



Tannlin

tannlin.com

The latest innovation in laser stencil machines

Building on our pedigree of laser innovation which led us to develop the highly successful T-Series of laser systems, comes the all new T11.

The Tannlin T11, our latest, highly integrated laser stencil cutting machine incorporates simultaneous automatic optical inspection, to guarantee perfect laser cut apertures for the highest performance stencils in electronics assembly processing.

As one of Europe's leading stencil manufacturers, Tannlin have a wealth of experience in what makes a great stencil cutting machine. We listened to our engineers, operators and our excellent T-Series owners feedback, to make the T11 the most advanced laser stencil machine in the world.

Parameter

Performance

Material processing capability	From 0.01mm to 0.6mm (Stainless steel)
Process window	0.603 x 0.603 up to 1.8 x 0.603 (m)
Throughput	Up to 30,000 per hour (High density SMT) Up to 70,000 per hour (Wafer bump)
Positioning capability	Feature accuracy +/- 1microns Aperture repeatability <1micron Global repeatability +/- 2micron Global Accuracy +/- 5microns Resolution 10nM
Motion	Max speed - 3M/s Max, Acceleration - 4G
Operation	T11 model Enhanced Virtual Interface
Inspection	Camera Vision System including auto alignment and HD AOI
Gas	Gas/O2 switchable for cutting
Diagnostics	Remote diagnostics included
Data transfer	Standard file formats, RS274X, DX
Interface	Ethernet, US
Physical characteristics	Weight 1600Kg
Power requirements	Single phase 16 amps 220V
Dimensions	Dimensions 1.3m x 1.3m x 1.2m
Safety	Class 1 enclosure