



### Competitive Pricing

LaserTec promise its customers competitive pricing across the complete range of Surface Mount Technologies (Conventional to ultra fine pitch).



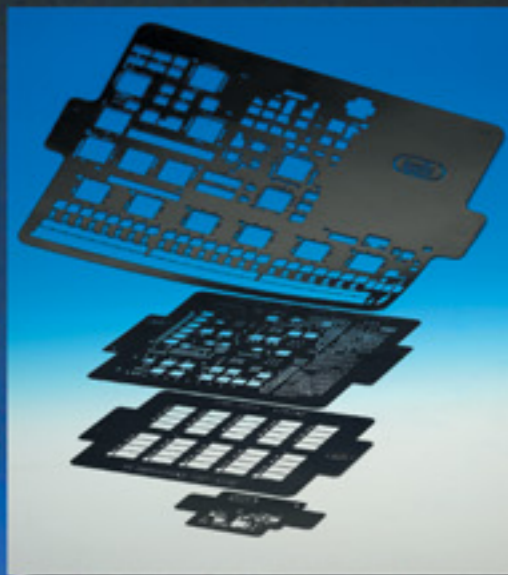
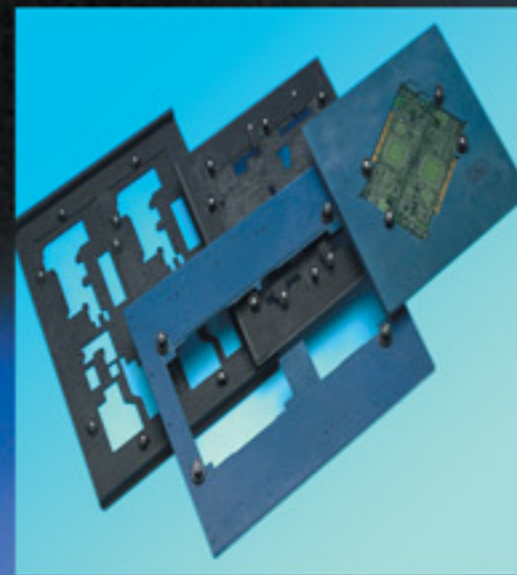
### Flexibility

Is the hallmark of LaserTec. We understand and appreciate customer needs and our aim is always to exceed expectations.



### Quality

Is the No. 1 Priority at LaserTec



Dara Design Tel: 01 672 5222



Registered Number 0268



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The supplier of choice for Precision SMT stencils, Pallets, Tooling & Templates... all produced from the same PCB design data and delivered at optimum value to the customer.



### Introduction

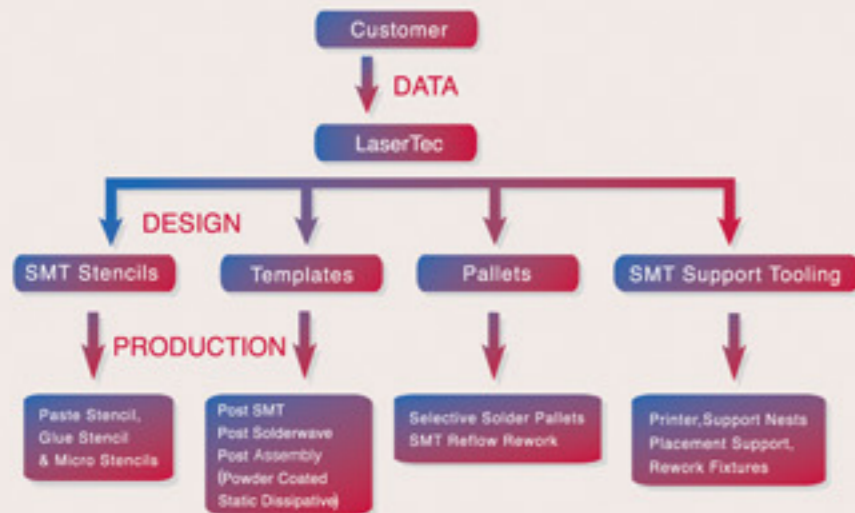
Established in 1994, Lasertec is Ireland's leading supplier of precision SMT stencil and tooling products. Our ability to understand our customer needs combined with significant investment in state of the art Laser, CNC and CAD/CAM technology makes LaserTec the supplier of choice for the majority of electronics assembly companies.

LaserTec is unique in the industry by providing its customers with a comprehensive range of products from laser-cut stencils, precision pallets and tooling products to high resolution inspection templates. All these products are produced from the same data source supplying our customers with the most



effective and innovative solutions for SMT, Solderwave, Pressfit, assembly and other speciality applications .

All our products are designed to accelerate your SMT & assembly processes , driving down production costs and creating a streamlined operation. See how a partnership with LaserTec can reduce your costs and help optimise the entire production process...

