

# 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