

●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.

DT401-F
 Model ID
 Model No. KXF-E64C

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

● Direct pickup

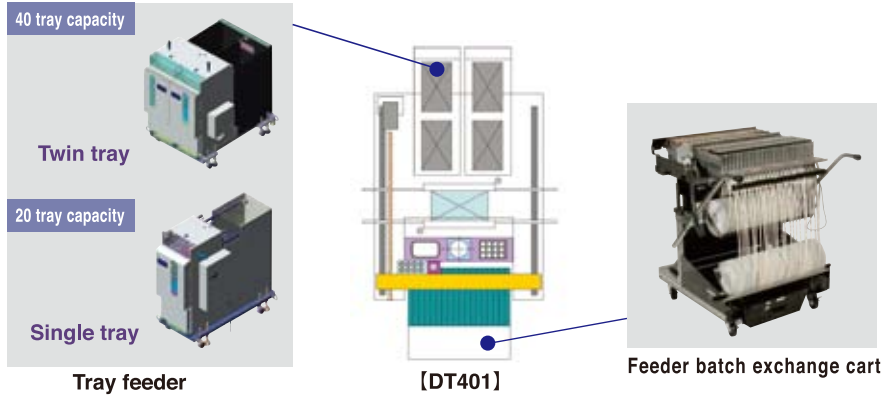
The placement heads pick up the tray components directly. This enables many and varied odd-shaped components to be mounted at high-speed.

● 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.

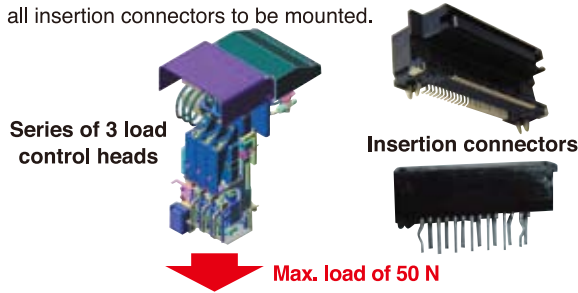
● Feeder collective-exchange cart

This enables all the tape feeders to be changed collectively during changeover.



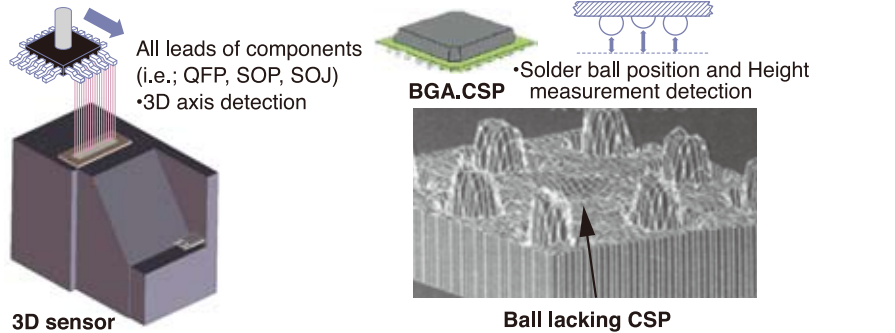
Load control head supplied as standard

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

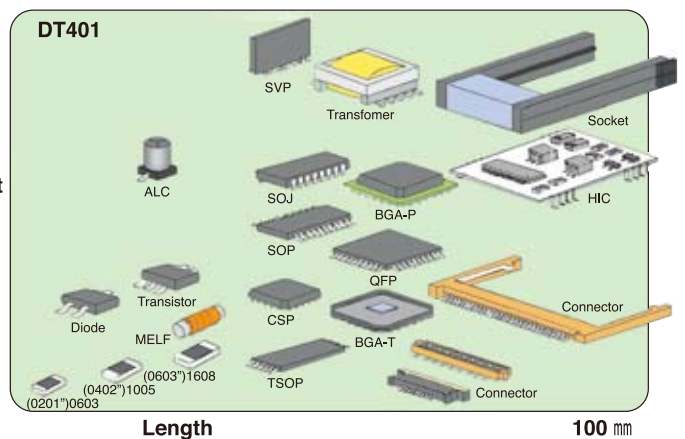
	tape	bulk	stick	tray
DT401	●	●	●	●

25 mm

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		

Height



⚠ 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.



Panasonic Group products are built with the environment in mind.
<http://panasonic.net/eco/>



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

Inquiries...

Panasonic Factory Solutions Co., Ltd.
Corporate Sales Division

1375 Kamisukiawara, Showa-cho, Nakakoma-gun, Yamanashi 409-3895, Japan
TEL +81-55-275-9148
FAX +81-55-275-6269

All data as of December 1, 2011

Ver. December 1, 2011