



High-Efficiency Modular YAMAHA YSM20R SMT Pick and Place Machine with Wide Component Range and Flexible Configurations

Our Product Introduction

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Basic Information

- Place of Origin: Japan
- Brand Name: YAMAHA
- Model Number: YSM20R
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 1500*2000*1600mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Machine Name: YSM20R
- Applicable PCB: Dual Stage (only For X Axis 2-beam Specs.)
- 1 PCB Conveyance: L810 X W490 To L50 X W50
- 2 PCB Conveyance: L380 X W490 To L50 X W50
- Single Lane: L810 X W490 To L50 X W50
- Dual Lane (only For X Axis 2-beam Specs.): L810 X W230 To L50 X W50
- Mounting Capability X Axis 2-beam: High-speed Multi-purpose
- Mounting Capability: 90,000 CPH (under Optimum Conditions As Defined By Yamaha Motor)
- Mounting Accuracy (Under Optimum Conditions As Defined By Yamaha Motor When Standard Evaluation Mate: $\pm 0.035\text{mm}$ ($\pm 0.025\text{mm}$) $Cpk \geq 1.0$ (3σ)
- Applicable Components: 03015 To 45 X 45mm L100mm, Height 15mm Or Less



More Images



Product Description

High-Efficiency Modular Z:LEX YAMAHA YSM20R

Overview

The YAMAHA YSM20R is a high-end modular mounter designed for high-mix, high-volume SMT production environments. Its modular architecture enables flexible configuration to meet diverse manufacturing requirements while delivering exceptional speed and precision.

Key Features and Benefits

- **High-Speed Placement:** Achieves up to 95,000 components per hour (CPH) under optimal conditions
- **Precision Accuracy:** $\pm 0.035\text{mm}$ ($\pm 0.025\text{mm}$) $C_{pk} \geq 1.0$ (3σ) placement accuracy
- **Component Versatility:** Handles components from 0201mm to 55 x 100mm in size
- **Modular Design:** Customizable configurations with various heads and feeder options
- **Advanced Vision:** Wide-scan camera improves component recognition and placement
- **Continuous Operation:** Optional features maintain line operating rate without stopping
- **Universal Head:** No head replacement needed for components from 0201mm to large sizes





Industry Applications

The YSM20R excels in precision manufacturing across multiple sectors:

- Mobile devices and wearable technology
- Automotive electronics and industrial automation
- Medical devices and LED lighting production

Integration and Operation

The modular design enables seamless integration into existing SMT lines with minimal production disruption. Flexible configuration options allow adaptation to specific manufacturing workflows.

Technical Specifications

What is the placement speed?

95,000 CPH maximum under optimal conditions

What is the placement accuracy?

$\pm 0.035\text{mm}$ ($\pm 0.025\text{mm}$) $C_{pk} \geq 1.0$ (3σ)

What is the smallest component size supported?

0201mm components

Summary

The YAMAHA YSM20R modular mounter combines high-speed performance with exceptional accuracy and component versatility. Its flexible design makes it an ideal solution for diverse PCB assembly applications requiring precision and efficiency.

GSSMT, YAMAHA YSM20R, YAMAHA YSM20R SMT Pick and Place Machine, YSM20R YAMAHA, YAMAHA SMT Pick and Place YSM20R, YAMAHA YSM20R specifications, YAMAHA YSM20R price, YAMAHA YSM20R for sale, YAMAHA YSM20R manual, YAMAHA YSM20R review, YAMAHA YSM20R speed, YAMAHA YSM20R components size, YAMAHA YSM20R placement accuracy, YAMAHA YSM20R feeder capacity, YAMAHA YSM20R spare parts, YAMAHA YSM20R maintenance, YAMAHA YSM20R training, YAMAHA Z:LEX YSM20R, High-efficiency modular mounter YSM20R, SMT machine YAMAHA YSM20R