



## YAMAHA YSM10 SMT Pick And Place Machine with 3-Phase AC Power Supply and 46,000CPH Mounting Capability for High Precision PCB Assembly

Our Product Introduction

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### Basic Information

- Place of Origin: Japan
- Brand Name: YAMAHA
- Model Number: YSM10
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 135\*150\*150cm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



### Product Specification

- Applicable PCB: L 510 X W 460mm - L 50 X W 50mm Note : Available In Lengths Up To L950mm As An Option.
- Applicable Components: 03015mm To W55 X L100mm (For Parts Sizes Larger The Width 45mm, Recognition Of Parts Is Divided Into Sections.), Height 15mm Or Less Note : A Multi Camera (option) Is Required For Part Heights Exceeding 6.5mm Or Part Sizes Exceeding 12mm
- Mounting Capability 1: HM Head (10 Nozzle) Specification : 46,000CPH (under Optimum Conditions As Defined By Yamaha Motor)
- Mounting Capability 2: HM 5 Head (5 Nozzle) Specification : 31,000CPH (under Optimum Conditions As Defined By Yamaha Motor)
- Mounting Accuracy(Under Optimum Conditions As Defined By Yamaha Motor When Standard Evaluation)  $\pm 0.035\text{mm}$  ( $\pm 0.025\text{mm}$ ) Cpk 1.0 ( $3\sigma$ )



## Product Description

### Original YAMAHA YSM10 Pick And Place Machine

3-Phase AC 200/208/220/240/380/400/416V  $\pm$ 10% 50/60Hz Power Supply

#### Introduction to YAMAHA Pick And Place Machine

The YAMAHA YSM10 Pick and Place Machine represents the latest advancement based on three innovative "one in one" concepts:

- First-in-class installation speed combination
- Single head solution requiring no replacement
- Integration of three YS12 type models into one platform

This machine combines the specifications of all three current YAMAHA YS12 series models into a single platform, offering the flexibility and mobility of the compact high-speed modular YS12, the simplified design of the compact Economy modular YS12P, and the multi-functional capabilities of the compact modular YS12F.

By integrating common functions from advanced machines, the YSM10 helps suppress picking and identification errors while reducing machine downtime losses.

#### Main Features of YAMAHA Pick And Place Machine

**1) Enhanced Speed and Performance:** Delivers 25% faster operation than traditional models, achieving world-class mounting capability of 46,000 CPH (under optimal conditions). Features include:

- 1-head solution handles wide range of parts without head changes
- Lightweight, compact universal HM (High Speed Multi) head
- New generation servo system
- Extended component compatibility (03015 to 12mm)
- Improved scanning camera performance

**2) Scalable Configuration:** Adaptable to various production needs with multiple options:

- sATS15 automatic replaceable pallet component supply
- ANC automatic nozzle station
- Multi-function component identification camera
- Supports components over 6.5mm height or 12mm size
- Compatible with SS and ZS intelligent feeders

**3) Advanced Production Capabilities:** Integrates features from top-tier machines to:

- Automatically control component data creation and tracking
- Reduce pick and identification errors
- Minimize machine downtime



YAMAHA Pick And Place Machine YSM10   GSSMT   YSM10 specifications   Yamaha pick and place machine   SMT assembly solutions  
High-speed mounter   Yamaha YSM series   Automated PCB assembly   Surface mount technology (SMT)   YSM10 features  
Component mounting accuracy   Pick and place efficiency   Yamaha SMT machines   Modular pick and place systems  
High-speed PCB mounters   SMT production line equipment   YSM10 reviews   Yamaha machine capabilities   SMT feeder systems  
PCB assembly automation   Yamaha pick and place technology   Industrial pick and place machines