



Hanwha SM485P Smart Hybrid Mounter with 4 Spindles x 1 Gantry 12,000 CPH Placement Speed and $\pm 30 \mu\text{m}$ IC Placement Accuracy

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Samsung
- Model Number: SM485P
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 1750*1750*2100mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Alignment: 4 Small Fix Camera + 1 Wide Fix Camera
- The Number Of Spindles: 4 Spindles X 1 Gantry
- Placement Speed: 12,000 CPH (Optimum)
- Placement Accuracy Chip: $\pm 50 \mu\text{m}$ @ Cpk ≥ 1.0
- Placement Accuracy IC: $\pm 30 \mu\text{m}$ @ Cpk ≥ 1.0
- Component Range Small Fix Camera: 0603 ~ $\square 22 \text{ Mm}$
- Component Range Wide Fix Camera: $\sim \square 55 \text{ Mm}$, L150 Mm
- Component Range Max. Height: 32 Mm (Standard), 42 Mm (Special Order *)
- PCB Size (mm) Min.: L50 X W40
- PCB Size (mm) Max.: $\sim \text{L460 X W400}$ (Standard); $\sim \text{L460 X W280}$ (Option), $\sim \text{L460 X W340}$ (Option), $\sim \text{L610 X W460}$ (Option)
- PCB Thickness (mm): 0.38 ~ 4.2
- Feeder Capacity: 120 Fe/112 Fe (Docking Cart)



More Images



Samsung Pick And Place Machine Smart Hybrid SMT Mounter HANWHA SM485P

Building on the success of the SM451 model, the Hanwha SM485P represents the next generation in high-precision multi-functional placement systems. Equipped with four Force Control Precision Heads, this advanced machine handles virtually any component type with exceptional accuracy and reliability.

Advanced Component Handling Capabilities

The SM485P demonstrates remarkable versatility in component placement, accommodating radial through-hole components, flip chips, COB (Chip-on-Board), POP (Package-on-Package), through-hole connectors, shield cans, and even unconventional items. For components that challenge traditional vacuum nozzles, the system employs specialized gripper nozzles to ensure secure handling.

Technical Specifications

Standard Component Height	Up to 32mm
Optional Height Capacity	Up to 44mm
Maximum Component Length	150mm
Placement Accuracy	$\pm 30\mu\text{m}@3\sigma/\text{QFP}$, $\pm 40\mu\text{m}@3\sigma/\text{Chip}$
Feeder Capacity	120 x 8mm
Machine Footprint	1650mm x 1690mm x 1485mm
Maximum Power Consumption	4.7KVA

Key Features

Gripper Nozzles for Connectors

Laser Alignment for Pin and Shield Components

Force Control Z-Axis Precision Head

Through-Hole Component Placement

Connector Placement Capability

0201 Component Recognition (Standard)

Advanced Vision System with 4 Small Cameras

Stage Camera for Large Component Alignment

Available Options

Lifted Lead Check Sensor

Board Height Sensor

Component Value Verifier (LCR Checker)

Intelligent Feeders

Multi Tray Feeders

SMART Feeders (Cut Strips)

Radial Feeder

Bowl Feeder

Designed specifically for odd-form capability and operational flexibility rather than maximum speed, the Hanwha SM485P provides manufacturers with a comprehensive solution for complex assembly requirements across diverse production environments.

Hanwha SM485P price, SM485P maintenance tips, Hanwha SM485P vs competitors, SM485P user manual, Hanwha assembly solutions, SM485P component placement technology, Hanwha SM485P troubleshooting



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