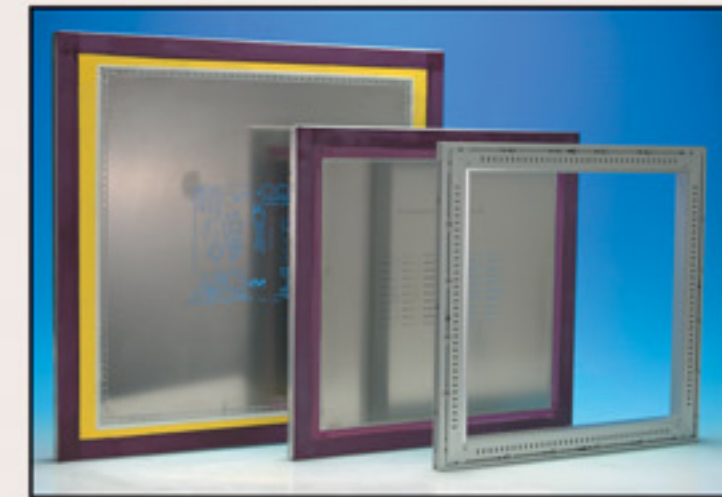


### Precision SMT Stencils

LaserTec offer unrivalled turnaround times of 3-4 hours for stencils and guaranteed security of supply. Proven quality, accuracy and repeatability, our stencils provide superior paste release and deposition for standard and ultra-fine pitch applications.

All LaserTec stencils are designed and produced to the highest standards. The professional and skilled team at LaserTec are committed to working closely with customers in order to develop optimum stencil/process specifications and advice is readily provided on all aspects of the screen printing process.

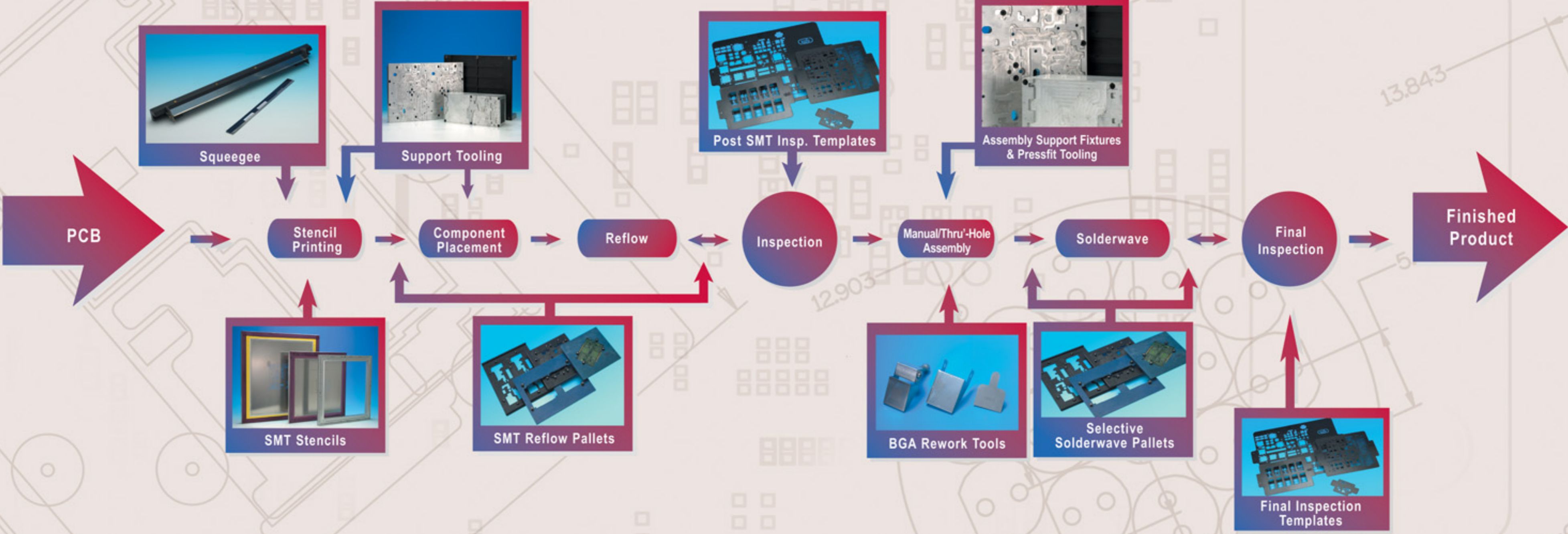
Cross-section of 16mil pitch stencil apertures cut by Laser. Notice the consistent cut quality and vertical side walls with taper which encourage optimum paste release.

