JUKI RS-1R SMT Pick and Place Machine 47,000CPH ±35μm Accuracy

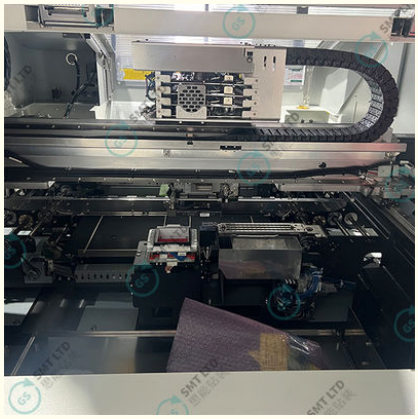
Our Product Introduction

Basic Information

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

Product Specification

- Machine Name: RS-1R
- Transfer Pattern Standard: Import And Export 150mm Extension
- Substrate Size Min: 50×50mm
- Component Hight: 25mm
- Component Size: 0201*1(British System 008004 74mm /50×150mm
- Component Mounting Speed: 47,000CPH
- Component Mounting Accuracy: ±35μm Cpk≧1
- Image Recognition: ±30μm
- Type Of Component Mounting: 112 Kinds *2
- Machine Size(W*D*H): 1,500×1,810×1,440mm
- Machine Weight: About1,700Kg
- Condition: Used Origianl



More Images

Product Description

JUKI RS-1R High Speed Intelligent Modular Placement Machine

Revolutionizing SMT Assembly: The JUKI RS-1R Chip Mounter

The surface mount technology (SMT) industry is in constant evolution, demanding higher speeds, greater accuracy, and more flexibility from placement equipment. At the forefront of this evolution is the JUKI RS-1R series.

Understanding the JUKI RS-1R Series

The JUKI RS-1R is a fast, smart, modular mounter designed for high-mix, high-volume production environments. Its modular design allows for flexible configuration, enabling manufacturers to tailor the machine to their specific production needs. The JUKI RS-1R supports a wide range of components, from the smallest chip parts to large, odd-form components, making it a versatile solution for various applications.

The JUKI RS-1R: A Leap in Placement Technology

The JUKI RS-1R represents a significant advancement in placement technology. It is engineered for high-speed and high-accuracy placement of small components, particularly in demanding applications such as smartphone manufacturing, wearable devices, and other miniaturized electronics.

Key Features and Benefits

- **High-Speed Placement:** The JUKI RS-1R is designed to maximize throughput, with optimum speeds up to 47,000 CPH (chips per hour).
- **Enhanced Accuracy:** Precision is paramount in SMT assembly, especially with the increasing use of smaller components. The JUKI RS-1R delivers a placement accuracy of ±35µm (Cpk≥1).
- **Small Component Support:** Capable of handling ultra-small components, including 0201 metric (008004") parts, crucial for manufacturers producing compact and high-density electronic devices.
- **Versatility:** Can support components up to 74mm square and 50mm x 150mm rectangular parts, providing maximum flexibility.
- **Takumi Head:** Features a changing recognition sensor height, optimizing line balance and throughput.
- **Intelligent Scan System:** Automatically detects the size and height of components, minimizing the need for manual calibration and reducing downtime.
- **Dual Lane Conveyor System:** Processes two PCBs simultaneously, increasing throughput and lowering production costs.
- **Non-Stop Optimization Function:** Constantly monitors and adjusts the pick and place process to achieve maximum efficiency.

Applications of the JUKI RS-1R

The JUKI RS-1R is ideal for a wide range of applications within the electronics manufacturing industry:

- **Mobile Devices:** Smartphones, tablets, and other mobile devices requiring high-density component placement.
- **Wearable Technology:** Smartwatches, fitness trackers, and other wearable devices demanding miniaturization and precision.
- **Automotive Electronics:** Advanced electronics such as ADAS (Advanced Driver Assistance Systems) and infotainment systems.
- **Industrial Automation:** Industrial control systems and automation equipment requiring precise component placement.
- **Medical Devices:** Sensitive medical electronics, including diagnostic and monitoring devices.

Cost-Effectiveness of the JUKI RS-1R

The JUKI RS-1R offers a lower Total Cost of Ownership (TCO) due to its high speed, accuracy, and versatility. Its ability to handle a wide range of components and applications reduces the need for additional equipment, further lowering costs.

Frequently Asked Questions

What is the placement speed of the JUKI RS-1R?

The JUKI RS-1R has an optimum placement speed of up to 47,000 CPH.

What is the placement accuracy of the JUKI RS-1R?

The JUKI RS-1R delivers a placement accuracy of ±35µm (Cpk≥1).

What is the smallest component size that the JUKI RS-1R can handle?

The JUKI RS-1R is capable of handling ultra-small components, including 0201 metric (008004") parts.

What are some typical applications for the JUKI RS-1R?

Typical applications include mobile devices, wearable technology, automotive electronics, industrial automation, and medical devices.

What are the key features of the JUKI RS-1R?

Key features include high-speed placement, enhanced accuracy, small component support, versatile component range, Takumi head, intelligent scan system, dual lane conveyor system, and non-stop optimization function.

Conclusion

The JUKI RS-1R is a game-changing solution for SMT assembly, offering high speed, exceptional accuracy, and versatile component support. As the demand for smaller, more complex electronic devices continues to grow, the JUKI RS-1R is poised to play a critical role in enabling manufacturers to meet these challenges and stay ahead of the competition.

JUKI RS-1R SMT Pick and Place Machine JUKI SMT Pick and Place RS-1R JUKI RS-1R JUKI RS-1R specifications JUKI RS-1R price JUKI RS-1R for sale JUKI RS-1R manual JUKI RS-1R review JUKI RS-1R speed JUKI RS-1R components JUKI RS-1R size JUKI RS-1R placement accuracy JUKI RS-1R feeder capacity JUKI RS-1R spare parts JUKI RS-1R maintenance JUKI RS-1R training JUKI Smart Solutions RS-1R1 High-speed modular mounter RS-1R SMT machine JUKI RS-1R JUKI RS-1R component height

SMT LTD 思能贴装 **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