



Fuji NXT M3II SMT Pick and Place Machine with 130 Feeders

Our Product Introduction

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Basic Information

- Place of Origin: Japan
- Brand Name: FUJI
- Model Number: NXT M3II
- Minimum Order Quantity: 1 pcs
- Price: USD+negotiable+pcs
- Packaging Details: 1700*1700*2100mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days

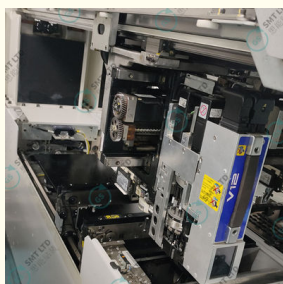


Product Specification

- Model: M3II
- Series: Fuji NXT Series
- Category: SMT (Surface Mount Technology) Pick-and-place Machine
- Accuracy: ± 0.03 Mm (placement Precision, Using Vision Recognition)
- Type: Intelligent, Automatic, And Manual Exchangeable Feeder System
- Number Of Feeders: Supports Up To 130 Feeders Per Module Depending On Configuration
- Feeder Types: Tape Feeders, Tray Feeders, Bulk Feeders, And Stick Feeders
- Maximum PCB Size: 508 Mm X 610 Mm (with Dual-lane Configuration)
- Minimum PCB Size: 50 Mm X 50 Mm
- PCB Thickness: Supports A Wide Range Of PCB Thicknesses From 0.3 Mm To 4.0 Mm



More Images



Product Description

FUJI NXT M3II High Speed SMT PCB Manufacturing Pick And Place PCB Assembly Equipment

The FUJI NXT M3II is a high-performance, modular SMT (Surface Mount Technology) pick-and-place machine widely used in electronics manufacturing for mounting components on printed circuit boards (PCBs).

Machine Functions

- High-Speed Placement:** Capable of placing a wide range of components at high speed with precision, from microchips to larger components.
- Modular Configuration:** Part of Fuji's NXT series, allowing customizable modules based on production needs for scalability and flexibility.
- Multi-Nozzle Heads:** Equipped with multiple nozzles enabling simultaneous handling of different components for increased efficiency.
- Component Versatility:** Handles both standard surface-mount devices (SMDs) and odd-shaped components for broad application range.
- Automatic Feeder Exchange:** Supports automatic and manual feeder exchange to reduce downtime and enhance productivity.
- Camera Inspection:** Uses vision system with cameras to align components accurately and verify placement before soldering.
- Inline Operation:** Designed for production line integration with other SMT machines for continuous PCB assembly.
- Placement Accuracy:** Advanced control and vision systems ensure precise component placement on PCBs.

Key Features

- Compact Design:** Space-efficient footprint ideal for production lines.
- Smart Factory Compatibility:** Supports Industry 4.0 technologies including data collection and process optimization.
- User-Friendly Interface:** Intuitive controls for quick setup and production monitoring.
- Intelligent Feeders:** Quick recognition of component types minimizes selection errors.
- Multi-Function Heads:** Interchangeable heads perform various functions including component recognition and placement.
- Quick Changeover:** Fast adaptation between different PCB assembly types.
- Energy Efficiency:** Advanced control systems optimize power consumption for cost savings.

Additional Capabilities

- Dual Lane Configuration:** Parallel production setup for different PCBs enhances throughput.
- PCB Handling:** Flexible options support both large and small boards for various design requirements.

The FUJI NXT M3II is favored for its adaptability, high speed, and precision, making it ideal for large-scale PCB manufacturing in industries like automotive, consumer electronics, and telecommunications.



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