

Integrated multi part type handling in a compact machine

SFAB- α



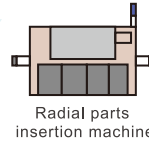
Features

■ The functionality of three machines in one machine

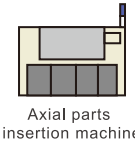
A mixed insertion machine into which different dedicated insertion machines for radial parts, axial parts, and jumpers are merged into one. The many available functions can provide immediate support for variable-mix, variable-volume production.



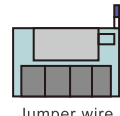
Integrated



Radial parts insertion machine



Axial parts insertion machine



Jumper wire insertion machine

■ Installation space is significantly reduced

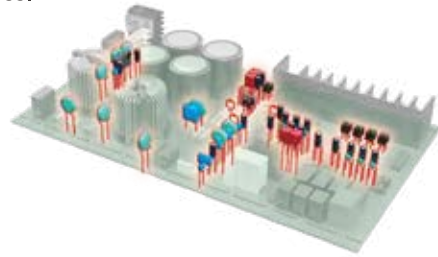
Saves space through integration and compact design.

Uses only 1/4
of the space usually required

sFAB-a

■ Have zero works in progress

Integrating the three types of insertion reduces works in progress.



■ Freely combined part supply units

Required units are set based on production.



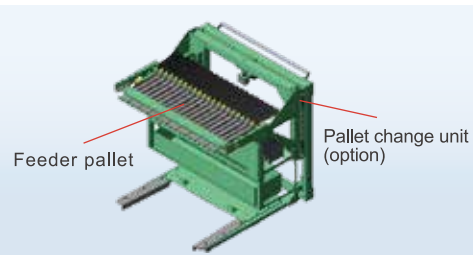
Axial tape feeder



Radial tape feeder

■ Reduced changeover time

The removable feeder pallet can be used for offline changeover and batch exchange of feeders, making changeover work more efficient.



Feeder pallet

Pallet change unit (option)

Specification		sFAB-a
Panel size (L x W)		80 x 50 to 508 x 330 mm
Part type quantity		20 types
Supported parts	Axial parts	Lead diameters: 0.4 to 0.8 mm Insertion pitches: 5 to 10.16, 5 to 20.32 mm Part packaging: Ammo pack
	Radial parts	Lead diameters: 0.4 to 0.8 mm Insertion pitches: 2.5, 5.0, 7.5 mm Part packaging: Ammo pack or reel
	Jumper wire	Lead diameters: 0.6 mm Insertion pitches: 5 to 20.32 mm Part packaging: Reel
Insertion throughput ^{*1}		Axial: 8,000 cph, Radial: 6,000 cph, Jumper: 8,000 cph
Power source		3-phase AC200 to 230 V ±10% (50/60 Hz)
Air		0.5 MPa
Air consumption		60 L/min (ANR)
Machine size (L x W x H)		2,600 x 1,734 x 1,710 mm
Weight		2,000 kg

*1 Under optimum Fuji conditions.

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