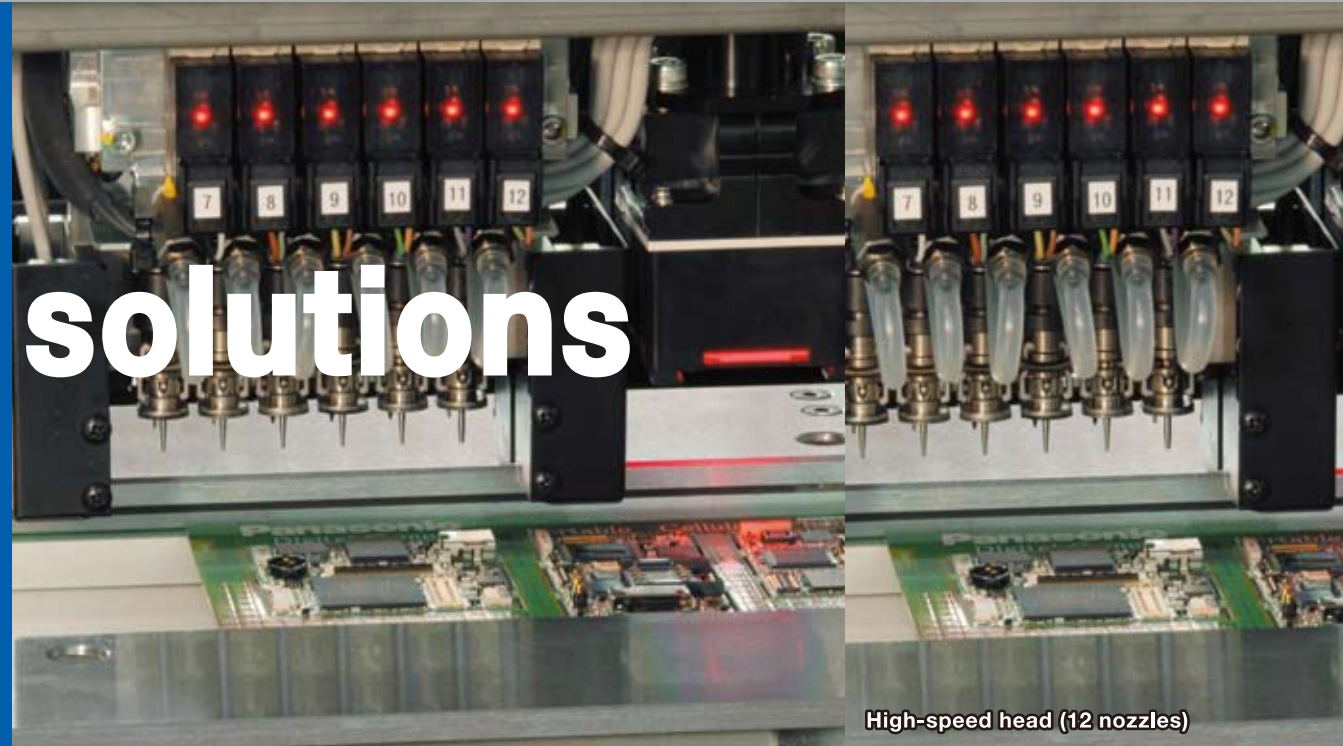


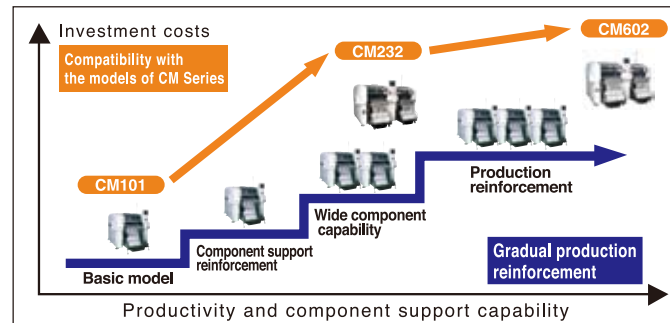


Our Solutions, Your Value

## right-sized solutions



Incremental capacity  
with continuous  
evolution support



- Ultimate incremental capacity
  - Increase machines with production growth
  - Compatibility enforces continuity with the latest technical developments
  - Commonality assures light investment

### ●Modular Placement Machine

- Unites technologies of our industry-leading CM-series into a lean modular solution
- Flexible solution accommodates production variations with ease
- Minimal investment for quick ROI • Compatible with other CM-series equipment

