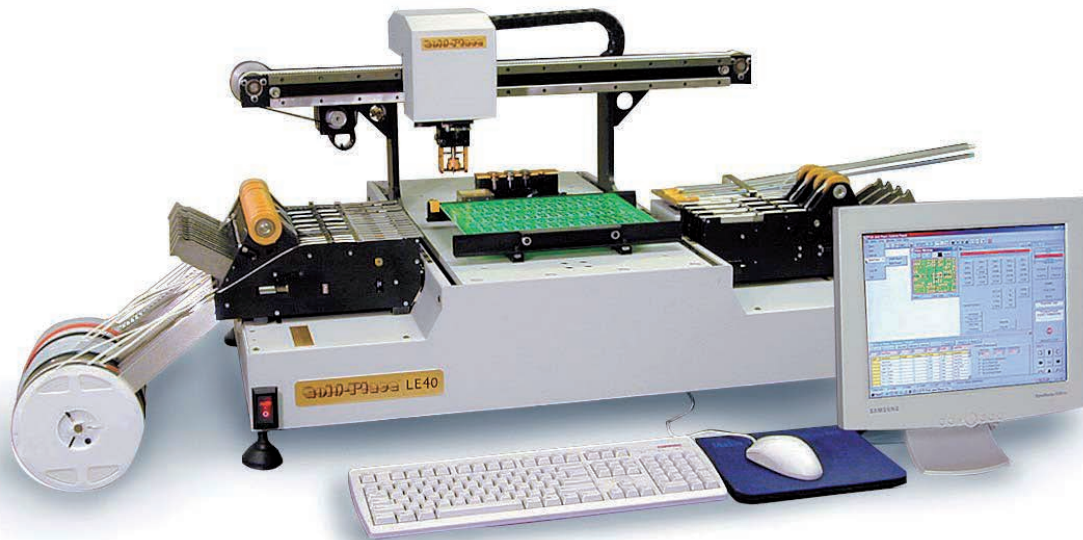


LE 40 BENCHTOP AUTOMATED PICK & PLACE



Model LE 40
Benchtop shown

Features

- Capable of placing a wide range of components from 0201discretes and SOICs to PLCCs and 15 mil pitch QFPs
- Placement rates up to 3000 cph
- Friendly, easy to use Windows® based software
- Standard self contained vacuum eliminates need for costly external air source
- Short tape strips can be set up easily using the unique SuperStrip™ feeders
- 8, 12, 16, 24, 32 & 44 mm tape feeders available
- Vibratory feeders for stick/tube fed and loose components
- Provides economical automatic pick and place operation in a benchtop system

Specifications

Max board area	LE40	13.5" x 22" (343 x 560 mm)
Max travel area	LE40	22"(X axis) x 22"(Y axis) (560 x 560 mm)
Z axis max travel		1.5" (38 mm)
Board thickness		0.020" - 0.156" (0.5mm - 4.0 mm)
Typical verifiable placement rate		1800-2500 cph
Max placement rate		3000 cph
Placement accuracy		standard, ±0.001"
Fine pitch capability to		15 mil pitch (0.381mm)
Smallest component capability		0603 packages standard, 0201s**
Largest component size		1.378" (35mm) square body
LE40 max no. of feeders (8mm tape)		64, (with Bank Feeders: 96)
Tape feeders		8, 12, 16, 24 mm (Electrical)
Tube feeders (bulk also)		8, 10, 14, 18, 24, 32 mm (Manual freq. control)
Matrix Tray Feeders		with Board/Matrix tray holders
Component orientation Ø-axis motion		± 360° in 0.18° step
System dimensions LE40		40" x 42" x 25"h (1016 x 1067 x 635 mm)
Standard centering		Centering fingers - 1 set mounted on head

Weight LE40	250 lbs (114 kg)
Board holding	Edge clamp w/optional board support tooling
Data entry	Coordinate entry, "teach" mode, CAD download
Vision system	Color CCD card camera
Automatic Tool changer	4 position
Operating system	Microsoft Windows
Dispenser	Syringe holder type
Power	120 VAC, 50/60Hz, 220-240 VAC available
Vacuum	on-board compressor standard
Compressed air	Shop air required for dispenser option only, 60 psi
Low-force fine pitch squaring station	L-SQ

Machine Options*

L-LD	Liquid dispenser
L-UCT	CAD editor software option
L-AFC	Auto fiducial recognition
L-TS	Touch screen with enhanced operator interface

Feeder Options

L-VF	Vibratory tube/bulk feeder
L-T (tape feeders)	8, 12, 16, 24, 32, & 44 mm
L-BF-12 (bank feeder)	12 lane bank feeder for 8mm tapes
L-MBH	Matrix tray holder
L-SS-XX	Dual Lane SuperStrip™ feeder for strips from 1" to 12" long
	XX indicates tape width: 8, 12, 16, 24, 32, 44, and 56 mm

*Custom options, nozzles and feeders available - contact factory.