



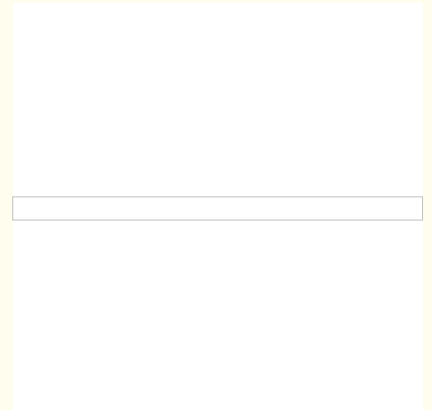
Shenzhen Eton Automation Equipment Co., Ltd.

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34 Head Desktop SMT Pick And Place Machine With Mouse Input Device Offering Precision And Speed In Electronics Assembly

Our Product Introduction

Basic Information



Product Specification

- Softwarecompatibility: Supports Major CAD And PCB Design Software
- Userinterface: Touchscreen With Multi-language Support
- Productname: Fastest Pick And Place Machine
- Height: 1600MM
- Components: 0201~15*15MM Packaging Material
- Power Consumption: 5KW
- Type: SMT Machine Related Products
- Head: 34

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Product Description:

The Fastest Pick And Place Machine is an advanced Automatic Pick & Place Machine designed to meet the highest standards of precision and efficiency in modern manufacturing environments. Engineered with cutting-edge technology, this machine offers exceptional placement accuracy of ± 0.02 mm, ensuring that every component is positioned perfectly every single time. This level of precision is crucial for industries where even the slightest deviation can impact the overall quality and functionality of the final product. One of the standout features of this Automatic Pick & Place Machine is its impressive width of 2300mm, which provides ample space for handling a wide variety of components and circuit boards. This generous width enhances the machine's versatility, making it suitable for both small-scale and large-scale production lines. Whether you are working with compact, intricate assemblies or larger boards, the machine's spacious design accommodates your needs efficiently.

The Fastest Pick And Place Machine is equipped with 34 heads, significantly boosting its operational speed and throughput. This multi-head configuration allows simultaneous placement of multiple components, drastically reducing cycle times and increasing overall productivity. Manufacturers seeking to optimize their production processes will find this feature particularly valuable, as it minimizes downtime and maximizes output without compromising accuracy.

Compatibility is another key advantage of this machine. It supports major CAD and PCB design software, enabling seamless integration with your existing design and production workflows. This software compatibility simplifies the transition from design to manufacturing, eliminating the need for complex data conversions or additional programming. Users can easily import their design files directly into the machine's control system, streamlining the entire production process.

In addition to its technical capabilities, the Fastest Pick And Place Machine operates on a standard power supply of 220V AC, 50/60Hz. This ensures compatibility with global electrical standards, making it a versatile choice for manufacturers worldwide. The reliable power supply contributes to the machine's stable performance, allowing continuous operation during extended production runs.

Beyond its primary function as an Automatic Pick & Place Machine, the Fastest Pick And Place Machine also incorporates features inspired by High Speed Quilting Machines, emphasizing speed and precision in its operations. This innovative blend of technologies results in a machine that not only meets but exceeds industry expectations for speed, accuracy, and reliability. The integration of quilting machine principles enhances the machine's ability to handle complex placement tasks with remarkable efficiency.

Designed with user-friendliness in mind, the machine's interface is intuitive and easy to navigate, reducing the learning curve for operators and technicians. Maintenance is straightforward, with accessible components and comprehensive support documentation, ensuring minimal downtime and sustained performance. This focus on usability makes it an ideal investment for manufacturers looking to enhance their production capabilities without extensive training requirements.

In summary, the Fastest Pick And Place Machine stands out as a premier Automatic Pick & Place Machine that delivers unparalleled speed, precision, and versatility. Its ± 0.02 mm placement accuracy, 2300mm width, 34-head configuration, broad software compatibility, and standard 220V power supply collectively contribute to a robust solution tailored for modern manufacturing demands. Whether you are upgrading an existing production line or establishing a new one, this machine offers the reliability and performance necessary to achieve superior results consistently.

