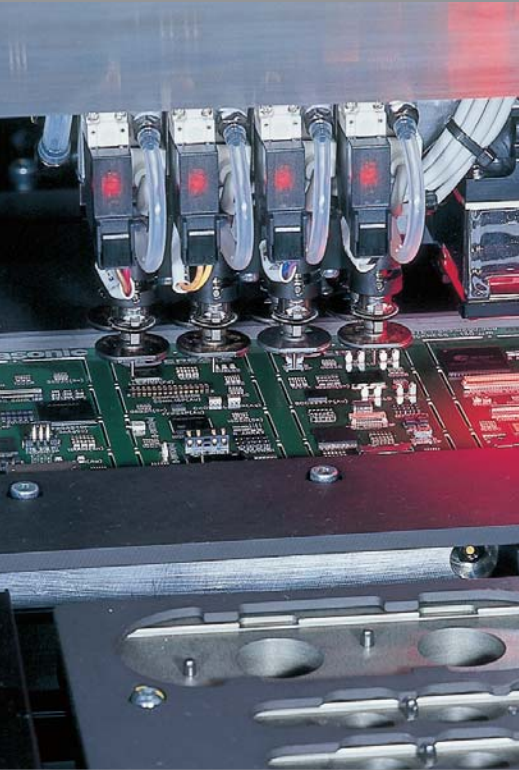


experts in productivity™

Panasonic Factory Solutions Company of America



With shuttle tray feeder



Optional configuration and custom specifications may not conform to EC Machinery and EMC directives.

SMT Placement CM402-L

Modular High Speed Placement Machine

- Highest productivity level in the industry—0.06 s/chip (60,000 cph)
- Easy to use, efficient and saves time
- Capable of supporting a wide range of parts

		CM402-L	
MODEL NUMBER		KXF-4Z4C	
PCB DIMENSIONS	Min L x W to	50 mm x 50 mm	
	Max L x W	510 mm x 460 mm	
HEAD TYPE		HIGH-SPEED	MULTI-FUNCTION
	Number of nozzles	8/head	3/head
	Maximum speed	0.06 s/chip (60,000 cph)	0.21 s/QFP (17,140 cph)
	Space productivity	9,560 cph/m ²	2,730 cph/m ²
	Placement accuracy	±0.05 mm/chip	±0.035 mm/QFP
	Component dimensions	0201 (0603) C, R to L 24 mm x W 24 mm	0402 (1005) C, R to L 100 mm x W 90 mm
PCB EXCHANGE TIME		0.9 s (board length: up to 240 mm)	
ELECTRIC SOURCE		3-phase AC 200 V ±10 V / AC 400 V ±10 V, 2.5 kVA	
PNEUMATIC SOURCE		490 kPa, 150 L/min (standard, machine body only)	
DIMENSIONS	W	2,350 mm	
	D	2,690 mm	
	H	1,430 mm	
MASS		3,000 kg (not including collective-exchange cart)	

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

High Productivity in a Compact Design

Ultra-high-speed placement is achieved by utilizing multiple heads and an extremely accurate recognition system. In addition, the main body has a space-saving small footprint.

Max. speed: **0.06 s/chip 60,000 cph**

Space productivity: **9,560 cph/m²**
(4 high-speed heads)

50% higher productivity rate than the CM202 model

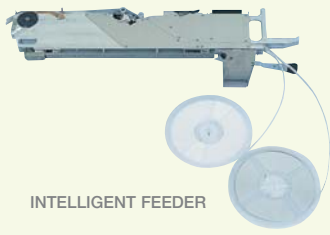
Intelligent Feeder

Five types of tape feeders support all tapes.

66 types → **5 types**
(CM202) (CM402)

Tape feed pitch can be set digitally. The parts count recording function issues a warning when the number of parts remaining is low.

