



## Siemens D4i Pick and Place Machine 57000 CPH 610x508mm PCB

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 66000
- (CPH) Benchmark
- 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 Pick and Place Machine

#### Unleashing Efficiency: The Siemens D4i Precision Pick and Place Machine

The Siemens D4i Precision Pick and Place Machine represents a significant advancement in surface mount technology (SMT), designed to enhance productivity and precision in modern manufacturing environments.

#### Introduction to Siemens D4i

Engineered for high-speed component placement, the Siemens D4i Machine is an essential tool for manufacturers seeking to optimize production lines. Capable of handling components from 01005 to 18.7x18.7 mm<sup>2</sup>, this machine meets the demanding requirements of electronics, automotive, and telecommunications industries.



#### Key Features of the Siemens D4i Machine

- High Speed and Precision:** IPC speed up to 57,000 cph (theoretical 81,500 cph) with mounting accuracy of  $\pm 50\mu\text{m}/3\sigma$
- Advanced Placement Heads:** Four gantries with four 12-nozzle Collect&Place heads for simultaneous operations
- Flexible PCB Handling:** Accommodates PCBs from 50x50 mm<sup>2</sup> to 610x508 mm<sup>2</sup> (thickness 0.3-4.5 mm)
- Enhanced Feeder Capacity:** Supports up to 144 customizable feeders
- Digital Imaging System:** Real-time component verification for quality control

#### Benefits of Using Siemens D4i

- Cost efficiency through maximized throughput and minimized errors
- Flexibility for both high-volume and low-volume production
- User-friendly interface reduces training time

#### Applications in Various Industries

- Electronics Manufacturing: Smartphones, tablets, and consumer electronics
- Automotive Industry: Vehicle circuit board components
- Telecommunications: High-density PCB assembly for communication devices

#### Frequently Asked Questions

##### What is the maximum speed of the Siemens D4i Machine?

The maximum theoretical speed is 81,500 components per hour.

**What types of PCBs can the D4i handle?**

It can accommodate PCBs ranging from 50x50 mm<sup>2</sup> to 610x508 mm<sup>2</sup>.

**How accurate is component placement with the D4i?**

The machine achieves a mounting accuracy of  $\pm 50\mu\text{m}/3\sigma$ .

**Can the D4i be used for low-volume production?**

Yes, its flexibility allows it to handle both high-volume and low-volume production runs effectively.

**What industries benefit from using the Siemens D4i?**

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

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

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