



Original YAMAHA YSM10 Pick And Place Machine with 3-Phase AC 200/208/220/240/380/400/416V /-10% 50/60Hz Power Supply

Our Product Introduction

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 (3σ)



Product Description

Introduction to YAMAHA Pick And Place Machine

YAMAHA Pickup and placement machine YSM10 is the latest development based on three "one in one" concepts, offering 1) the first installation speed combination in its class; 2) Single head solution without replacement, and 3) integration of three YS12 type models into one platform.

At the same time, the specifications of all three current models of the YAMAHA YS12 series have been integrated into a single platform with the flexibility and mobility of the compact high-speed modular YS12. A partially simplified version of the compact Economy modular YS12P, and a multi-functional compact modular YS12F.

In addition, thanks to the integration of the common functions of two advanced machines, picking and identification errors can be suppressed and machine downtime losses reduced.

Main features of YAMAHA Pick And Place Machine

1) YAMAHA Pick And Place Machine speeds up 25% or more over traditional models and achieves the fastest mounting capability in the world, based on the ideal concept of a 1-head solution capable of handling a wide range of parts while maintaining high speed without the need to change the head, we introduce the upper die Z: LEX YSM20 cultivates various technologies. By using the latest technologies, such as the same lightweight and compact universal HM (High Speed Multi) head as the upper mode and a new generation of servo systems, it can achieve an increase of 25% or more compared to conventional machines (YS12). It delivers the world's fastest installation capacity at 46,000 CPH (in the company's best conditions) and is versatile enough to handle loads of 03015 (0.3 mm x 0).

In addition, by improving the performance of the scanning camera, the YAMAHA take-and-place machine extends the dimension compatibility range of components for high-speed installation from 8mm to 12mm.

2) Scalability, can be flexibly adjusted according to the needs of the production site, A variety of options including sATS15, automatic replaceable pallet component supply equipment, ANC, automatic nozzle station capable of automatically changing nozzles, multi-function camera that can identify components, etc. High speed, high precision, square with height over 6.5mm or size over 12mm. The belt feeder is supported by the electric intelligent feeder SS feeder and ZS feeder used in the YS series.

3) Enhanced functionality to provide table production

By integrating the common features of Z: TA-R YSM40R and Z: LEX YSM20 top-of-the-line machines with the e-Vision, the creation and tracking of component data can be automatically controlled, thus suppressing pick and identification errors and reducing machine downtime losses.

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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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