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

Model ID	CM101-D
Model No.	NM-EJM5B
PCB dimensions	L 50 mm × W 50 mm to L 460 mm × W 360 mm
●High-speed head	12 nozzles
Max. speed	0.144 s/chip (Type A-2)
Placement accuracy	± 40 μm/chip (Cpk ≥ 1)
Component dimensions	(01005") 0402 chip *1 to L 12 mm × W 12 mm × T 6.5 mm
●High-flexibility head	LS8 nozzles
Max. speed	0.19 s/chip (Type A-0)
Placement accuracy	± 50 μm/chip, ± 35 μm/QFP □24 mm to □50 mm, ± 50 μm/QFP < □24 mm (Cpk ≥ 1)
Component dimensions	(01005") 0402 *1 chip to L 100 mm × W 50 mm × T 15 mm *5
●Multi-functional head	3 nozzles
Max. speed	0.8 s/QFP (Type B-0)
Placement accuracy	± 35 μm/QFP (Cpk ≥ 1)
Component dimensions	(0201") 0603 chip to L 100 mm × W 90 mm × T 25 mm *6
PCB exchange time	about 4.0 s (When no components are placed on the back of the PCB)
Electric source	3-phase AC 200, 220, 380, 400, 420, 480 V 1.4 kVA
Pneumatic source *2	0.5 MPa, 150 L/min (A.N.R.)
Dimensions *2	W 1 530 mm × D 1 807 mm × H 1 430 mm *3
Mass *4	1 720 kg

\*Values such as maximum speed and placement accuracy may vary depending on operating conditions.  
\*Please refer to the 'Specification' booklet for details.  
\*1:The 0402 chip requires a specific nozzle/feeder.  
Please contact us for details.

\*2:Only for main body  
\*3:Excluding monitor and signal tower  
\*4:Only for main body. This may depend on option.  
\*5:When T is more than 11.5mm, special nozzles are needed. Please consult us separately.  
\*6:When T is more than 21mm, special nozzles are needed. Please consult us separately.

**⚠ 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.

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

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

Inquiries...

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# Latest CM-series evolution for scalable, modular manufacturing

## Concept

- Unites technologies of our industry-leading CM-series into a lean modular solution
- Flexible solution accommodates production variations with ease
- Minimal investment for quick ROI
- Compatible with other CM-series equipment

High productivity  
25 000 cph

Excellent compatibility

Supports up to  
140 component types

Incremental Capacity

Flexible from high-speed  
to multi-function pattern  
support

Evolution after  
installation



High-speed multi-functionality  
with 1 beam and 1 head

Enhanced productivity  
of microchips

Includes latest functionality  
for high quality placement

Includes latest component  
support functionality

Multifunctional transfer unit  
supporting POP and C4

Excellent compatibility  
with CM-series

**NEW**

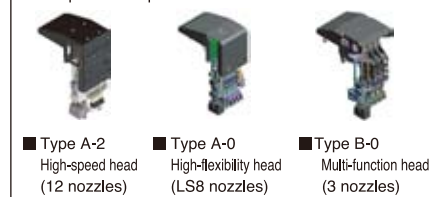
A wide range of components  
with high-flexibility heads



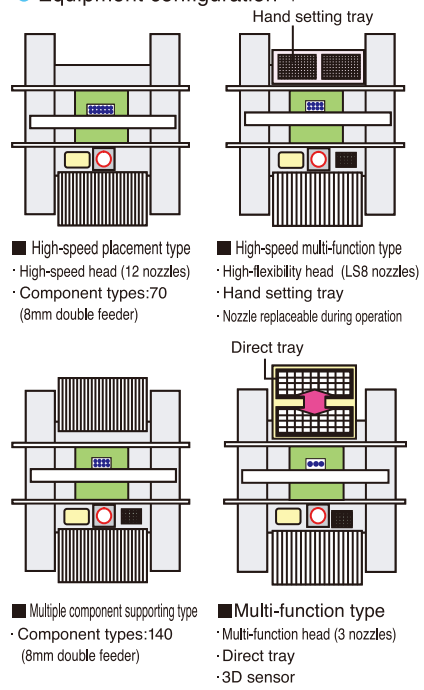
Placement speed (Type A-2)  
**0.144 s/chip 25 000 cph**

### Placement head type

A head can be selected from 3 types in accordance with a production pattern.

