



Samsung SM471 High Speed Chip Shooter 75000 CPH Dual Gantry

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) X 250(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 Pick And Place Machines SM471 Flexible High Speed Chip Shooter

Product Specifications

Attribute	Value
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)- $\leq 14\text{mm}$ (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) x 250(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/cm ²) 50NI /min50NI /min
Mass	Approx. 1,820kg

Product Description

The Samsung SM471 Flexible High Speed Chip Shooter delivers exceptional performance with its dual gantry design featuring 10 spindles per head and advanced flying vision technology. This innovative configuration achieves a remarkable chip mounting speed of 75,000 CPH, setting the industry standard for chip shooters in its class.

The machine incorporates proprietary On-the-Fly image recognition technology that enables component identification without stopping after pickup. This breakthrough significantly reduces movement time between pickup and placement positions while virtually eliminating recognition time, maximizing placement efficiency.

Automated pickup position alignment between feeders enhances simultaneous pickup rates

Electrically Driven Samsung SM Feeder (SME) supports integrated use of 0603/2P/4P components

Adjustable part supply speeds improve component handling stability

Compatible with both SM electrically driven feeders (SME) and pneumatically driven feeders (SMN) for operational flexibility



Samsung Pick And Place Machines SM471 Flexible High Speed Chip Shooter | GSSMT, Samsung SM471 specifications, Hanwha SM471 pick and place machine, Placement speed 75,000 CPH, Samsung SM471 features, SMT chip shooter, Flying vision technology, Dual gantry design, Component range 0402 to 14mm, High-speed SMT mounter, Placement accuracy $\pm 50\mu\text{m}$, Automated PCB assembly, Samsung SM471 reviews, SMT production efficiency, Feeder capacity for SM471, Industrial pick and place machines, Used Samsung SM471 for sale, High-precision electric feeder, PCB size compatibility for SM471, Samsung SMT solutions, Maintenance for Samsung SM471



Global Soul Limited

+8613728696610

liyi@gs-smt.com

smtmachine-sparesparts.com

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