



## YAMAHA YSM10 Pick And Place Machine with 46,000CPH Mounting Capability and 3-Phase AC Power Supply for 03015mm to W55 x L100mm Components

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) +/-0.035mm (+/-0.025mm) Cpk 1.0 (3σ)



## Product Description

### YAMAHA YSM10 Pick And Place Machine

The YAMAHA YSM10 Pick and Place Machine represents the latest advancement in SMT assembly technology, built upon three innovative "one in one" concepts. This industrial-grade machine delivers exceptional performance with 3-Phase AC 200/208/220/240/380/400/416V power supply compatibility and operates at -10% 50/60Hz.

#### Advanced Platform Integration

The YSM10 integrates specifications from all three current YAMAHA YS12 series models into a single, versatile platform. This includes the flexibility and mobility of the compact high-speed modular YS12, the streamlined efficiency of the compact Economy modular YS12P, and the multifunctional capabilities of the compact modular YS12F.

#### Key Performance Features

**25% Speed Increase:** Achieves world-leading mounting capability at 46,000 CPH under optimal conditions

**Single Head Solution:** Universal HM (High Speed Multi) head handles wide component range without replacement requirements

**Enhanced Component Compatibility:** Improved scanning camera extends high-speed installation range from 8mm to 12mm components

**03015 Component Support:** Capable of handling ultra-small 0.3mm x 0.15mm components

#### Scalable Configuration Options

The YSM10 offers flexible scalability to match production site requirements, supporting various options including sATS15 automatic replaceable pallet component supply equipment, ANC automatic nozzle station, multi-function component identification cameras, and compatibility with electric intelligent SS and ZS feeders from the YS series.

#### Enhanced Production Efficiency

Integration of advanced machine features from Z:TA-R YSM40R and Z:LEX YSM20 models with e-Vision technology enables automatic control of component data creation and tracking. This significantly reduces pick and identification errors while minimizing machine downtime losses.

*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*



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