



High Precision M6S FUJI SMT Pick And Place Machine For PCB Assembly

Our Product Introduction

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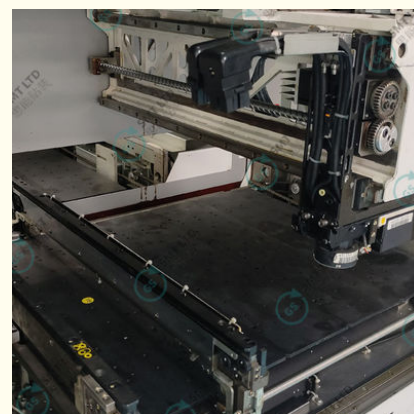
Basic Information

- Place of Origin: Japan
- Brand Name: FUJI
- Model Number: M6S
- Minimum Order Quantity: 1 pcs
- Price: USD+negotiable+pcs
- Packaging Details: 1800*1800*2100mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Model: M6S
- Series: Fuji NXT Series
- Category: SMT Pick-and-place Machine
- Accuracy: ± 0.025 Mm (with Advanced Vision Recognition System)
- Repeatability: Highly Consistent With Advanced Servo Motors And Control Systems
- Component Size Range: From 01005 Chips (0.4 X 0.2 Mm) To Large, Odd-shaped Components Up To 74 Mm X 74 Mm
- Component Types: Can Handle A Wide Variety Of Components, Including Resistors, Capacitors, ICs, And Large Odd-form Components.
- Configurable Modules: The M6S Offers A Modular Architecture, Allowing For Flexibility In Machine Configuration According To Production Needs
- Scalability: Additional Modules Can Be Added To



More Images



Product Description

The FUJI NXT M6S is part of FUJI's NXT series of high-performance SMT (Surface Mount Technology) machines. It is designed for high-speed, precision component placement, ideal for modern electronics manufacturing. Here's an overview of its functions and features:

Key Functions:

1. High-Speed Component Placement:

- The NXT M6S is capable of placing a wide variety of components at high speeds, from small chip components to larger, more complex parts.

2. Flexible Production Capabilities:

- It supports a wide range of PCB sizes and shapes, making it suitable for both small and large-scale production runs.

3. Modular Design:

- The machine has a modular setup, allowing you to customize the configuration according to your production needs. Modules can be easily added or removed to meet production demands.

4. Smart Nozzle Features:

- Equipped with intelligent nozzles, the M6S can automatically change nozzles depending on the component being placed. This improves accuracy and reduces setup times.

5. Multi-Function Heads:

- Its placement heads are designed to handle multiple component types and sizes, reducing the need for multiple machines and increasing efficiency.

6. High Precision Vision System:

- The M6S incorporates advanced vision systems for precise alignment and placement of components, ensuring quality control and minimizing errors.

Key Features:

1. Compact Size:

- Despite its capabilities, the M6S is designed to take up minimal floor space, making it suitable for manufacturers with limited space.

2. High Component Variety:

- It supports a large range of components, from 01005 size chips to larger components, such as ICs or connectors.

3. Auto-Calibration:

- The machine can automatically calibrate itself for optimal performance, which reduces manual setup time and increases production throughput.

4. Reduced Downtime:

- Quick changeover features and the modular design allow for reduced downtime between production runs, optimizing operational efficiency.

5. User-Friendly Interface:

- The M6S comes with an intuitive graphical user interface, making it easier for operators to program and control the machine.

6. Energy Efficiency:

- FUJI emphasizes energy-saving features in the NXT series, making it more eco-friendly compared to older models.

This machine is ideal for manufacturers who need flexibility, high precision, and fast turnaround in SMT production. Would you like more detailed technical specifications or guidance on integrating it into your production line?