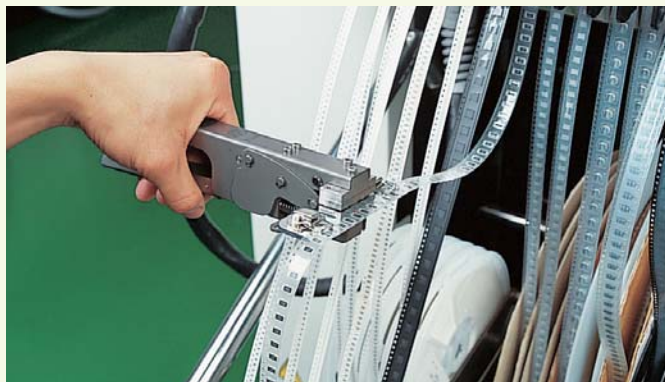
Supply Type	Maximum Number of Component Types
8 mm double tape feeder	216
12-16 mm tape feeder	108
24-32 mm tape feeder	52
44-56 mm tape feeder	36
72 mm tape feeder	24



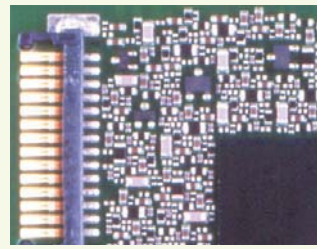
INTELLIGENT FEEDER

Tape Splicing Function

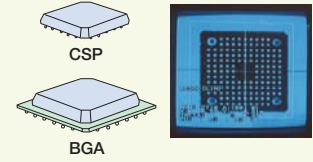
The intelligent feeder, which warns when parts are low, decreases the machine's stop time due to depletion of parts. This improves the operating rate while lowering the operator's workload.



Supports a Wide Variety of Parts

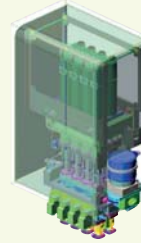


0603 (0201) CHIP WITH FINE-PITCH MOUNTING



GANG RECOGNITION FOR BUMPS

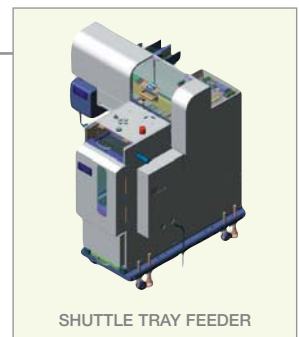
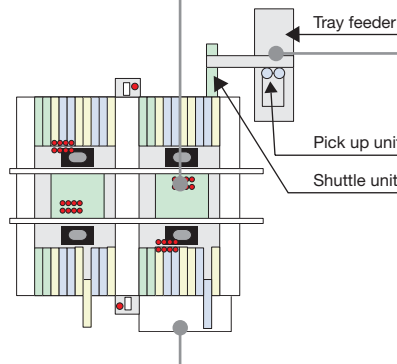
The best-suited head can be selected for each stage depending on the product and production volume.



HIGH-SPEED HEAD (8 NOZZLES)

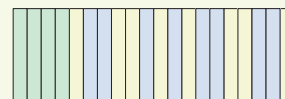


MULTI-FUNCTIONAL HEAD (3 NOZZLES)



SHUTTLE TRAY FEEDER

Feeder layout for each table can be adjusted to the operator's desired settings.

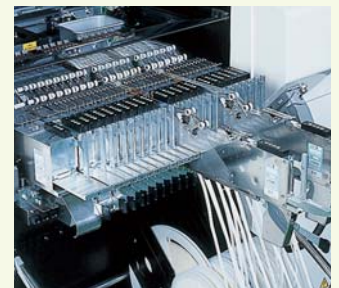


- Feeder for the common model
- Feeder for the A model
- Feeder for the B model

In addition to setting various kinds of feeders in advance, the usage of each feeder can also be set.



FEEDER COLLECTIVE EXCHANGE CART



FEEDER-BY-FEEDER TAPE REPLACEMENT DURING OPERATION

! 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
PFSMarketing@us.panasonic.com
www.panasonicfa.com

Panasonic ideas for life