



Siemens D4i SMT Placement Machine with 57000 CPH Speed for 610×508 mm PCBs and 3HP/AC200V/3.3KVA Power

Our Product Introduction

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Basic Information

- Place of Origin: Germany
- Brand Name: ASM/SIEMENS
- Model Number: D4i
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 2100*2800*1800mm
- Delivery Time: 5-15 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Placement Head Model C&P12/C&P12
- Placement Area 1:
- Placement Head Model C&P12/C&P12
- Placement Area 2:
- Placement Speed (CPH) 57000
- IPC Value:
- PlacePlacement Speed (CPH) Benchmark 66000
- Valuement Speed (CPH):
- Placement Speed (CPH) 81500
- Theoretical Value:
- Component Height(mm): 6
- Component Dimensions (mm) mm : 01005-18.7×18.7
- Placement Accuracy (mm)@3°: ±0.05
- Component Feeding: 8mm/Max.148
- PCB Max (mm): 610..508



More Images



Product Description

Siemens D4i SMT Placement Machines - 3HP/AC200V/3.3KVA

The Siemens D4i Precision Pick and Place Machine represents a significant advancement in surface mount technology (SMT), engineered for high-speed component placement in modern electronics manufacturing.

Key Features & Specifications

Speed Performance	IPC speed: 57,000 cph Theoretical speed: 81,500 cph
Placement Accuracy	$\pm 50\mu\text{m}/3\sigma$ mounting precision
Placement Heads	Four gantries with four 12-nozzle Collect&Place heads
PCB Handling Range	50x50 mm ² to 610x508 mm ² Thickness: 0.3 mm to 4.5 mm
Component Range	01005 to 18.7x18.7 mm ²
Feeder Capacity	Up to 144 customizable feeders
Vision System	Digital imaging for real-time component verification

Operational Benefits

- Cost efficiency through maximized throughput and minimized errors
- Production flexibility for both high-volume and low-volume runs
- Intuitive software interface reduces operator training time
- Enhanced quality control throughout manufacturing process

Industry Applications

This versatile machine serves multiple sectors including electronics manufacturing (smartphones, tablets), automotive industry (vehicle circuit boards), and telecommunications (high-density PCB assembly).

Frequently Asked Questions

What is the maximum speed of the Siemens D4i Machine?

Maximum theoretical speed is 81,500 components per hour.

What types of PCBs can the D4i handle?

PCB sizes from 50x50 mm² to 610x508 mm².

How accurate is component placement?

Mounting accuracy of $\pm 50\mu\text{m}/3\sigma$ ensures precise placement.

Is the D4i suitable for low-volume production?

Yes, its flexibility accommodates both high-volume and low-volume production runs.

Siemens D4i Pick and Place Machine | GSSMT, Siemens D4i Machine, Precision Pick and Place, Surface Mount Technology, High-Speed SMT Machine, PCB Assembly Solutions, Automated Component Placement, SMT Equipment Manufacturer, Electronic Manufacturing Services, Advanced Placement Technology, Industry 4.0 Automation, High-Volume Production Systems, Flexible PCB Handling, Digital Imaging Systems, SMT Production Efficiency, Component Mounting Accuracy, Multi-Gantry Systems, High-Capacity Feeders, Real-Time Quality Control, Electronics Assembly Line, Cost-Effective Manufacturing Solutions