Panasonic CONNECT



Production modular to achieve high productivity, high quality and manpower saving

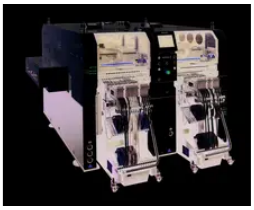
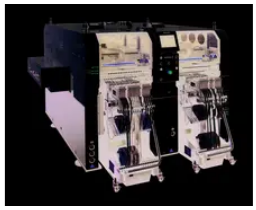
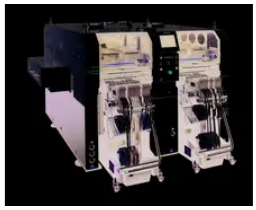
NPM-DX

Achieving High Productivity, High Quality and Manpower Saving This is a modular mounter to achieve both high productivity and high precision. The machine configuration is 4 heads and 4 feeder carts, and achieves high productivity while allowing the placement of up to 136 different types of components. In addition, it supports a variety of automation and manpower saving functions, including the Auto Setting Feeder (ASF), which automates components feeding operations, to flexibly meet the demands of each mounting site.

Key Features

- Achieves high productivity while supporting a wide range of components
- Supports placement accuracy of ±15 µm in high-accuracy mode
- 5M* process control "APC-5M" for good production and stable operation * 5M: The variable elements of a production site: huMan, Machine, Material, Method, and Measurement
- Various skill-less and manpower-saving features including Auto Setting Feeder

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NPM-DX

https://latam.connect.panasonic.com/br/en/products/smart-factory-solutions/npm-dx

PCB dimensions (mm)	Single lane mode:L 50 mm × W50 mm ~ L 510 mm × W 590 mm Dual lane mode:L 50 mm × W50 mm ~ L 510 mm × W 300 mm
Placement Head max Speed	49 000 cph(0.073 s / chip) 35 000 cph(0.103 s / chip)
Placement Head Placement Accuracy (Cpk≧1)	±25μm / chip ±15μm / chip
Placement Head	16 / 8 / 4
Component dimensions	0201 chip ~ L 120 × W 90 × T 30 or L 150 × W 25 × T 30
PCB Transfer Lane	Single/Dual
Component Supply	Taping/Stick
Maximum number of components supply (Tape Width: 4 mm, 8 mm calculation)	136
Number of heads	4
Footnote Description	*The above specifications are standard specifications. Please contact us for details, as the product may differ depending on usage conditions, etc.