

RS-1R - JUKI Fast Smart Modular Mounter

I. Description

JUKI RS-1R pick and place machine. Superior Productivity.
Versatility
With the best throughput in an advanced, all-in-one



II. Features

- Class leading speed, up to 47,000 cph
- Newly developed “Takumi Head” with changing recognition sensor height
- Optimum line balance and highest throughput
- Wide component range from 0201 (metric) to large connectors and ICs
- Optimal for LED placement

III. Specification

Fast Smart Modular Mounter			
Model		RS-1R	
Conveyor specification		standard	150mm conveyor 250mm conveyor
Board size	minimum	50×50 mm	
	maximum	1 buffer	650×370 mm (Single clamping)
		3	950×370 mm 1,100×370 mm 1,200×370 mm
Component height		25 mm	
Component size		0201 ^{*1} ~ □74 mm /150×50 mm	
Placement speed	Optimum	47,000CPH	
	IPC9850	31,000CPH	
Placement accuracy		±35μm (Cpk ≥ 1)	
Feeder inputs		max.112 ^{*2}	
Power supply		AC200 ~ 415V ^{*3} 3-phases	

Apparent power	2.2kVA		
Operating air pressure	0.5±0.05MPa		
Air consumption	200L/min for internal vacuum generator, 50 l/min with		
Machine dimensions (W×D×H)*4	1,500 × 1,810 ×	1,800 × 1,810 ×	2,000 × 1,810 ×
Body weight	1,700kg		

*1 For metric 0201 compliance please contact us.

*2 Using RF(RF08AS) feeders

*3 A transformer unit (option) is necessary except AC 200 V.

*4 D dimension does not include the front operation monitor. H dimension does not include signal tower.