



Siam P&W Technic

Special Laser Solution For **Precise Thin Film Cutting**

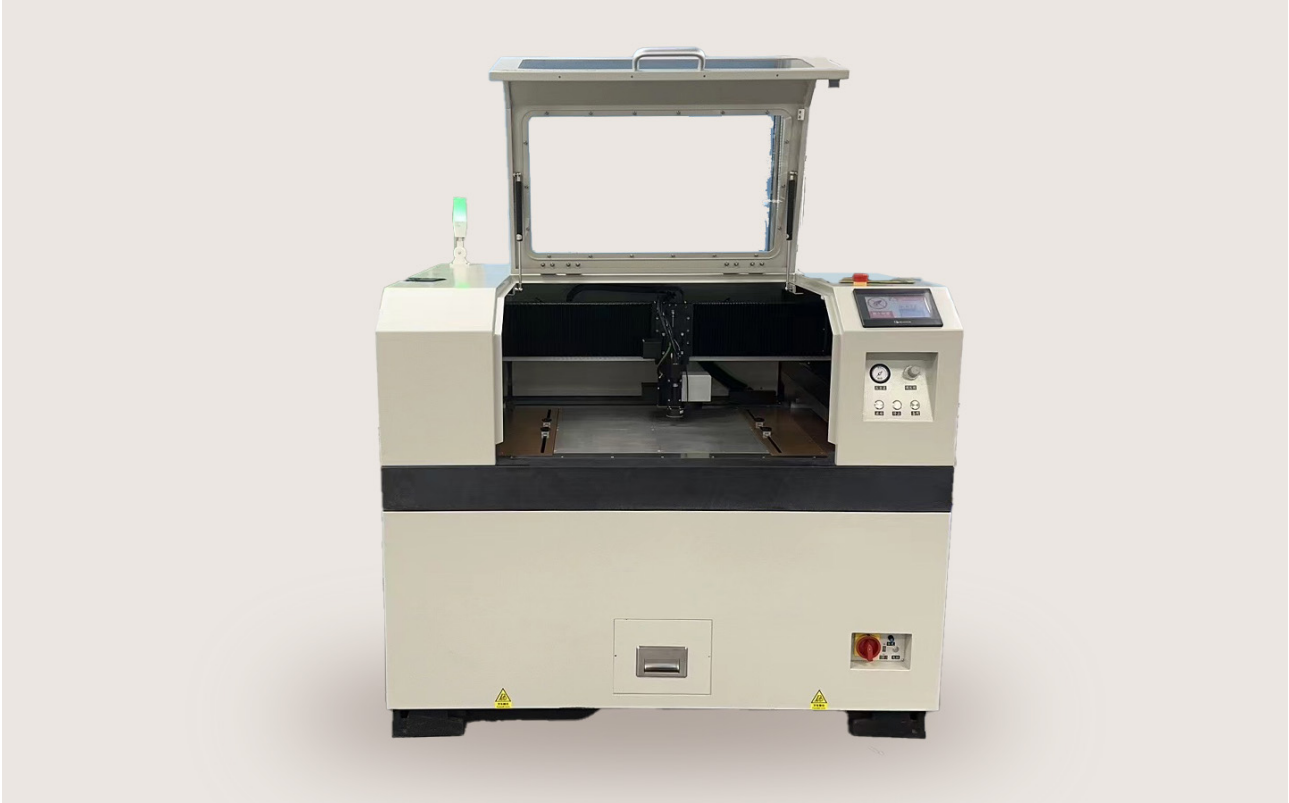


Specific to Thin Film cutting application with **Accuracy within $\pm 0.05\text{mm}$** . Fast and stable machine equipped with High Speed scanning system. Suitable for Automotive Applications for reflective film, OCA, form, ITO conductive film, FPCB, etc.



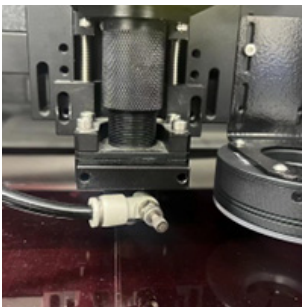


Machine Specification

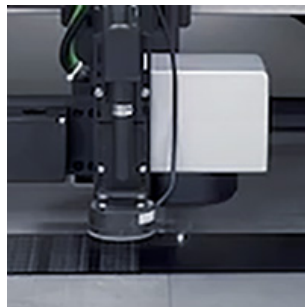


Model: **LTC STS-T4050**

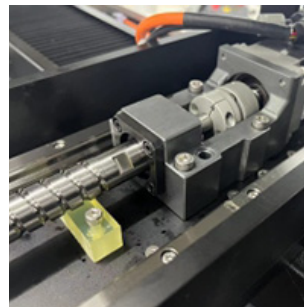
Features



Collimated beam
laser cutting head.