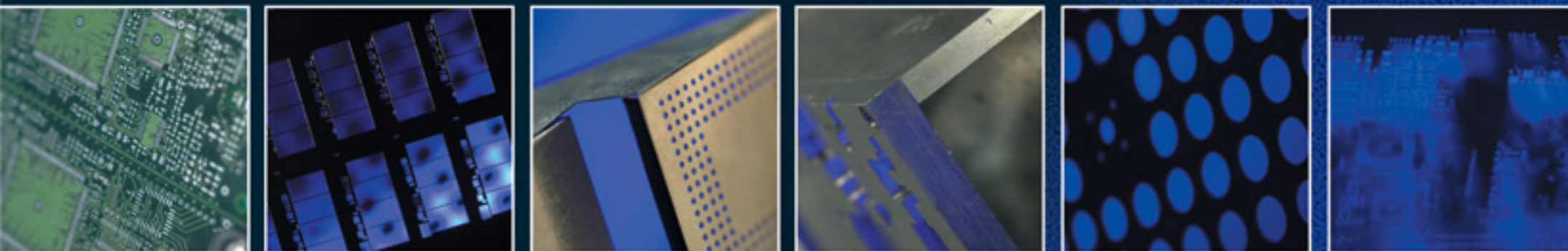


Other **stencil products** include:-

- Adhesive stencils for standard and variable dot height printing
- Intrusive reflow Stencils
- Additive Trace Relief stencils
- Laser masks for component marking
- BGA Rework and Micro-Stencils
- Step-etch Stencils

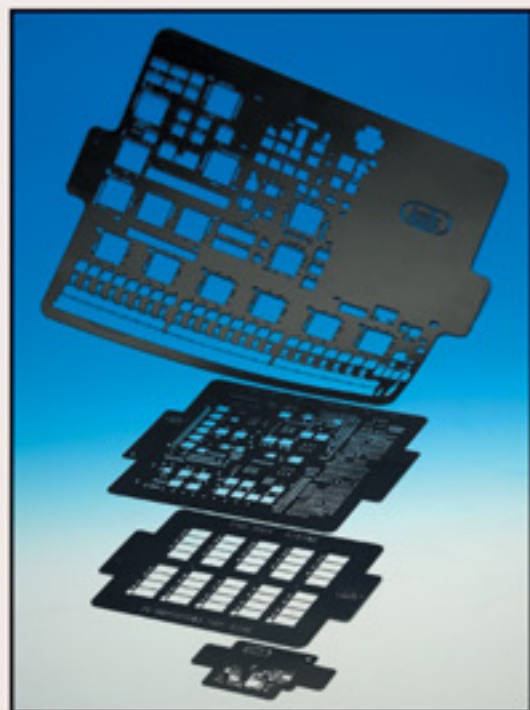
From original PCB design data LaserTec supplies a comprehensive range of tooling products for SMT and assembly operations





### High Resolution Inspection Templates

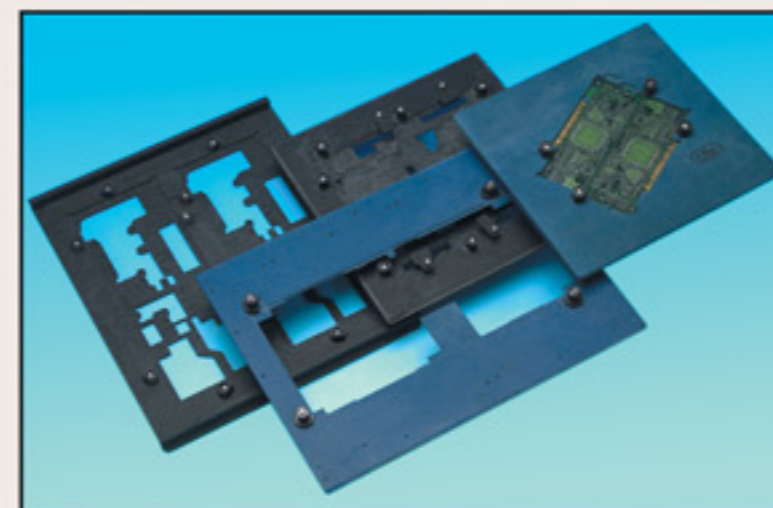
This template is produced using the high resolution cutting ability of the Laser on stainless steel foil. All our templates are coated with a static dissipative material making the product reliable, safe and resistant to damage. It is a very popular method for inspecting PCB assemblies at different stages in the production process ...PostSMT, Post Wave and Final assembly.



### Ltec SMT Pallets & Tooling

LaserTec designs and manufactures tooling and pallets to solve problems encountered during the SMT process. Our complete line of SMT products help reduce costs, eliminating unnecessary manual and rework operations:-

- Ltec SMT Carriers utilising speciality low profile hold-downs
- Ltec Vacuum fixtures for Screen Print and Placement operations
- Ltec Component/ Matrix trays
- BGA/other rework fixturing
- Board stiffeners (with special coating)
- Placement PIN support templates



### Ltec Solderwave Pallets

LaserTec offers a complete design and manufacturing service for conventional open aperture and Selective Solder Wave Palettes.

We have extensive experience in solving customer's SMT and Selective Wave Soldering problems. LaserTec use the latest design techniques and standards to provide an optimum solderwave process.

### Other Product / Services

- High resolution PCB scanning
- Centroid Machine Placement data
- Transition Automation Squeegees
- Boardlok support tooling
- Heraeus range of adhesives and solderpastes

