



HIGHLIGHTS

- ➔ 8 Synchronized Nozzles which ensure a repeatable placement accuracy with high speed.
- ➔ Machine runs on highly stable and secure Linux operating system.
- ➔ Double mark cameras to reach at extreme end feeders for better calibration.
- ➔ High resolution and high speed component camera system improves the overall speed of the machine,
- ➔ Ethernet communication interface for all internal signal travel makes the machine to perform more stable and flexible.
- ➔ Closed loop Servo control system with feedback makes the machine to function more accurate.
- ➔ Picking location of pneumatic feeder can be calibrated automatically and promptly, to ensure easy operation and high efficiency.
- ➔ PCB location can be calibrated automatically and promptly, based on the correct and specific placement request.

NEODEN 8

NeoDen8 features 8 simultaneous pick-up heads, has been designed for ease of use, efficiency, cost effectiveness and increased expand ability and compatibility. Using new, highly efficient linear servomotors, lightening and stiffening the head unit, and reviewing the placement speed of 16,000 CPH.

TECHNICAL SPECIFICATIONS

Model	NeoDen N8
No.of Placement Heads	8 nos
Vision Alignment	Flying Vision
Placement Rate	16000 CPH
Feeder Capacity	66 pcs (all 8mm width tape feeder)
Smallest Component	0201 Components
Max. Component Height	20mm
Placement Accuracy	0.01mm
Rotation	±180°
Air Source	8bar, 32L/min, 100L Capacity
Supported Reel Size	8mm, 12mm, 16mm, 24mm, 32mm, 44mm, 56mm
Max Board Dimension	540mm*300mm (1500mm optional)
Control System	Closed Loop Servo
Electricity Supply	220VAC, 500W
Type of Feeders	Pneumatic + Electric Feeder
Drive Motor	Panasonic Servo Motor A6
Vibration Feeder	Selectable
Net Weight	280Kgs
Gross Weight	360Kgs