



Hanwha SM485P Pick and Place Machine 4 Spindles 12,000 CPH

Our Product Introduction

for more products please visit us on smtmachine-spareparts.com

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



Product Description

Samsung Pick And Place Machines Smart Hybrid Mounter HANWHA SM485P

Building on the success of the SM451, the Hanwha SM485P is a high-precision, multi-functional placement system featuring four Force Control Precision Heads. This advanced machine can place virtually any component, including radial through-hole, flip chip, COB, POP, through-hole connectors, shield cans, and other odd-form components.

The SM485P utilizes gripper nozzles for components that are difficult to pick with traditional vacuum nozzles. Standard configuration handles parts up to 32mm in height, with an optional upgrade available for components up to 44mm. The system employs four small cameras for on-the-fly alignment, while larger components (up to 150mm in length) are aligned using the stage camera.

Key Features

- Gripper nozzles for connector placement
- Laser alignment for pin and shield can components
- Force Control Z-Axis precision heads
- Through-hole component placement capability
- 0201 component recognition (standard)
- 120 x 8mm feeder capacity
- High placement accuracy: $\pm 30\mu\text{m}/3\sigma/\text{QFP}$, $\pm 40\mu\text{m}/3\sigma/\text{Chip}$
- Compact footprint: 1650mm x 1690mm x 1485mm
- Maximum power consumption: 4.7KVA

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

Global Soul Limited sales@gs-smt.com



Samsung Pick And Place Machines Smart Hybrid Mounter HANWHA SM485P | GSSMT, Hanwha SM485P specifications, Hanwha SM485P features, SM485P hybrid mounter, Hanwha placement speed, SM485P component compatibility, Hanwha SM485P accuracy, SM485P feeder options, Hanwha SM485P reviews, SM485P odd-form components, Hanwha pick and place machine, SM485P automation technology, Hanwha SM485P applications, SM485P production efficiency, Hanwha SM485P price, SM485P maintenance tips, Hanwha SM485P vs competitors, SM485P user manual, Hanwha assembly solutions, SM485P component



Global Soul Limited



+8613728696610



liyi@gs-smt.com



smtmachine-spareparts.com

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