"Performance, Value, Integrity"

ALP Automatic Labeling Machine

Getech Automatic Labeling Machine is a high speed inline label placer of pre printed label from an automatic label feeder to PCB.

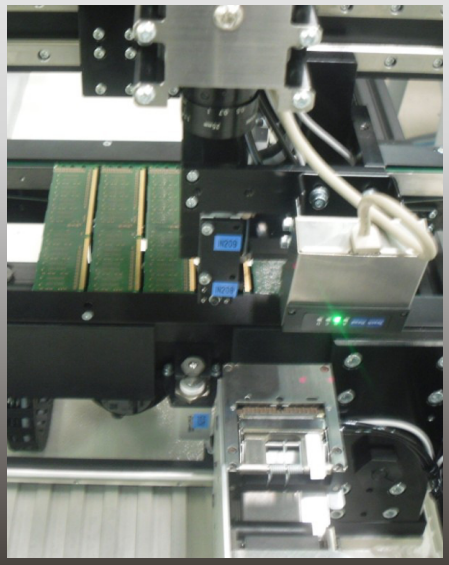
The ALP utilizes X-Y linear axes for the movement of the end effector which houses the vacuum pick-up head.

Pre-printed labels are directly fed by an automatic label feeder.

PCB boards are received on a two-stage width adjustable variable speed AC motor conveyor.

F E A T U R E S

- Extremely High placement speed
- Label placement accuracy of 0.1mm complete with U-axis rotation
- Optional features of barcode reader and multiple label feeders



The information herein is subject to change without notice and should not be construed as a commitment by Getech Automation Pte Ltd.

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GETECH
"Performance, Value, Integrity"

ISO 9001:2008 CERT NO.: 622220

Local Agent:

SPECIFICATIONS:

Placement Capability

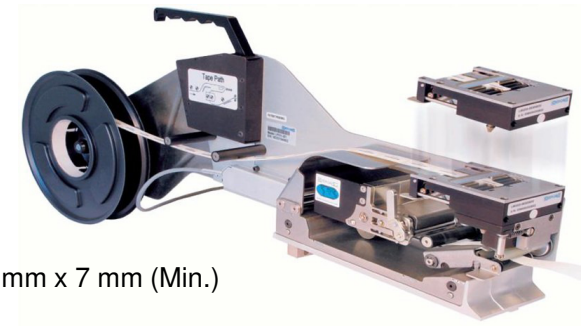
Placement speed	: 1000 mm/sec
Repeatability	: +/- 0.1 mm
Placement Accuracy	: 200 mm/sec max

Manipulator

Configuration	: U, X & Y Axis
Manipulator Motors	: X and Y Axis – Standard Servo Motor U Axis - Standard motor (360 degree rotation)
Maximum Speed	: 1.0 m/s
Manipulator Repeatability	: ±0.1mm
Manipulator Accuracy	: ±0.015 mm

Workstation

Board Positioning	: Pneumatic Stopper
Panel Location	: Located by tooling holes or edges of PCB
Panel Size	: Max: 500 mm x 500 mm (1 stage); 320 mm x 500 mm (2 stage) : Min: 90 mm x 90 mm; 400 mm x 400 mm (Version 2)
Panel Thickness	: 0.5 mm – 4.0 mm



Conveyor

Edge Clearance	: 4 mm
Max Payload	: 1.5 Kg.

Label Feeder

Feeder Capacity	: 4 pcs
Label Size	: 24 mm x 40 mm (Max.); 5 mm x 7 mm (Min.)

Vision System

Video camera	: High resolution CCD video camera, : PCB Fiducial capturing (Optional)

Bar Code Scanner

Supported Interfaces	: RS232C and USB1.1
Barcode Type	: 1D, 2D, Datamatrix, QR

MACHINE DIMENSIONS & UTILITIES:

Machine size	: 0.8M x 1.20M x 1.65M
Weight	: 650kg
Power Supply	: (options available)

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