Phone: - Email:

## LE40 Pick and Place Machine



**Brand:** DDM Novastar

**Product Code:** 0013803044430-20D

**Availability:** In Stock

Weight: 0.00kg

**Dimensions:** 1,016.00mm x 1,067.00mm x

635.00mm

## **Short Description**

Benchtop model with the finest assembly precision for low to medium volume assembly production.

## **Description**

LE40 benchtop model of pick and place machines offers technologically advanced, low cost solutions for low to medium volume SMT placement applications. The LE40 are 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
- Placement rates up to 3000 cph
- The best GUI (graphical user interface) in its class using Windows®-based software allows programming in minutes
- Up to 64 tape feeders, 96 8mm 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
- Fiducial correction (Auto fiducial correction optional)
- Easily interchangeable tape, loose, tube, or tray feeders
- Integrated on-the-fly component centering using Mechanical fingers (Standard) or Laser Technology (Cyberoptics®) (Optional)
- Auto tool changer with up to 4 nozzles 8 nozzles optional
- Self contained no shop air required

## **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  1.378" (35 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)  Max No. of Feeders with L-96  GB-12 Bank Feeders  Max Placement Rate  Max Travel Area  22" (X axis) x 22" (Y axis) (560 mm x 560 mm)  Overall Dimensions  40" x 42" x 25" (1016 mm x 1067 mm x 635 mm)  Placement Accuracy  ± 0.001" (0.025 mm)  Smallest Component  Capability  Tape Feeders  8, 12, 16, 24, 32, 44 mm (electrical)  Typical Verifiable  Placement Rate  Vibratory Feeders  Loose, tube, stick (frequency & amplitude control)	Specification	
Fine Pitch Capability  Largest Component Size  Laser Centering  Touch-less Cyber-optics® Laser  Matrix Tray Feeders  Max Board Size  Max No. of Feeders (8 mm Tape)  Max No. of Feeders with L-96  GB-12 Bank Feeders  Max Placement Rate  Max Travel Area  22" (X axis) x 22" (Y axis) (560 mm x 560 mm)  Overall Dimensions  40" x 42" x 25" (1016 mm x 1067 mm x 635 mm)  Placement Accuracy  ± 0.001" (0.025 mm)  Smallest Component  Capability  Tape Feeders  8, 12, 16, 24, 32, 44 mm (electrical)  Typical Verifiable  Placement Rate  Vibratory Feeders  Loose, tube, stick (frequency & amplitude control)	Pick and Place Machines	
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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) 64  Max No. of Feeders with L-96  GB-12 Bank Feeders 3000 cph  Max Placement Rate 22" (X axis) x 22" (Y axis) (560 mm x 560 mm)  Overall Dimensions 40" x 42" x 25" (1016 mm x 1067 mm x 635 mm)  Placement Accuracy ± 0.001" (0.025 mm)  Smallest Component Capability  Tape Feeders 8, 12, 16, 24, 32, 44 mm (electrical)  Typical Verifiable Placement Rate  Vibratory Feeders Loose, tube, stick (frequency & amplitude control)	Largest Component Size	1.378" (35 mm) square body
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GB-12 Bank Feeders  Max Placement Rate  Max Travel Area  Overall Dimensions  Placement Accuracy  Smallest Component  Capability  Tape Feeders  7	Tape)	
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	Placement Rate	
	Vibratory Feeders	Loose, tube, stick (frequency & amplitude control)
Vision System Color CCD Card Camera	Vision System	Color CCD Card Camera