

CS40 BENCHTOP AUTOMATED PICK & PLACE



Features:

- Provides affordable automatic pick and place operation in a benchtop system
- Individual 8, 12, 16, 24, 32 & 44 mm & 12 lane 8mm tape bank feeders available
- Inserts available for stick/tube/loose components in a vibratory feeder for SMT components including discrettes, 0603s, SOICs, PLCCs, and 25 mil pitch QPPs
- Easy to set up, easy to program and easy to use with Windows™ based software
- Optional convenient SuperStrip™ feeders for short tape strips
- System includes 4 position nozzle changer for most SMT component sizes
- Placement rates up to 2100 cph
- Includes 15" flat screen monitor

Specifications:

MODEL	CS40
Max Board Area	13.5" x 22" (343 x 560 mm)
Max Travel Area	22" (X Axis) x 22" (Y Axis) (560 x560 mm)
Z Axis Max Travel	1.5" (38 mm)
Board Thickness	0.020" - 0.156" (0.5mm - 4.0 mm)
Typical Verifiable Placement Rate	1000-1800 cph
Max Placement Rate	2100 cph
Placement Accuracy	(±) 0.006" (0.15 mm)
Fine Pitch Capability	to 25 mil pitch (0.635 mm)
Smallest Component Capability	0603 packages
Largest Component Size	1.378" (35mm) square body
Max no. of Feeders	64 (individual), 96 (bank)
Individual Tafe Feeders	8, 12, 16, 24, 32 & 44 mm (Electrical)
Vibratory Feeders	Loose, tube, Stick, (Freq. & Amplitude Control)
Matrix Tray Feeders	With Board/Matrix Tray Holders
Component Orientation \varnothing -axis Motion	(±) 360° in 0.90° Step
CS40 System Dimensions	40" x 42" x 25"h (1016 x 1067 x 635 mm)
Centering	Centering Fingers
Weight	200 lbs (114 kg)
Board Holding	Edge Clamp w/pptional Board Support Tooling
Data Entry	Coordinate entry "Teach" mode with color CCD camera CAD download
Vision System	Color CCD Card Camera
Automatic 4 Position Tool Changer	Additional Charger Optional
Operating System	Windows®
Dispenser Option	Time & Pressure, Clean Dry Air @ 80 psi Required
Power	120 VAC, 50/60 Hz, 220-240 VAC Available
Compressed Air	60 psi Required for Vacuum
Vacuum Option	Self Contrained Compressor, No Air Required

MACHINE OPTIONS	
L-NC4	Extra 4 position Nozzle Changer - For 8 Total Positions
L-LD	Liquid Dispenser
L-BHS	Board Support
L-UCT	CAD Editor Software Option
L-SCV	Vacuum - Self Contrained

FEEDER OPTIONS*	
L-VF	Vibratory Tube/Loose Feeder - Option
L-T (Tape Feeders)	8, 12, 16, 24, 32 & 44 mm - Option
L-MBH	Matrix Tray Holders (Set of 2) - Option
L-SS-XX	Dual LaneStrip™ Feeder for Strips from 1° to 12" - Option XX indicates Tape Width: 8, 12, 16, 24, 32, 44 and 56 mm
L-BF-12	12 Lane Bank Feeder for 8 mm Tapes
L-BFRH-12	Reel Holder for L-BF-12 Bank Feeder

* Custom options, nozzles and feeders available - Contact Factory