LS40 Pick and Place Machine

Brand: DDM Novastar
Product Code: 013803049541
Availability: In Stock
Weight: 0.00kg
Dimensions: 1,016.00mm x 1,067.00mm x 1,346.20mm

Short Description
Premium model with unmatched precision for low to medium production.

Description
Our most popular pick and place machines, the LS40 machines offers a technologically advanced system with a 13" x 22" (330 mm x 559 mm) work area and 64 single feeder positions (or 96 tape positions using bank feeders) where quick setup, ease of operation and high reliability are paramount.

- The highest quality with the most advanced technology at a cost effective solution
- Accuracy +/- 0.001” (0.025mm)
- Placement rates up to 4800 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,15mil pitch QFPs, SMT Connectors and many others
- Servo driven, position feedback from a 2 micron linear scales coupled with a precision placement head
- Auto fiducial correction
- Cut tape, loose, tube, or tray feeders
- Integrated on-the-fly component centering using Mechanical fingers (*Standard*) or Laser technology (Cyberoptics®) (*Optional*)

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 (OPTION ONLY)
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-GB-12 Bank Feeders	96
Max Placement Rate	4800 cph
Max Travel Area	22" (X axis) x 22" (Y axis) (560 mm x 560 mm)
Overall Dimensions	40" x 42" x 53"h (1016 mm x 1067 mm x 1346.2 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	2500-3600 cph
Vibratory Feeders	Loose, tube, stick (frequency & amplitude control)
Vision System	Color CCD Card Camera