

●Modular Multi-Functional Placement Machine

- Oddshaped component adaptability enhanced by the 3D sensor installation.*1
- Modular Multi-Functional Placement Machine with direct tray feeder availability.

*1:Optional



* It may not conform to Machinery Directive and EMC Directive in case of optional configuration and custom-made specification.

Model ID	DT401-F	
Model No.	KXF-E64C	
PCB dimensions	L 50 mm × W 50 mm to L 510 mm × W 460 mm	
Max. speed	Chip	0.7 s/chip (tape or bulk)
	Tray	0.8 s/QFP (single tray) , 1.2 s/QFP (twin tray)
Placement accuracy	Chip	±50 μm/Chip (Cpk ≧ 1)
	Tray	±35 μm/QFP (Cpk ≧ 1)
No. of component inputs	Tape	Max.54 *2
	Tray	Max.20 (single tray) , Max.40 (twin tray)
Component dimensions	(0201") 0603 chip to L 100 mm × W 90 mm × T 25 mm	
PCB exchange time	0.9 s (Board length : up to 240 mm Under optimum conditions)	
Electric source *3	3-phase AC 200 V, 1.5 kVA	
Pneumatic source *4	0.49 MPa, 150 L/min (A.N.R.)	
Dimensions	W 1 260 mm × D 2 542 mm × H 1 430 mm *5	
Mass *6	1 560 kg	

*Values such as maximum speed and placement accuracy may vary depending on operating conditions.

*Please refer to the "Specification" booklet for details.

*2:When 8 mm double tape feeder used.

*3:Compatible with 220 / 380 / 400 / 420 / 480 V

*4:Only for main body

*5:Excluding monitor and signal tower

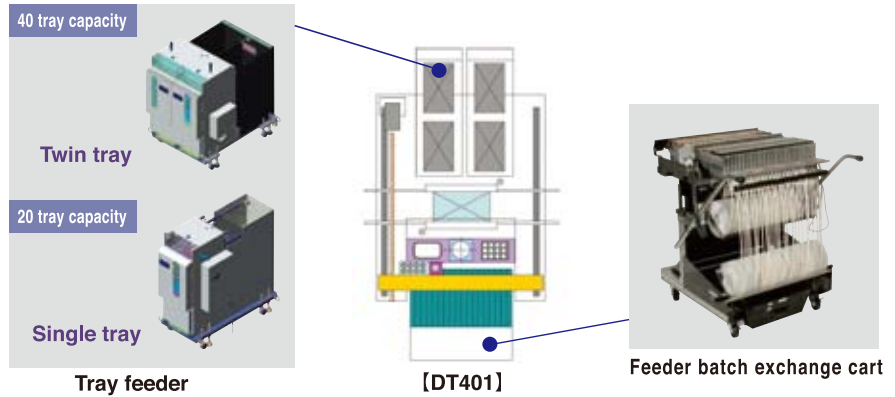
*6:Standard configuration, excluding batch exchange cart and tray feeders. This differs depending on the option configuration.

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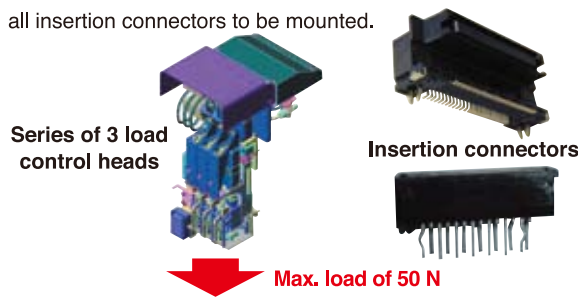
Operation rate improved by direct tray feeder and feeder batch exchange cart

- Direct pickup**
 The placement heads pick up the tray components directly. This enables many and varied odd-shaped components to be mounted at high-speed.
- Tray feed during operation**
 Using the replenisher unit installed above the tray feeder, tray feed can be performed when the components run out without having to stop production.
- Feeder collective-exchange cart**
 This enables all the tape feeders to be changed collectively during changeover.



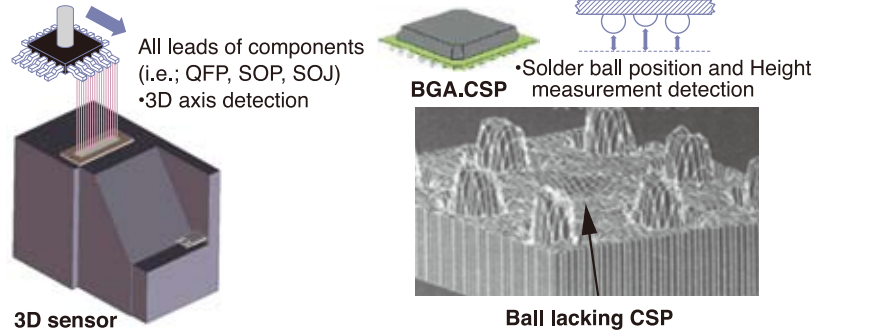
Load control head supplied as standard

The series of three load control heads yields a maximum load of 50 N which enables almost all insertion connectors to be mounted.



High-quality placement for IC package via the 3D sensor*1

High-speed detection via batch scanning.

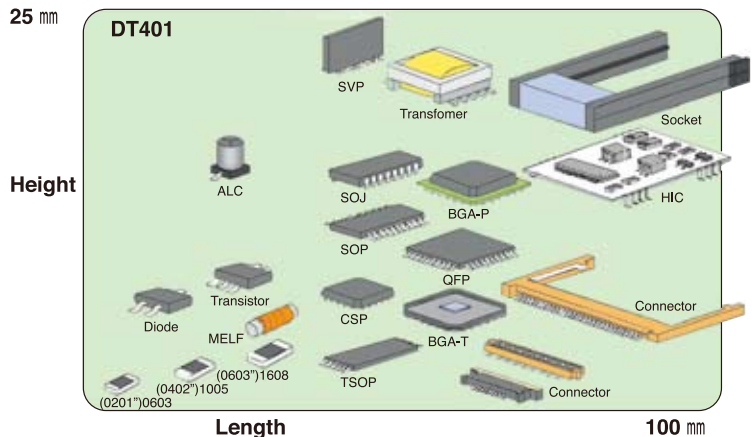


Can handle parts ranging from microchips to large parts such as BGAs, CSPs and connectors

	tape	bulk	stick	tray
DT401	●	●	●	●

Intelligent feeders also designed for CM402 employed

Supply type	Maximum number of kinds	Supply type	Maximum number of kinds
8 mm Single tape feeder	27	88 mm tape feeder	5
8 mm double tape feeder	54	104 mm tape feeder	4
12•16 mm tape feeder	27	32 mm adhesive tape feeder	9
24•32 mm tape feeder	13	Intelligent stick feeder	6
44•56 mm tape feeder	9	Intelligent bulk feeder	27
72 mm tape feeder	6		



Safety Cautions

- Please read the User's Manual carefully to familiarize yourself with safe and effective usage procedures.
- To ensure safety when using this equipment all work should be performed according to that as stated in the supplied Operating Instructions. Read your operating instruction manual thoroughly.

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Panasonic Group builds Environmental Management System in the factories of the world and acquires the International Environmental Standard ISO 14001:2004.

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