



Siemens F5HM Pick and Place Machine 8000 CPH 80 Feeder Capacity

Our Product Introduction

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Basic Information

- Place of Origin: China/Japan
- Brand Name: ASM/SIEMENS
- Model Number: F5HM
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 2100*3000*1800mm
- Delivery Time: 5-15 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days

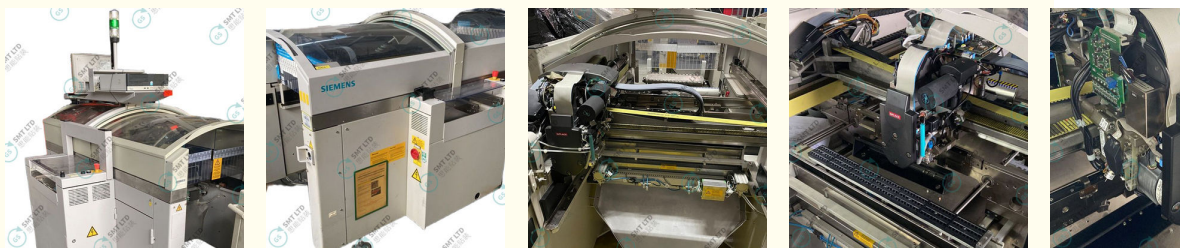


Product Specification

- Range Of Components Standard Vision Module: 0603 To 55 * 55mm
- Range Of Components DCA Vision Module: 0.5x0.25 Mm To 55x 55 Mm
- Benchmark Placement Rate 8,000 Cph 6-nozzle-revolver Head:
- Benchmark Placement Rate 1,800 Cph Pick & Place Head:
- Feeder Capacity: Max.80 X 8 Mm Tracks
- Types Of Feeder Modules: Tapes, Stick Magazines,Bulk Cases
- Operating System: Microsoft Windows / RMOS
- Connection: In-line Or Standalone
- Highlight: **F5HM Pick and Place Machine, Siemens Pick and Place Machine**



More Images



Product Description

Maximizing Efficiency in Electronics Manufacturing with the Siemens F5HM Pick and Place Machine

The Siemens F5HM Pick and Place Machine is a cornerstone of modern surface mount technology (SMT) assembly lines, renowned for its precision and efficiency. This advanced machine revolutionizes the manufacturing process across various industries with its exceptional performance capabilities.

Our Product



Key Features of the Siemens F5HM Pick and Place Machine

High-Speed Performance

- Placement Speed: Up to 1800 components per hour (CPH) for rapid production cycles
- Optimized for high-volume production with minimal downtime

Advanced Placement Heads

- Configurable with 12-nozzle or 6-nozzle placement heads for versatile component handling
- Integrated IC head for precise placement of integrated circuits

Superior Accuracy

- $\pm 70\mu\text{m}$ placement accuracy at 4 sigma for exact component positioning
- Real-time monitoring systems maintain consistent quality control

Flexible Component Handling

Capable of processing components ranging from small chip resistors to large integrated circuits, making it suitable for diverse applications.

User-Friendly Interface

Intuitive software interface reduces operator training time and enhances overall productivity.

Benefits of the Siemens F5HM Machine

- Increased Productivity:** High-speed operation significantly boosts output without compromising quality
- Cost Efficiency:** Reduces errors and rework through precise placement, lowering production costs
- Versatility:** Adaptable for both prototyping and mass production requirements
- Quality Assurance:** Real-time monitoring ensures consistent product quality

Industry Applications

- Electronics Manufacturing:** Assembly of smartphones, tablets, and consumer electronics
- Automotive Industry:** Production of circuit boards for vehicle electronic components
- Telecommunications:** Assembly of high-density PCBs for routers and modems

Frequently Asked Questions

What is the maximum speed of the Siemens F5HM Machine?

The maximum speed is up to 1800 components per hour (CPH).

What types of components can the F5HM handle?

It can handle a wide range of components from small chip resistors to larger integrated circuits.

How accurate is component placement with the Siemens F5HM?

The placement accuracy is $\pm 70\mu\text{m}$ at 4 sigma.

Is the Siemens F5HM suitable for low-volume production?

Yes, its versatility allows effective use for both low-volume and high-volume production runs.

What industries benefit from using the Siemens F5HM?

It is widely used in electronics manufacturing, automotive industry, and telecommunications.

PCB Assembly, Automated Component Placement, Advanced Feeder Systems, Electronics Manufacturing Solutions, Modular SMT Equipment, Component Mounting Accuracy, Flexible PCB Handling, High-Performance SMT Machines, Digital Vision Systems, Industry 4.0 Automation, Multi-Head Placement Technology, Efficient Production Lines, Component Range Specifications, Real-Time Quality Control, Cost-Effective Manufacturing Solutions, User-Friendly Interface, High-Volume Production Systems



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