Galvanometer-
driven laser
scanning mirror
system. (optional)



Ball screw
transmission
system for
accuracy.



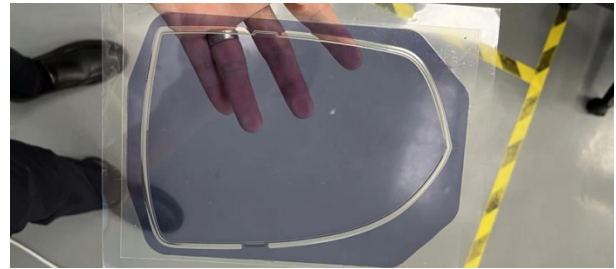
30W COHERENT
CO₂ laser source.
(optional 50W)



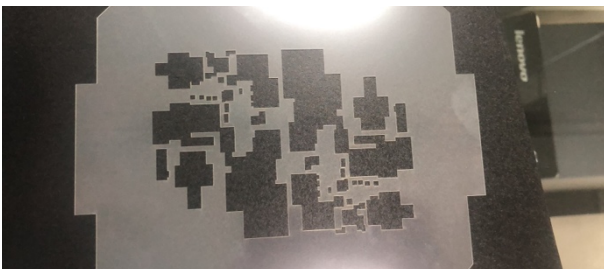
Material Samples



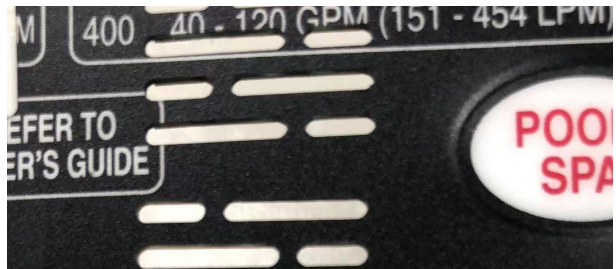
CPI (Colored Polyamide)



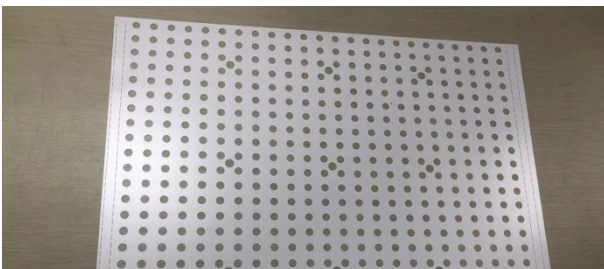
EC (3M™ ElectroCut™)



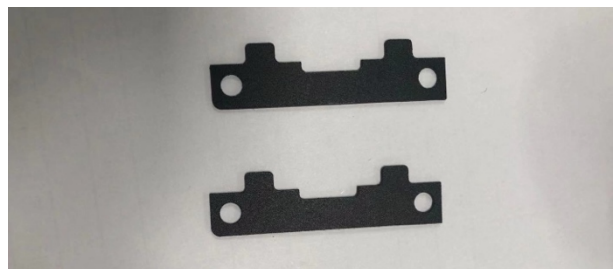
PET SMT



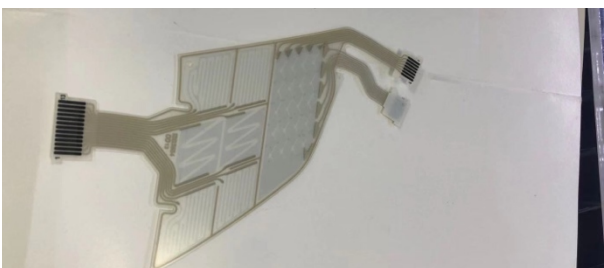
Mylar (PET)



Reflective film



Insulation film



FPCB



ASF (Anti Scattering Film)



Polarizing film



High temperature sponge (Silicon)

Specifications

Model	LTC STS-T4050
Laser Source	COHERENT CO ₂ laser 30W (50W optional)
Working Area	400 x 500 mm
Cutting Method	Collimating cutting (Optional galvanometer system)
Thickness	0.1 - 3.0 mm
Accuracy	± 0.05 mm
Repeating Accuracy	± 0.025 mm
Max Cutting Speed	300 mm/s
Max Travel Speed	300 mm/s
Positioning Method	CCD visual positioning or manual
Platform	Aluminum platform with suction
Ventilation	Top and bottom smoke suction
Dimension	1,250 x 1,160 x 1,250 mm (WxDxH)
Weight	750 kg

Requirements

File Type	DXF
Power	220V / 10A / 2-phase

