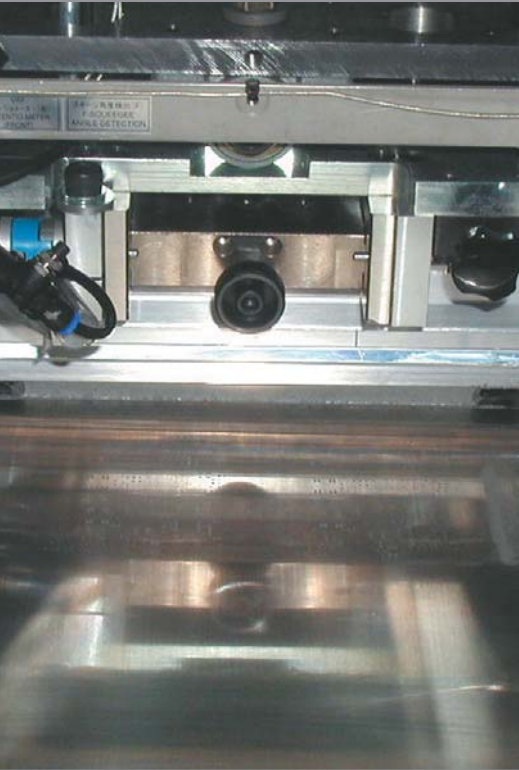


experts in productivity™

Panasonic Factory Solutions Company of America



Preceding Processes
SP60P-M/L

High Speed Screen Printer

- Fine printing
- Easy operation
- Main control boards are lead free

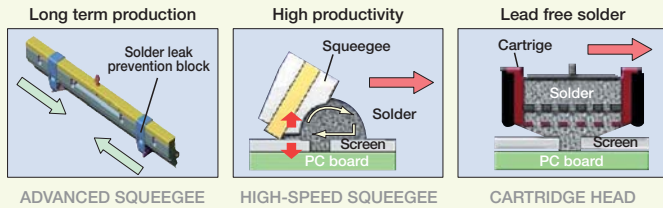
		SP60P-M	SP60P-L
MODEL NUMBER		KXF-1D3C	KXF-1G4C
PCB DIMENSIONS	Min L x W to Max L x W	50 mm x 50 mm 330 mm x 250 mm	50 mm x 50 mm 510 mm x 460 mm
CYCLE TIME		6.0 s + printing time	8.0 s + printing time
PLACEMENT ACCURACY		±25 μm	
REPEATABILITY		±7.5 μm	
SCREEN FRAME DIMENSIONS	L x W L x W L x W	736 mm x 736 mm 650 mm x 550 mm 600 mm x 550 mm	
ELECTRIC SOURCE*1		3-phase AC 200·220 V, 2.5 kVA	3-phase AC 200·220·400 V, 2.5 kVA
PNEUMATIC SOURCE		0.49 MPa, 30 L/min (A.N.R.)	
DIMENSIONS	W D H	1,760 mm 1,650 mm 1,430 mm	1,940 mm 1,910 mm 1,430 mm
MASS		1,450 kg	1,730 kg

*1 Includes blower

note: Values such as cycle time and accuracy may vary depending on operating conditions. Please refer to the detail specifications.

Multiple Printing Units

A wide variety of printing units and options are available to meet customers' specific needs.



Easy Operation and Changeover

• Full library of printing conditions

With the addition of 40 varieties of lead-free solder pastes, users are able to make selections from a total of 72 printing conditions.

• Quick and easy changeovers

The 'setup change' menu promotes faster changeovers with an easy-to-follow step-by-step procedure—and the time required is shown on the display.

• Custom operation screen settings

The engineer can set the scope of the operations which can be performed by each printer.



Flexibility

• Universal mask holder

Frames ranging from M to D size (29 inches) are supported as a standard feature.

• PCB transfer speed selection and pickup support block

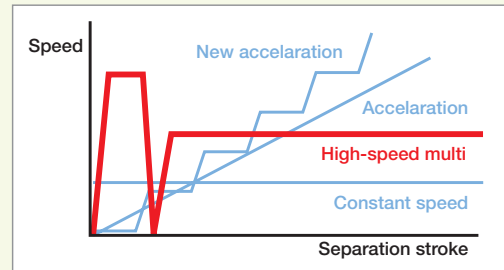
Useful for transferring thin PCBs or for PCBs where components are placed on their rear side.

• Automatic support pin unit (currently under development)

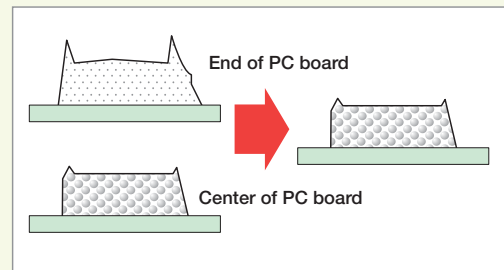
Automatically adjusts to suit rear side mounting conditions by changing the height of the support pins, eliminating the need to input pin position coordinates.

New Snap-off Function

The new acceleration control theory promotes excellent snap-off performance even when the snap-off is susceptible to masking. Through the combination of the priority modes—high-speed, multi-snap-off and support snap-off—both SMT printing and superfine pitch printing are supported.



SEPARATION STROKE



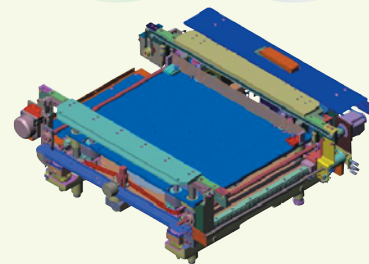
SUPER-FINE PITCH PRINTING

SMT printing

Super-fine-pitch printing

HIGH-SPEED
+
Lifter priority

MULTI-SNAP-OFF
+
Support block priority



Safety Caution: To ensure safety when using this equipment, all work should be performed in accordance with the supplied operating instructions. Thoroughly read your operating instructions manual.

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