



SMT
S O L I D

JUKI
JUKI AMERICA, INC.
ELECTRONIC ASSEMBLY SYSTEMS

RX-8

PICK AND PLACE

We offer complete SMT solutions with cutting-edge technology and specialized support.



MX 81-282-8092
US 10-791-8343





RX-8

HIGH-SPEED COMPACT MODULAR MOUNTER

Highest placement rates per square meter (sq foot)

Achieves high-speed placements of up to 100,000 CPH

FEATURES

Achieves high-speed placements of up to 100,000 CPH

JUKI's RX-8 is the pinnacle of compact modular mounters, designed to cater to demanding SMT production environments. Powered by state-of-the-art P20 placement head, it achieves unmatched speeds of up to 100,000 CPH while maintaining a compact footprint of just 998mm wide. Its advanced vision system ensures high placement accuracy, making it ideal for ultra-small chips, small ICs, and LED edge lights. The RX-8 integrates seamlessly into production environments, offering real-time status sharing, bad mark propagation, and efficient component management for streamlined processes.

The RX-8 sets new standards in precision and density, enabling manufacturers to work on high-volume projects with ease. With placement accuracy of $\pm 0.04\text{mm}$ (Cpk ≥ 1) and its innovative coaxial lighting technology, it delivers clearer vision, ensuring precise inspection and centering of parts. Whether you're tackling complex designs or aiming for maximum efficiency, the RX-8 is the perfect solution to optimize your production line and elevate your manufacturing capabilities.

COMPACT, POWERFUL, AND PRECISE

P20 Placement Head

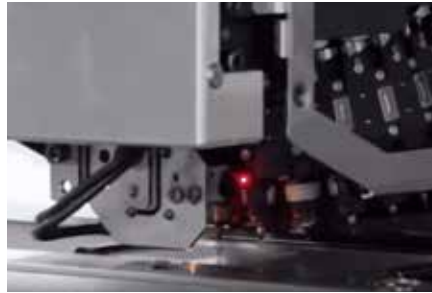
Achieves speeds of up to 100,000 CPH for unmatched productivity.





Compact Design

At just 998mm wide, offering high output in a space-saving footprint.



Low Impact Placement

Adjustable speeds minimize stress on delicate parts and boards.



Seamless Production Integration

Communicates with upstream equipment to streamline processes.

SPECIFICATION

ADVANCED FLEXIBLE MOUNTER LX-8	
Board size	50×50~510mm*1 *2×450mm
Component height	3mm
Component size	0201*3~ 5mm
Placement speed (Optimum)	Chip 100,000CPH
Placement Accuracy	±40µm (Cpk ≥1)
Feeder capacity	Upto 56 *4
Power supply	3-phase AC200V, 220V 430V *5
Apparent power	2.1kVA
Operating air pressure	0.5±0.05MPa
Air consumption (standard)	20L/ min ANR (during normal operation)
Machine dimensions (W x D x H)*6	998mm×1,893mm×1,530mm
Mass (approximately)	1,810 kg (with fixed bank)/ 1,760 kg (with bank changing)

*1 BOC, Bad Mark, and 2D barcode can be read only if board length is from 50mm to 350mm

*2 In long board mode (two boards can be produced simultaneously up to 420mm long).

*3 Please contact JUKI for details.

*4 When using RF08AS

*5 220V - 430V requires a separate transformer

*6 Depth D does not include the monitor, and height H does not include the signal light when the conveyor height is 900 mm.

Industrial solutions, innovation and precision.

Wilfredo Fonseca

CEO
wfonseca@solid-mfg.com
+1 (915) 777.1333

William Félix
Regional Sales Manager
wfelix@solid-mfg.com
+1 (915) 777.0739

Ramón Aguilar
Sales Executive
raguilar@solid-mfg.com
+52 (656) 144.5502

Maros Espinoza
Sales Manager
mespinoza@solid-mfg.com
+1 (915) 777.0766

Alan Santiesteban
Sales Executive
asanti@solid-mfg.com
+52 (656) 345.5806

Diego González
Sales Executive
dgonzalez@solid-mfg.com
+1 (915) 999.3434

Heriberto Huerta
Sonora Commercial Representative
hhuerta@solid-mfg.com
+52 (662) 417.6320

Enrique Torres
Sales
etorres@solid-mfg.com
+52 (33) 1974.5755

Francisco Zamudio
Business Development
fzamudio@solid-mfg.com
+1 (915) 343.2203

José Pérez
Sales
jperez@solid-mfg.com
+52 (656) 388.1220

Johanny Jacome
Northeast Sales Manager
jjacome@solid-mfg.com
+52 (81) 2080.8334

José Luis Díaz
Commercial Manager Tijuana
jdiaz@solid-mfg.com
+52 (656) 754.2302

Saúl Ramírez
Automation Manager
sramirez@solid-mfg.com
+1 (915) 777.1175

Jaime Chavarria
Service Technician
jchavarria@solid-mfg.com
+1 (915) 777.1136

Emiliano Zamudio
Technical Support
emiz@solid-mfg.com
+52 (656) 806.7193

José Luna
Field Service Engineer
jluna@solid-mfg.com
+52 (656) 345.5796



OFFICES IN MEXICO AND THE UNITED STATES

Offices in Mexico

#2225 Parque Industrial Fernández C.P. 32649
Cd. Juárez, Chih. Méx.
Ph. +52 (656) 624.1530

Offices in the USA

1410 Gail Borden C-4
El Paso, TX. 79935
Ph. +1 (915) 300.2401

More information

info@solid-mfg.com
www.solid-mfg.com