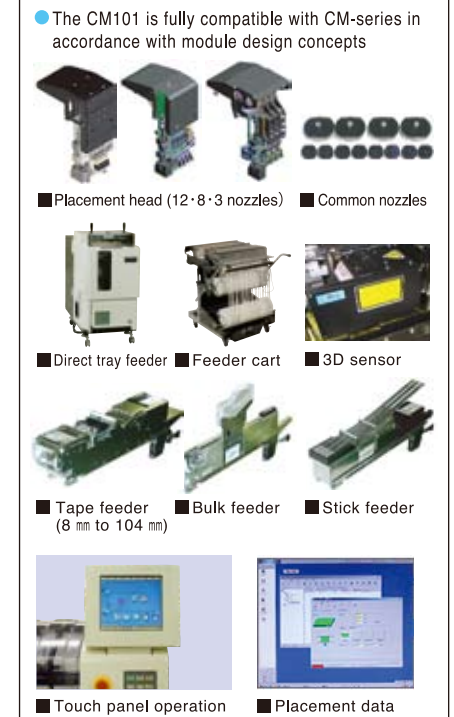
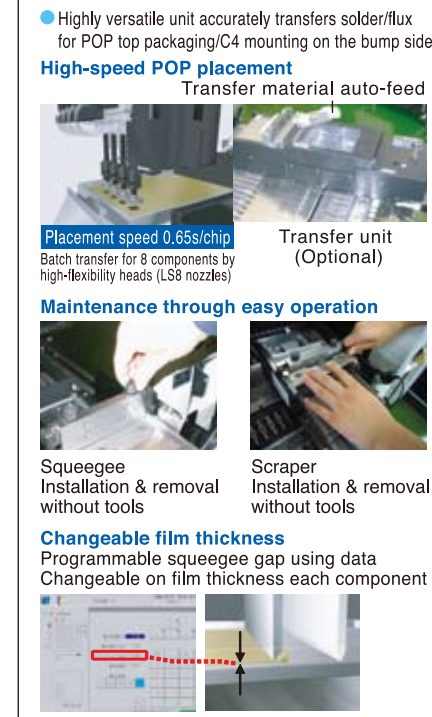
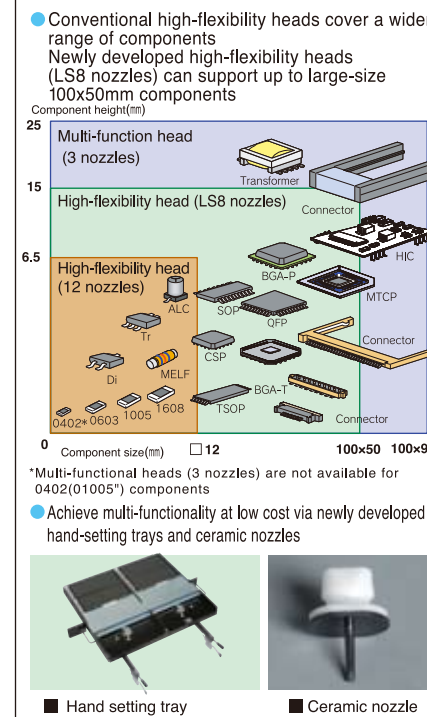
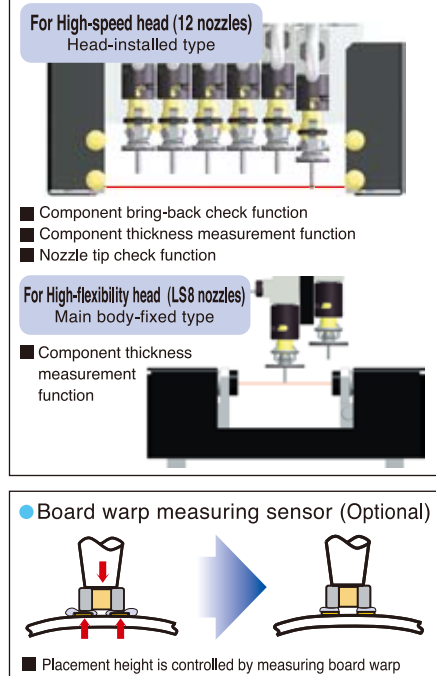


### Equipment configuration \*1



\*1:Please contact us for configuration types.

### Chip thickness measuring sensor (Optional)



	Transfer type	Max.dimension
8 nozzles	4 components x two-time batch transfer	□12mm
3 nozzles	3 components batch transfer	□15mm

\*High-speed heads (12 nozzles) are not supported.