



# MicroSert

## TECHNICAL DATASHEET

WITH OPTIONAL BOBBIN  
FIXTURE AND AUTOPIN/2™ HEAD

### BENCH TOP INSERTION SYSTEM

The MicroSert™ Bench Top Insertion System is the most cost-effective automated platform designed for smaller production environments. Its design allows one operator to run two machines simultaneously which significantly increases the production efficiency.

A single head stand-alone base incorporates a 12"x12" (304mm x 304mm) insertion area and is digital servo motor driven. Small but powerful, the MicroSert system inserts up to three components per second and is built for today's fast-paced global manufacturing environment.

### PRODUCT FEATURES

- Insertion rate up to 3 per second
- Repeatability: .001" (.0254mm)
- Insertion area: 12"x12" (304mm x 304mm) scalable to 14" Y axis (355mm) and 18" X axis (457mm)
- Large touch screen monitor: 10.4" (264mm)
- Easy-to-program Windows XP Professional operating system
- Industrial digital 3-axis controller
- USB port
- Interchangeable modular component heads

# MICROSERT™ SPECIFICATIONS

## DIMENSIONS

Length:	37.75"	(958 mm)
Width no tab reel:	13.25"	(336 mm)
Height with leg pads:	21"	(533 mm)
Height with pin reel:	47"	(1193 mm)
Weight:	350 lbs	(159 kg)

## COMPONENTS

MicroSert™ machine is compatible with the entire family of tooled components in solid press-fit and compliant (solderless) technology.

Solderless components are available in many pin and blade sizes.

Continuous reeled pins are available in every size and length, as well as with unique features.

## MODULAR INSERTION HEADS

We carry more than a dozen of various insertion heads designed for each component. We also offer the development of unique heads and tooling specifically for your project.

Our modular insertion head technology allows for quick application tooling changeover and maintenance.

## USER INTERFACE

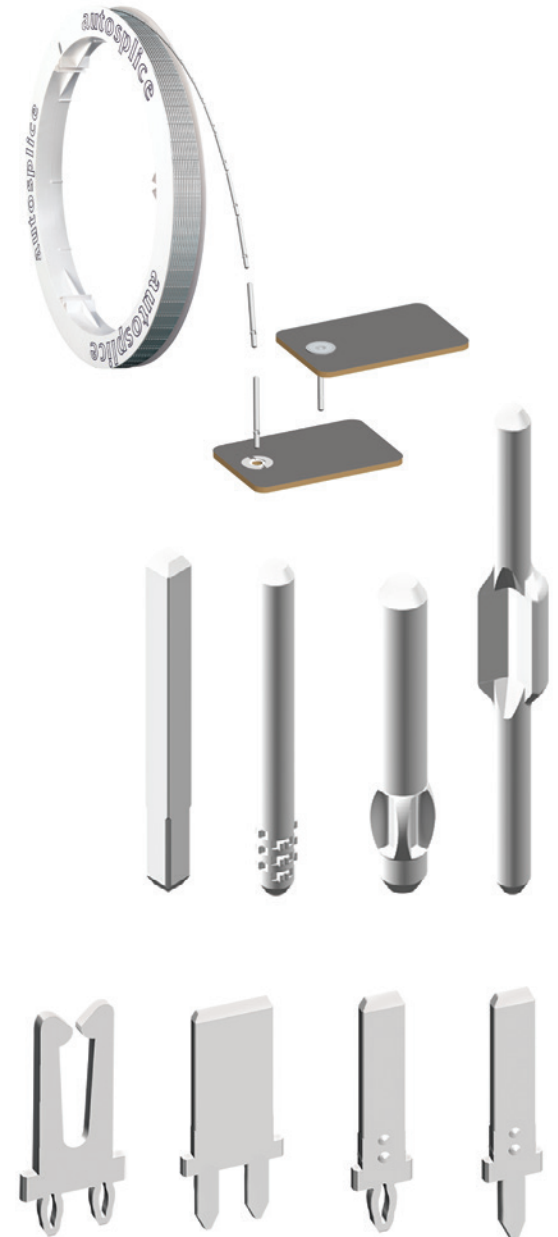
MicroSert machine features user-friendly Windows XP Professional operating system with touch screen display and USB port for optional keyboard. It is very easy to program and use.

## ELECTRICAL

Voltage: 200-240 VAC, 30 amps

## DESIGN

Designed and manufactured to ISO/TS 16949-2009 quality standards



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