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
Max Board Size Max No. of Feeders (8 mm Tape) Max No. of Feeders with L- GB-12 Bank Feeders Max Placement Rate Max Travel Area Overall Dimensions Placement Accuracy Smallest Component Capability Tape Feeders 8, 12, 16, 24, 32, 44 mm (electrical) Typical Verifiable Placement Rate Vibratory Feeders 13.5" x 22" (343 mm x 560 mm) 64 40" x 42" x 25" (1016 mm x 1067 mm x 560 mm) 10001" (0.025 mm)	Laser Centering	Touch-less Cyber-optics® Laser
Max No. of Feeders (8 mm Tape) Max No. of Feeders with L-96 GB-12 Bank Feeders Max Placement Rate Max Travel Area 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)	Matrix Tray Feeders	With Board/Matrix tray holders
Tape) Max No. of Feeders with L-96 GB-12 Bank Feeders Max Placement Rate Max Travel Area Overall Dimensions Placement Accuracy 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)	Max Board Size	13.5" x 22" (343 mm x 560 mm)
Max No. of Feeders with L-GB-12 Bank Feeders Max Placement Rate Max Travel Area 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)	Max No. of Feeders (8 mm	64
GB-12 Bank Feeders Max Placement Rate Max Travel Area Overall Dimensions Placement Accuracy Smallest Component Capability Tape Feeders 7	Tape)	
Max Placement Rate3000 cphMax Travel Area22" (X axis) x 22" (Y axis) (560 mm x 560 mm)Overall Dimensions40" x 42" x 25" (1016 mm x 1067 mm x 635 mm)Placement Accuracy± 0.001" (0.025 mm)Smallest Component0201 componentsCapability7ape Feeders8, 12, 16, 24, 32, 44 mm (electrical)Typical Verifiable1800 - 2500 cphPlacement RateLoose, tube, stick (frequency & amplitude control)	Max No. of Feeders with L-	-96
Max Travel Area 22" (X axis) x 22" (Y axis) (560 mm x 560 mm) 40" x 42" x 25" (1016 mm x 1067 mm x 635 mm) Placement Accuracy 5mallest Component Capability Tape Feeders 8, 12, 16, 24, 32, 44 mm (electrical) Typical Verifiable Placement Rate Vibratory Feeders Loose, tube, stick (frequency & amplitude control)	GB-12 Bank Feeders	
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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)	Max Travel Area	22" (X axis) x 22" (Y axis) (560 mm x 560 mm)
Smallest Component Capability Tape Feeders Typical Verifiable Placement Rate Vibratory Feeders 0201 components 8, 12, 16, 24, 32, 44 mm (electrical) 1800 - 2500 cph Loose, tube, stick (frequency & amplitude control)	Overall Dimensions	40" x 42" x 25" (1016 mm x 1067 mm x 635 mm)
Capability Tape Feeders 8, 12, 16, 24, 32, 44 mm (electrical) Typical Verifiable Placement Rate Vibratory Feeders Loose, tube, stick (frequency & amplitude control)	Placement Accuracy	± 0.001" (0.025 mm)
Tape Feeders 8, 12, 16, 24, 32, 44 mm (electrical) Typical Verifiable 1800 - 2500 cph Placement Rate Vibratory Feeders Loose, tube, stick (frequency & amplitude control)	Smallest Component	0201 components
Typical Verifiable Placement Rate Vibratory Feeders 1800 - 2500 cph Loose, tube, stick (frequency & amplitude control)	Capability	
Placement Rate Vibratory Feeders Loose, tube, stick (frequency & amplitude control)	Tape Feeders	8, 12, 16, 24, 32, 44 mm (electrical)
Vibratory Feeders Loose, tube, stick (frequency & amplitude control)	Typical Verifiable	1800 - 2500 cph
	Placement Rate	
	Vibratory Feeders	Loose, tube, stick (frequency & amplitude control)
Vision System Color CCD Card Camera	Vision System	Color CCD Card Camera