



Samsung SM471 SMT Placement Machine with 75,000 CPH Speed and Flying Vision Dual Gantry Chip Shooter

Our Product Introduction

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Basic Information

- Place of Origin: Japan
- Brand Name: Samsung
- Model Number: SM471
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 1750*1800*1550mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Alignment: Flying Vision
- Number Of Spindles: 2 Gantry X 10 Spindles/Head
- Gantry Placement Speed: 75,000 CPH (Optimum)
- Placement Accuracy: Chip $\pm 50\mu\text{m}$ (Cpk ≥ 1.0) (Based On The Standard Chips)
- Component Range 1: Chip 0402(01005)- $\text{E}14\text{mm}$ (H12mm)
- Component Range 2: IC, Connector (Lead Pitch 0.4mm)
- Component Range 3: BGA, CSP (Ball Pitch 0.4mm)
- Board Dimension (mm) 1: Minimum Order: 50(L) X 40(W)
- Board Dimension (mm) 2: Single Tool: 510(L) X 460(W)
- Board Dimension (mm) 3: Dual Tool: 460(L) X250(W)
- PCB Thickness: 0.38 – 4.2mm
- Utility-Power: AC200/ 208 / 220 / 240 / 380 / 415V (50/60Hz, 3Phase) Max. 5.0kVA
- Air Consumption: 0.5 -0.7MPa (5-7kgf/cm²) 50NI /min50NI /min
- Mass: Approx. 1,000kg



More Images



Product Description

Samsung SMT Placement Machine SM471 Flexible High Speed Chip Shooter

The Samsung SM471 Flexible High Speed Chip Shooter represents the pinnacle of chip mounting technology, delivering world-class performance and operational efficiency for modern PCB assembly lines.

Advanced Performance Features

- Dual gantry design with 10 spindles per head for maximum throughput
- Revolutionary flying vision technology for continuous operation
- World-leading chip mounting speed of 75,000 components per hour (CPH)
- On-the-Fly image recognition eliminates stopping during part pickup
- Minimized movement time between pickup and placement positions
- Near-zero recognition time for optimal cycle efficiency

Enhanced Operational Capabilities

The SM471 features automatic pickup position alignment between feeders to improve simultaneous pickup rates. Its electrically driven Samsung SM Feeder (SME) supports integrated use of 0603/2P/4P components with configurable supply speeds for enhanced stability.

Designed for maximum operational flexibility, the system allows mixed use with pneumatically driven SMN feeders, providing customers with versatile configuration options to meet diverse production requirements.

Technical Specifications

Placement Speed 75,000 CPH
Component Range 0402 to 14mm
Placement Accuracy ±50µm
Head Configuration Dual gantry, 10 spindles per head
Vision System On-the-Fly flying vision technology
Feeder Compatibility SME electric & SMN pneumatic feeders

Samsung SM471

Hanwha SM471

SMT Chip Shooter

High-Speed Moulder

PCB Assembly

Flying Vision

Dual Gantry

75,000 CPH

Placement Accuracy

SMT Production

Industrial Automation

Samsung SMT Solutions