



Siemens HF3 Pick and Place Machine 40000 CPH 60 Micron Accuracy

Our Product Introduction

for more products please visit us on smtmachine-spareparts.com

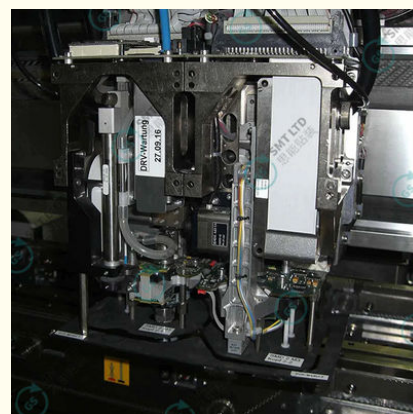
Basic Information

- Place of Origin: Germany
- Brand Name: ASM/SIEMENS
- Model Number: HF3
- 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

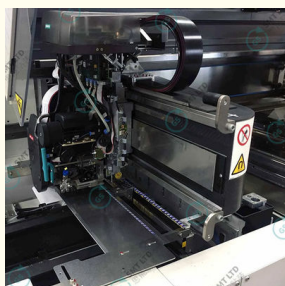


Product Specification

- HF3 Material Station: 180
- HF3 Patch Head: 3 X-Y Axis Cantilevers
- HF3 Production Year: 2004-2006
- HF3 Placement Speed: 40000/H
- HF3 Placement Accuracy: ± 60 Micron Standard, ± 55 Micron DCA, $\pm 0.7^\circ/(4\sigma)$
- Condition: Original New/Used Original
- Highlight: HF3 Pick and Place Machine



More Images



Product Description

SMT Siemens HF3 Pick and Place Machine

Enhancing Production Efficiency

The Siemens HF3 Pick and Place Machine is a pivotal tool in surface mount technology (SMT), designed to streamline printed circuit board (PCB) assembly. This high-performance machine delivers exceptional speed and precision for modern electronics manufacturing.

Key Features

- **High-Speed Performance:** Achieves up to 40,000 components per hour (CPH) theoretical speed with practical operation around 30,000 CPH
- **Superior Accuracy:** ± 60 micron standard placement accuracy, reaching ± 55 microns under optimal conditions
- **Versatile Component Handling:** Accommodates components from 01005 chips to 100g flip chips and CCGAs
- **Flexible PCB Sizes:** Supports 50x50mm to 610x508mm (single-track) or 50x50mm to 450x250mm (dual-track)
- **Advanced Vision System:** 'Theta' camera technology ensures precise component orientation and placement

Global Soul Limited

sales@gs-smt.com



Operational Benefits

- Increases production efficiency with high-speed capabilities
- Reduces costs by minimizing errors and rework
- Enhances quality control with real-time monitoring
- Features intuitive software interface for easy operation

Industry Applications

- Electronics manufacturing (smartphones, tablets, consumer electronics)
- Automotive industry (vehicle sensors, infotainment systems)
- Telecommunications (routers, modems, high-density PCBs)

Frequently Asked Questions

What is the maximum speed of the Siemens HF3 Machine?

Theoretical speed up to 40,000 CPH with practical operation around 30,000 CPH.

What types of components can the HF3 handle?

From 01005 chip resistors to 100g flip chips and CCGAs.

How accurate is component placement?

±60 microns standard, reaching ±55 microns under optimal conditions.

Is the HF3 suitable for low-volume production?

Yes, it's versatile for both low-volume and high-volume production.

Conclusion

The Siemens HF3 Pick and Place Machine leads in SMT technology with exceptional speed, accuracy, and versatility. Its advanced capabilities make it essential for modern manufacturing environments.

SMT Siemens HF3 Pick and Place Machine | GSSMT, Siemens HF3 Machine, High-Speed SMT Placement, Precision Component Assembly, Automated PCB Assembly, Electronics Manufacturing Equipment, SMT Production Solutions, Versatile Pick and Place Technology, High-Performance SMT Machines, PCB Size Compatibility, Component Mounting Accuracy, Advanced Vision Systems, Dual Lane Placement Technology, Flexible Manufacturing Systems, High-Volume Production Lines, Cost-Effective SMT Solutions, User-Friendly Interface, Real-Time Quality Control, Industry 4.0 Automation, Compact SMT Equipment, Component Range Specifications



Global Soul Limited



+8613728696610



liyi@gs-smt.com



smtmachine-spareparts.com

Room F3B-016, B Block, Hao Yun Lai Bussiness Building, Liutang road , Bao'an District , Shenzhen, China