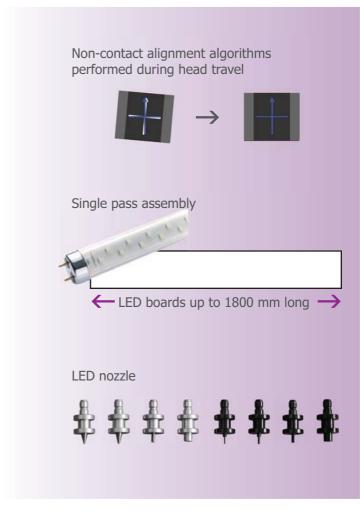


Features

- True 'Vision On the Fly' Alignment
- $\ensuremath{\bigcirc}$ Fiducial recognition and coordinate correction
- Assembles LED boards up to 1200 mm long in a single pass (option for 1800mm long)
- Positive air puffing at the pick-up nozzle ensures release of 'sticky' LED components during placement
- Large working platform allows multiply PCB production in one stage (for same type of PCB)
- Uninterrupted production by auto-selection for alternative when feeder is empty
- High-precision ballscrew drive
- Tape feeder allows tape connection to minimize production interruption
- Heavy-duty welded frame provides stability for precision placements even at high speeds
- Option Teflon® nozzles available for sticky LED components; customized nozzles available on request
- Three heads for high placement rates





Pick and Place Solutions LD812V4/LD812W3 LD806V4/LD806W3

for LED Board Assembly





Heavy-duty welded, uni-body steel frame provides stability for precision placements even at high speeds



Support various PCB board type, includes, LED boards up to 1200 mm long (or option to 1800mm), flexible PCB, or circular PCB



Upward-aimed true 'Vision On the Fly' Alignment cameras on the pick & place heads allow easy set-up for a wide range of LED components



Flying vision alignment on various LED components as well as SMDs. Teflon® nozzles also available for sticky LED components



With simply parameters inputs, the Windows-based software calculate the component coordination automatically



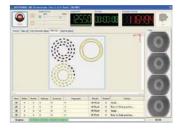
Software tools analyze placement data and component mix to provide optimum feeder arrangement that minimizes head travel and tool changes

220V(AC)

2200W



UCAD® universal CAD import and conversion for direct transfer of PCB data from ASCII, AutoCAD and Excel data formats



Real time monitoring screen previewing production progress, production speed production quantity during production

Chacification

Specification				
Machine Model	LD812V4	LD812W3	LD806V4	LD806W3
PCB specification Max. board size (standard)	1200mm X 300mm 1200mm X 260mm 0.2mm to 3mm Magnetic fixture (option conveyor)	1200mm X 300mm 1200mm X 260mm 0.2mm to 3mm Magnetic fixture (option conveyor)	600mm X 300mm 600mm X 260mm 0.2mm to 3mm Magnetic fixture (option conveyor)	600mm X 300mm 600mm X 260mm 0.2mm to 3mm Magnetic fixture (option conveyor)
Placement Specification Alignment principle No. of placement heads Placement rate Component size	Vision on the fly camera 4 15 000 / hour (IPC 9850) 1mm x 0.5mm to 8mm x 8mm	Vision on the fly camera 3 10 000 / hour (IPC 9850) 1mm x 0.5mm to 16mm x 14mm	Vision on the fly camera 4 15 000 / hour (IPC 9850) 1mm x 0.5mm to 8mm x 8mm	Vision on the fly camera 3 10 000 / hour (IPC 9850) 1mm x 0.5mm to 16mm x 14mm
Feeder capacity Feeding capacity	Max. 16 feeder ports (8mm tape)			
Mechanical Specification XY axis drive mechanism Board loading method In line production Placement accuracy X-Y Axis Resolution Z Axis Resolution R Axis Resolution	X axis: placement head; Y axis: board transport Working stage (option conveyor) Supported by option conveyor system +/-0.05mm 0.02mm 0.02mm 0.18 degree	X axis: placement head; Y axis: board transport Working stage (option conveyor) Supported by option conveyor system +/-0.05mm 0.02mm 0.02mm 0.18 degree	X axis: placement head; Y axis: board transport Working stage (option conveyor) Supported by option conveyor system +/-0.05mm 0.02mm 0.02mm 0.18 degree	X axis: placement head; Y axis: board transport Working stage (option conveyor) Supported by option conveyor system +/-0.05mm 0.02mm 0.02mm 0.18 degree
Programming Operation system Support language Programming	Windows 7 based English (mult language support) Easy programming (option CAD import)	Windows 7 based English (mult language support) Easy programming (option CAD import)	Windows 7 based English (mult language support) Easy programming (option CAD import)	Windows 7 based English (mult language support) Easy programming (option CAD import)
Physical specification Approximate Net Weight Machine dimension (LxWxH)	450KG 2630mm X 1130mm X 1490mm	445KG 2630mm X 1130mm X 1490mm	380KG 1230mm X 1130mm X 1491mm	375KG 1230mm X 1130mm X 1491mm
Facility Requirements Air Pressure	5.5 bar	5.5 bar	5.5 bar	5.5 bar

220V(AC)

2200W

220V(AC)

2200W

Standard Voltage

Power

220V(AC)

2200W