

LS60V Pick and Place Machine with Vision



Brand: DDM Novastar

Product Code: 013803049541

Availability: In Stock

Weight: 0.00kg

Dimensions: 1,016.00mm x 1,321.00mm x 1,346.20mm

Short Description

Most flexible premium model with Vision and unmatched precision for low to medium automatic production runs utilizing Cognex Vision system.

Description

Most flexible pick and place model with Vision offers technologically advanced features and automation with a

13" x 32" (330mm x 813mm) work area, 88 single feeder positions (up to 132 feeder positions using bank feeders), where quick setup, ease of operation, and high reliability are paramount. NEW [LS60V-LED model for LED package placement applications](#).

- The highest quality automatic pick and place machine with the most advanced technology at a cost effective solution
- Accuracy $\pm .001''$ (0.025 mm)
- 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 88 tape feeders, 132 8 mm tape feeders 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 read
- Integrated on-the-fly component centering using Vision (Cognex®) Laser Technology (Cyber-optics®) (*Optional*) or Mechanical fingers
- Accurately place, manage, and track components with [SMTrue™ Smart Feeders](#)

- Cut tape, loose, tube, or tray feeders

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	2.00" (50 mm sq.)
Laser Centering	Touch-less Cyber-optics® laser (OPTION ONLY)
Matrix Tray Feeders	With Board/Matrix tray holders
Max Board Size	13.5" x 32" (343 mm x 813 mm)
Max No. of Feeders (8 mm Tape)	88
Max No. of Feeders with L-GB-12 Bank Feeders	132
Max Placement Rate	4800 cph
Max Travel Area	22" (X axis) x 32" (Y axis) (560 mm x 813 mm)
Overall Dimensions	40" x 52" x 53" (1016 mm x 1321 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	Cognex® Vision