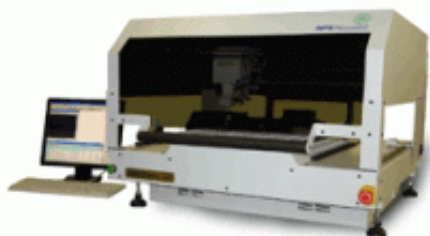


# LE40V Pick and Place Machine with Vision



**Brand:** DDM Novastar  
**Product Code:** 013803049541  
**Availability:** In Stock  
**Weight:** 0.00kg  
**Dimensions:** 1,016.00mm x 1,067.00mm x 686.00mm

## Short Description

Pick and place equipment with the finest assembly precision for low to medium volume PCB assembly production runs utilizing Cognex Vision system.

## NEW PRODUCT

## Description

Benchtop pick and place model with Vision equipment offers technologically advanced, low cost solutions for low to medium volume SMT placement applications. The LE40V is specifically designed for facilities where quick setup, ease of operation and high reliability are paramount.

- The highest quality with advanced technology at a cost effective solution
- Vision Centering using both top and bottom cameras “on the fly”
- Placement rates up to 3000 cph
- The best GUI (graphical user interface) in its class using Windows®-based software allows a new board to be programmed in minutes
- Up to 56 tape feeders, up to 84 tape positions with bank feeders
- Accurately places a wide range of components including 0201s, LED’s, BGAs, 15 mil pitch QFPs, SMT Connectors and many others\*
- Precision placement head design with closed-loop logic
- Auto fiducial correction and bad board mark standard
- Accurately place, manager, and track components with [SMTrue™ Smart Feeders](#)
- Cut tape, loose, tube, or tray feeders also available
- Integrated on-the-fly component centering using Mechanical fingers, Vision

(Cognex®), or Laser Technology (Cyber-optics®)(Optional)

- Self contained no shop air required
- Optional side-mount monitor arm available

## Specification

Pick and Place Machines	
Dispenser Option	Up to 10,000 dots/hour
Fine Pitch Capability	To 15 mil pitch (0.381 mm)
Largest Component Size	1.96" (50 mm) square body
Laser Centering	Touch-less Cyber-optics® laser
Matrix Tray Feeders	With Board/Matrix tray holders
Max Board Size	13.5" x 22" (343 mm x 560 mm)
Max No. of Feeders (8 mm Tape)	56
Max No. of Feeders with L-GB-12 Bank Feeders	84
Max Placement Rate	3000 cph
Max Travel Area	22" (X axis) x 22" (Y axis) (560 mm x 560 mm)
Overall Dimensions	40" x 42" x 27" (1016 mm x 1067 mm x 686 mm)
Placement Accuracy	± 0.001" (0.025 mm)
Smallest Component Capability	0201 components
Tape Feeders	8, 12, 16, 24, 32, 44 mm (electrical)
Typical Verifiable Placement Rate	1800 - 2500 cph
Vibratory Feeders	Loose, tube, stick (frequency & amplitude control)
Vision System	Cognex® Vision