Panasonic CONNECT

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

- highest reliability
- highest capacity and flexibility
- cost-efficiency
- gradual scalability
- all in one high-mix solution

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AM100

https://ap.connect.panasonic.com/th/th/am100

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