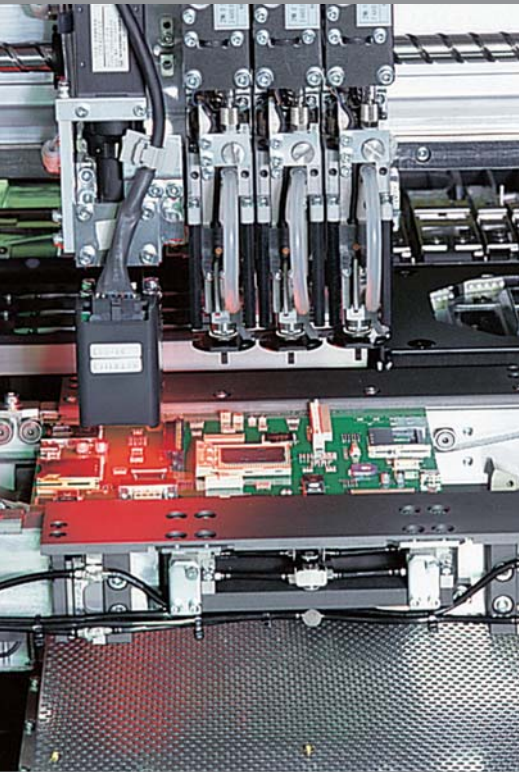


experts in productivity™

Panasonic Factory Solutions Company of America



SMT Placement

DT401-M/F

Modular Multi-functional Placement Machine

- Uses direct trays
- High-speed, highly accurate mounting
- Main control boards are lead free

		DT401-M	DT401-F
MODEL NUMBER		KXF-E53C	KXF-E64C
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
MAXIMUM SPEED	Tape or bulk Single tray Twin tray		0.7 s/chip 0.8 s/QFP 1.2 s/QFP
PLACEMENT ACCURACY		±50 μm/chip (Cpk≥1), ±35 μm/QFP (Cpk≥1)	
NUMBER OF COMPONENT INPUTS	Tape Single tray Twin tray		Max. 54*1 Max. 20 Max. 40
COMPONENT DIMENSIONS		0402 (1005) chip to L 100 mm x W 90 mm x T 25 mm	
PCB EXCHANGE TIME		2.0 s	0.9 s (Board length: up to 240 mm)
ELECTRIC SOURCE		3-phase AC 200-400 V, 1.5 kVA	
PNEUMATIC SOURCE*2		0.49 MPa, 150 L/min (A.N.R.)	
DIMENSIONS	W D H	1,260 mm 2,512 mm 1,430 mm	1,260 mm 2,722 mm 1,430 mm
MASS*3		1,430 kg	1,560 kg

*1 When 8 mm double tape feeder is used

*3 Standard configuration, excluding collective-exchange cart and tray feeders

*2 Standard, body only

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

Improved Operation Rate

Direct pickup

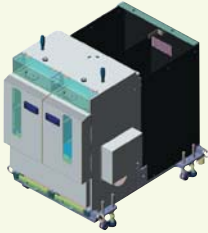
The placement heads pick up the tray components directly. This allows a wide variety of odd-shaped components to be mounted at high speed.

Tray feed during operation

Tray feed can be accomplished easily without stopping production using the replenisher unit which is installed above the tray feeder.

Feeder collective-exchange cart

Enables the tape feeders to be changed collectively during changeover.



TWIN TRAY FEEDER



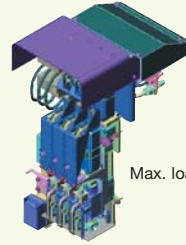
SINGLE TRAY FEEDER



FEEDER COLLECTIVE-EXCHANGE CART

Insertion Connector Support

The series of three load control heads yields a maximum load of 50 N which allows most insertion connectors to be mounted.



Max. load of 50 N

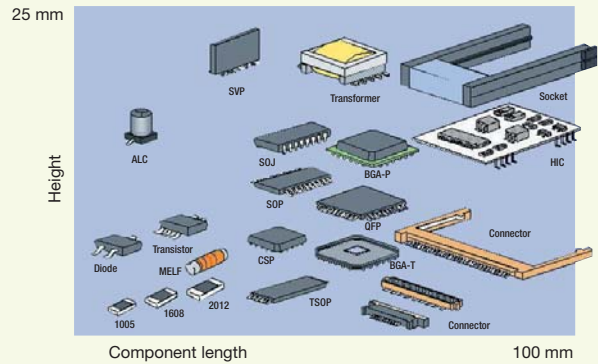
SERIES OF 3 LOAD CONTROL HEADS



INSERTION CONNECTORS

Versatility

A wide range of components from 0402 (1005) chips to BGAs, CSPs, connectors and other large components (100 mm x 90 mm max.) are supported.



Intelligent Feeders

The five different tape feeders are equipped with variable feed pitch and support all component types.

A line of bulk feeders is also available.

- 8 mm double tape feeders
- 12/16 mm tape feeders
- 24/32 mm tape feeders
- 44/56 mm tape feeders
- 72 mm tape feeders



 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.



Panasonic Factory Solutions Company of America
 1-847-495-6100
 PFSAmarketing@us.panasonic.com
 www.panasonicfa.com

Panasonic ideas for life