



**The AM100 offers highest reliability, capacity and flexibility combined with cost-efficiency and gradual scalability in one high-mix solution.**

## AM100

The AM100 meets the high standards of reliability, capacity and flexibility that customers look forward to in a cost-efficient, gradationally scalable, high-mix SMT solution. It only takes one machine to start off production and extra units and/or technologies can be easily integrated according to requirements. The single-head (single beam) of Panasonic's AM100 modular placement machine is able to place an impressive component array including: 0402 mm to 120 x 90 x 2.8mm, odd-shaped components, large connectors, as well as advanced packaging types e.g. Features The single solution AM100 provides high net productivity and versatility. Equipped with a 14-nozzle head and 160 feeders the AM100 can place an impressive component range. On top the non-stop changeover allows you to prepare the next product process during running production. An off-line setup support station and a feeder set-up navigator option improves operating time and minimizes the downtime.

### Key Features

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highest reliability

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highest capacity and flexibility

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cost-efficiency

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gradual scalability

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all in one high-mix solution

AM100

<https://ap.connect.panasonic.com/id/en/products/smart-factory/am100>

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| <b>Model Number</b>         | NM-EJM4D  |
| <b>PCB dimensions (mm)</b>  | L 50 × W 50 to L 510 × W 460  |
| <b>Placement Speed</b>      | 35 800 cph (0.1006 s/chip); 12 200 cph (0.295 s/QFP 12 mm or less)  |
| <b>Taping</b>               | Tape 4 - 56 / 72 / 88 / 104 mm<br>Tape feeder specification : Max. 160<br>Tray feeder specification : Max. 120        |
| <b>Stick</b>                | Tape feeder specification : Max. 40 (Single stick feeder)<br>Tray feeder specification : Max. 30                      |
| <b>Tray</b>                 | Tray feeder specification: Max. 20<br>Manually setting tray specification: Max. 20 (Option for the fixed feeder base) |
| <b>Component dimensions</b> | 0402 chip to L 120 × W 90 or L 150 × W 25 (T=28)  |
| <b>PCB exchange</b>         | 4.0 s (where there is no placement component on the rear side)  |
| <b>Electric Source</b>      | 3-phase AC 200 / 220 V ±10 V, AC 380 / 400 / 420 / 480 V ±20 V 2.0 kVA  |
| <b>Pneumatic Source</b>     | Min.0.5 MPa to Max.0.8 MPa, 200 L /min (A.N.R.)   |
| <b>Dimension</b>            | W 1 970 × D 2 019 × H 1 500   |
| <b>Mass</b>                 | 2 650 kg  |