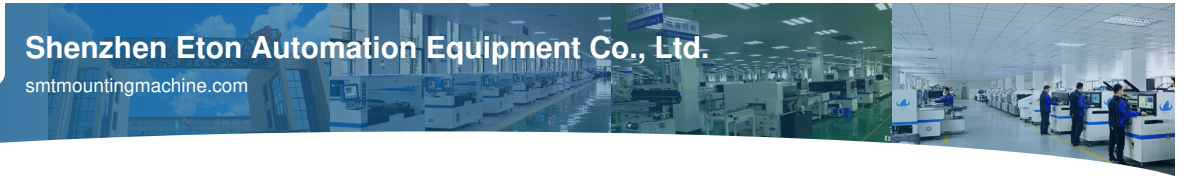




Shenzhen Eton Automation Equipment Co., Ltd.

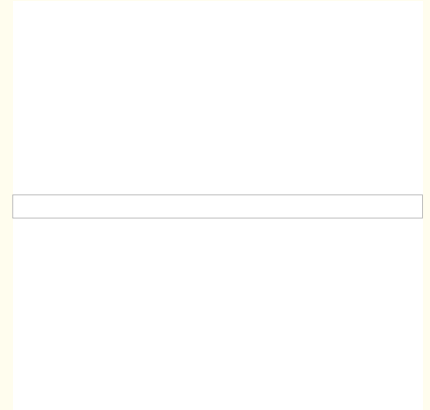
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Touchscreen With Multi-language Support Fastest Pick And Place Machine 34PCS Head Number For Placement 0201 To 15x15MM Packaging Material

Our Product Introduction

Basic Information



Product Specification

- Component Height: $\leq 10\text{mm}$
- Userinterface: Touchscreen With Multi-language Support
- Components: 0201~15*15MM Packaging Material
- Application: SMT Production Line
- Productname: Fastest Pick And Place Machine
- Powersupply: 220V AC, 50/60Hz
- Input Device: Keyboard ,mouse
- Placementaccuracy: $\pm 0.02\text{ Mm}$

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Product Description

Product Description:

The Fastest Pick And Place Machine is a cutting-edge Automatic Pick & Place Machine designed to meet the high-speed and high-precision demands of modern electronics manufacturing. Engineered with advanced technology, this machine delivers exceptional performance, making it an indispensable asset for production lines requiring rapid and accurate component placement. Specifically optimized for handling components ranging from 0201 up to 15*15MM packaging material, it offers remarkable versatility in component size compatibility, catering to a wide variety of assembly needs.

One of the standout features of this Fastest Pick And Place Machine is its impressive head configuration. Equipped with 34PCS high-speed placement heads, it ensures simultaneous multi-point placement, dramatically increasing throughput and efficiency. This multi-head design not only accelerates production but also maintains precise alignment and positioning, reducing the likelihood of errors and rework. The heads are finely calibrated to handle delicate components with care, making it suitable for complex and sensitive assemblies.

With a machine width of 2300mm and a height of 1600mm, the compact footprint of this Automatic Pick & Place Machine enables it to fit seamlessly into existing production environments without requiring extensive space modifications. Its streamlined design emphasizes both functionality and ergonomics, allowing operators to perform maintenance and adjustments with ease. Despite its relatively modest size, this machine packs a powerful punch in terms of processing capability and versatility.

Power consumption is a critical factor in industrial manufacturing equipment, and the Fastest Pick And Place Machine excels in energy efficiency. Consuming only 5KW of power, it balances high performance with low operational costs, making it an economical choice for factories aiming to reduce their energy footprint without compromising on output. This efficiency is achieved through intelligent control systems and optimized mechanical components that minimize waste and maximize productivity.

In addition to its speed and precision, the machine incorporates the latest innovations in flip flop technology, commonly referred to as Flip Flop Machine functionality. This feature allows for rapid flipping and repositioning of components during the placement process, enhancing flexibility and expanding the range of applications. The Flip Flop Machine capability ensures that even the most complex board designs and component orientations can be handled with ease, boosting overall production agility.

For manufacturers seeking reliability and proven performance, this machine is an excellent alternative or complement to the renowned FUJI Pick And Place Machine series. While FUJI machines are well known for their high quality and precision, the Fastest Pick And Place Machine offers competitive advantages in speed, component versatility, and energy consumption. Its advanced features and robust construction make it a formidable contender in the market, delivering exceptional value and return on investment.

