, and reduce downtime. For manufacturers looking to elevate their SMT processes, this machine is an indispensable asset that embodies innovation, reliability, and performance.

Features:

Product Name: Fastest Pick And Place Machine

Component Height: ≤10mm

Power Supply: 220V AC, 50/60Hz

Height: 1600mm

Width: 2300mm

Head Number: 34PCS

Features High Speed VMC Machine technology for rapid and precise operation

Incorporates Fast Freezer Machine capabilities to enhance component handling speed

Designed as a High Speed VMC Machine to ensure maximum productivity and efficiency

Technical Parameters:

Product Name	Fastest Pick And Place Machine
Components	0201~15*15MM Packaging Material
Application	SMT Production Line
Head Number	34PCS
Width	2300mm
User Interface	Touchscreen With Multi-language Support
Power Supply	220V AC, 50/60Hz
Head	34
Type	SMT Machine Related Products
Component Height	≤10mm

Applications:

The Fastest Pick and Place Machine is an advanced piece of equipment designed to optimize manufacturing processes in various industries. With its impressive input devices including a keyboard and mouse, operators can easily control and program the machine with precision and efficiency. Measuring 2300mm in width, this machine is compact enough to fit seamlessly into existing production lines while providing a robust workspace for handling components.

One of the primary applications of this machine is in electronic assembly lines where speed and accuracy are paramount. It can handle components with a height of up to 10mm, making it ideal for placing a wide variety of electronic parts onto printed circuit boards (PCBs). The machine features 34 heads, allowing simultaneous placement of multiple components, which significantly enhances throughput and reduces cycle time.

Operating on a standard 220V AC power supply with a frequency of 50/60Hz, the machine is suitable for global industrial environments. Its compatibility with common power standards ensures easy integration without the need for specialized electrical setups.

The Fastest Pick and Place Machine is especially valuable in scenarios involving Flip Flop Machines, Board Grooving Machines, and Automatic Slotting Machines. In production lines where flip flop machines are used for assembling double-sided PCBs, this pick and place machine ensures rapid and accurate component placement on both sides, improving efficiency and product quality. When paired with board grooving machines, it facilitates the handling and placement of components on grooved or specially cut boards, maintaining precision despite complex board geometries.

Moreover, in environments utilizing Automatic Slotting Machines for creating slots or cutouts in boards, the Fastest Pick and Place Machine seamlessly integrates to place components accurately around these slots, ensuring that the final assembly meets stringent design requirements. This synergy between machines streamlines the entire manufacturing process, reducing manual intervention and minimizing errors.

In summary, the Fastest Pick and Place Machine is an indispensable tool for modern manufacturing settings that demand high-speed, high-precision component placement. Its compatibility with flip flop machines, board grooving machines, and automatic slotting machines makes it a versatile and powerful addition to any production line, capable of boosting productivity and ensuring consistent quality.

Customization:

Our Fastest Pick And Place Machine can be fully customized to meet your production needs. With a width of 2300mm, it is designed to fit seamlessly into your existing assembly line. The machine supports components ranging from 0201 to 15*15MM packaging material, ensuring versatility for various applications. Featuring 34PCS heads, this Automatic Pick & Place Machine delivers exceptional speed and efficiency, making it an ideal choice for high-volume production environments. The placement accuracy of ± 0.02 mm guarantees precise component positioning, reducing errors and improving product quality. Despite its powerful performance, the machine maintains a low power consumption of just 5KW, optimizing energy use. Whether you are looking for a High Speed Paper Cup Machine or an Automatic Pick & Place Machine, our customizable Fastest Pick And Place Machine offers reliable performance tailored to your specific requirements.

Support and Services:

Our Fastest Pick And Place Machine is designed to deliver unparalleled speed and precision for your assembly line needs. To ensure optimal performance, we provide comprehensive technical support and services tailored to your specific requirements.

Technical Support:

Our expert team is available to assist with installation, calibration, troubleshooting, and maintenance of your Fastest Pick And Place Machine. We offer detailed user manuals, video tutorials, and remote diagnostics to quickly resolve any issues you may encounter.

Services:

We provide on-site training sessions to help your operators maximize machine efficiency and safety. Regular maintenance packages are available to keep your equipment running smoothly and to minimize downtime. Additionally, we offer software updates and hardware upgrades to keep your machine at the cutting edge of technology.

For customized solutions, including integration with existing production lines and specialized tooling, our engineers work closely with your team to deliver tailored services that meet your unique production goals.

Trust our dedicated support and service network to keep your Fastest Pick And Place Machine operating at peak performance, ensuring high throughput and consistent product quality.



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