

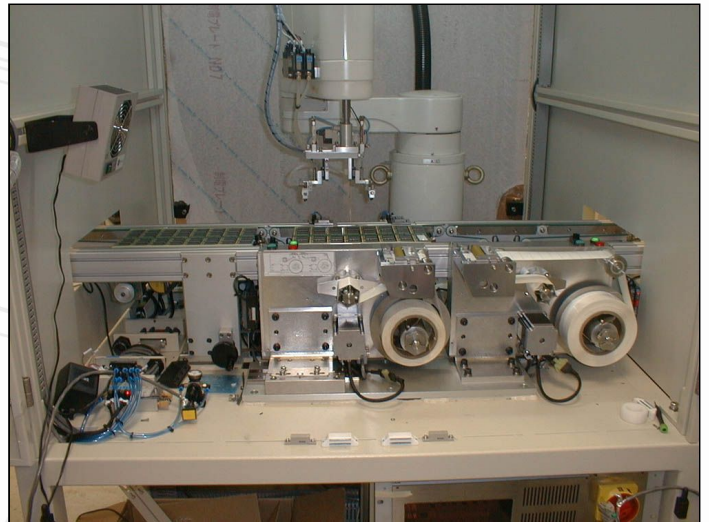


ALP: Auto label Placer

High speed inline label placer, with typical placement speeds of up to 16 labels in 25 seconds in **any** position

Features:

- Placement repeatability 0.5~0.8mm
- "C" axis for 360° placement
- "Z" axis for different label placement heights
- Synchronised label feed and pick up motion
- Vacuum head fitted to light spring for final label placement
- Optional Print and place facilities using Zebra 600 dpi printer, (barcodes, 2D matrix, logos, alpha numeric's, serial numbers etc)



The **Alp** captures over 14 years experience in robotics in particular the "Scara". This machine is divided into three functions:

Label dispenser

The ALP can be fitted with max two Pre-printed label dispenser, side by side, allowing for different labels to be placed on each board. Labels need to be supplied in roll form.

End Effector

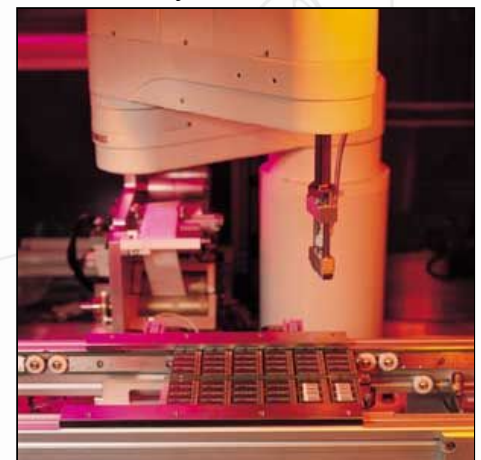
The scara robot with the use of a vacuum head, picks, manipulates into the correct position, and places the label onto PCB. Sensors detect successful label placement.

For higher throughput, an optional twin pick up head can be installed, that picks up two identical labels separately and deposits both in one placement. These heads are dedicated to PCB design.

Board conveyor

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

Machine general specifications	
PCB size (mm)	330 (L) x 250 (D)
Number of axis.	4 axis (Scara) X, Y, Z and C (rotating).
Positional Accuracy/Speed	0.025mm / Positional speed up to 1000mm per sec.
Placement per label	<3 secs (1.5 sec with dual head)
Interfacing	SNEMA
Conveyor System:	Manually adjustable with variable belt speed.
Machine External Dim.	1.1m (L) x 1.2m (D) x 1.7m (H)
Options	Scanner verifier, Panel flip station. (Refer to Zebra for printer specifications)(Barcodes, 2D, logos, running numbers,)



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