In summary, the Fastest Pick And Place Machine stands out as a premier Automatic Pick & Place Machine tailored for modern electronics assembly. Its ability to handle small to medium-sized components from 0201 to 15*15MM packaging material, combined with 34PCS placement heads, ensures unmatched speed and accuracy. The machine's footprint of 2300mm in width and 1600mm in height fits well within production lines, while its modest 5KW power consumption makes it both efficient and cost-effective. Incorporating Flip Flop Machine technology enhances its flexibility, and its competitive positioning relative to FUJI Pick And Place Machines makes it a top choice for manufacturers aiming to boost productivity without sacrificing quality. This machine truly represents the future of automated component placement.

Features:

- Product Name: Fastest Pick And Place Machine
- Width: 2300mm
- Height: 1600mm
- Power Supply: 220V AC, 50/60Hz
- Head Number: 34 PCS
- Head: 34
- High-speed operation suitable for Fast Freezer Machine integration
- Automatic Pick & Place Machine functionality for efficient handling
- Compatible with Bottom Packing Machine systems
- Designed for maximum precision and reliability in pick and place tasks

Technical Parameters:

Product Name	Fastest Pick And Place Machine
Head Number	34PCS
Width	2300mm
Height	1600mm
Power Supply	220V AC, 50/60Hz
Power Consumption	5KW
Placement Accuracy	±0.02 mm
User Interface	Touchscreen With Multi-language Support
Application	SMT Production Line
Software Compatibility	Supports Major CAD And PCB Design Software

Applications:

The Fastest Pick And Place Machine is an essential SMT machine related product designed to significantly enhance production efficiency in various electronic manufacturing environments. With a width of 2300mm and equipped with 34 high-precision heads, this advanced hardware packing machine is capable of handling components ranging from tiny 0201 sizes up to 15*15MM packaging materials, making it highly versatile for a broad range of applications.

This pick and place system is ideal for use in high-volume electronics assembly lines where speed and accuracy are paramount. It excels in scenarios requiring rapid placement of small and diverse components onto printed circuit boards (PCBs), supporting major CAD and PCB design software to ensure seamless integration into existing workflows. Its compatibility with popular software platforms allows engineers and operators to easily program and optimize the machine for complex assembly tasks.

In addition to traditional electronics manufacturing, the Fastest Pick And Place Machine can be utilized in hardware packing machine applications where precise component sorting and placement are critical. Its robust design and high-speed operation make it suitable for industries looking to increase throughput without compromising quality. Furthermore, the machine's capability to handle various packaging materials adds to its flexibility across different production requirements.

Interestingly, this machine's advanced technology also finds applications in fields like textile manufacturing, where it can be adapted as a high speed embroidery machine. By leveraging its precise movement and placement capabilities, manufacturers can achieve intricate embroidery patterns quickly and consistently, expanding the machine's utility beyond electronics.

Moreover, the Fastest Pick And Place Machine integrates well with ETPU machines, enabling enhanced production processes that combine electronic component placement with specialized packaging solutions. This synergy facilitates streamlined workflows in factories aiming to implement Industry 4.0 standards and smart manufacturing techniques.

Overall, the Fastest Pick And Place Machine is a versatile, high-performance solution suited for a variety of application occasions and scenarios including electronic assembly lines, hardware packing operations, embroidery production, and integrated manufacturing setups involving ETPU machines. Its combination of speed, precision, and software compatibility ensures it meets the demanding needs of modern industrial production environments.

Customization:

Our Fastest Pick And Place Machine is designed specifically for the SMT Production Line, ensuring seamless integration and enhanced productivity. This ASM Pick And Place Machine supports major CAD and PCB design software, allowing for easy customization and compatibility with your existing workflow. With a compact height of 1600MM and the ability to handle component heights up to ≤10mm, it offers precision and efficiency in every operation. Additionally, our product customization services include options tailored to optimize performance for High Speed V Grooving Machines, making it the ideal choice for modern electronics manufacturing.

Support and Services:

Our Fastest Pick And Place Machine is supported by a dedicated technical support team committed to ensuring optimal performance and reliability. We provide comprehensive installation guidance, routine maintenance schedules, and troubleshooting assistance to minimize downtime and maximize productivity.

Technical support includes software updates, hardware diagnostics, and remote assistance to quickly resolve any operational issues. Our experts are trained to help you optimize machine settings for various component sizes and placements, ensuring precision and speed in your manufacturing process.

In addition to support services, we offer on-site training sessions to help your staff become proficient in operating and maintaining the machine. Customized service plans are available to suit your specific production needs, including preventive maintenance and emergency repair services.

We are committed to providing continuous improvements and upgrades to keep your Fastest Pick And Place Machine at the forefront of technology, ensuring that your investment delivers maximum value over its lifecycle.



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