Features:

- Product Name: Fastest Pick And Place Machine
- Head: 34
- Type: SMT Machine Related Products
- Power Consumption: 5KW
- Placement Accuracy: ± 0.02 Mm
- Height: 1600MM
- High-speed operation for efficient PCB assembly
- Compatible with Board Grooving Machine and Automatic Slotting Machine
- Advanced Automatic Pick And Place Machine technology for precise component placement
- Robust design ensuring stability and durability
- User-friendly interface for easy operation and programming

Technical Parameters:

Product Name	Fastest Pick And Place Machine
Type	SMT Machine Related Products
Application	SMT Production Line
Placement Accuracy	± 0.02 Mm
Component Height	≤ 10 mm
Head Number	34PCS
Width	2300mm
Height	1600MM
Power Supply	220V AC, 50/60Hz
User Interface	Touchscreen With Multi-language Support

Applications:

The Fastest Pick And Place Machine is an advanced solution designed to optimize electronic assembly processes across various industries. Equipped with 34 precision heads, this Desktop SMT Pick And Place Machine ensures unparalleled speed and accuracy, making it ideal for high-volume production environments where efficiency is paramount. Its compact height of 1600MM allows it to fit seamlessly into modern production lines without occupying excessive space.

This Automatic Pick & Place Machine is perfectly suited for occasions that demand rapid component placement with minimal error rates. Electronics manufacturers producing circuit boards for consumer electronics, automotive components, medical devices, and telecommunications equipment will find this machine indispensable. The ability to handle multiple components simultaneously with its 34 heads drastically reduces assembly time, enabling faster turnaround and increased throughput.

In scenarios where flexibility and user-friendly operation are crucial, the Fastest Pick And Place Machine shines with its input device compatibility, featuring both keyboard and mouse controls. This facilitates easy programming, adjustments, and monitoring, allowing operators to quickly adapt to different product specifications and assembly requirements. Additionally, the machine's power consumption is optimized at 5KW, balancing high performance with energy efficiency to reduce operational costs.

Production facilities aiming to enhance their SMT assembly lines will benefit immensely from integrating this Desktop SMT Pick And Place Machine. Whether it's for prototyping new designs, medium-scale production, or mass manufacturing, the machine's rapid placement capability ensures that production deadlines are consistently met without compromising quality. Its automatic operation minimizes human intervention, reducing the risk of manual errors and increasing overall reliability.

Furthermore, the Fastest Pick And Place Machine is ideal for research and development labs, small electronics workshops, and large-scale factories alike. It supports a wide range of component sizes and types, making it versatile enough to handle diverse assembly tasks. By incorporating this Automatic Pick & Place Machine into their workflow, companies can significantly enhance productivity, ensure precise component placement, and maintain competitive advantage in fast-paced markets.

Customization:

Our Fastest Pick And Place Machine, a top-tier SMT Machine Related Product, offers exceptional Product Customization Services tailored to meet your specific manufacturing needs. Featuring a user-friendly touchscreen with multi-language support, this machine ensures smooth operation and easy integration into diverse production environments.

With an outstanding placement accuracy of ± 0.02 mm, it guarantees precision in handling components ranging from 0201 to 15*15MM packaging material, making it ideal for high-precision assembly tasks. The machine's efficient power consumption of just 5KW reflects its advanced energy-saving design.

Whether you're looking to optimize your High Speed Paper Cup Machine line or enhance your Hardware Packing Machine operations, our Fastest Pick And Place Machine is engineered to provide reliable, high-speed performance. Its versatility and customization options make it a perfect fit for various hardware packing machine applications, ensuring increased productivity and quality.

Support and Services:

Our Fastest Pick And Place Machine is designed to deliver exceptional speed and precision for your manufacturing needs. To ensure optimal performance and longevity of your machine, we offer comprehensive technical support and services.

Our support team is equipped to assist you with installation, setup, and troubleshooting to minimize downtime and maximize productivity. We provide detailed user manuals, instructional videos, and software updates to keep your equipment running smoothly.

Maintenance services are available to help maintain the machine's accuracy and efficiency. Regular calibration, part replacement, and system diagnostics are performed by our certified technicians to prevent unexpected failures.

In addition, we offer training programs tailored to your staff, ensuring they are proficient in operating and maintaining the Fastest Pick And Place Machine. Customized service plans can also be arranged to suit your specific operational requirements.

For any technical inquiries or service requests, our dedicated support team is ready to assist you promptly and professionally, ensuring your production line remains efficient and uninterrupted.



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