

GCC LaserPro T500

The Fastest Large Format Laser Engraving and Cutting System in Its Class



T500

- High wattage laser tube is available
- Cutting and engraving in one machine
- AC Servo Motor Technology for precise movement control
- Adjustable acceleration enables higher productivity
- Laser Pulsing Technology for accurate laser firing control
- Excellent engraving quality with 3D capacity
- AAS Module performs automatic graphic contour tracking task
- Rigid aluminum extrusion frame



Wood Engraving

Laser Cutter

GCC



GCC LaserPro T500

Developed on the basis of GCC LaserPro's accumulated technology with new powerful motion system. GCC LaserPro T500 is capable of exceptional 3D engraving quality and cutting at high speed which make it a high ROI laser system on the market. Equipped powerful 200W laser tube allow user to deliver clear and fine cutting result. GCC LaserPro T500 is a dedicated design to fulfill your cutting and engraving needs in one machine with high throughput and superb quality. With a series of user-definable features, the T500 is the flexible and user-friendly laser system for your choice.

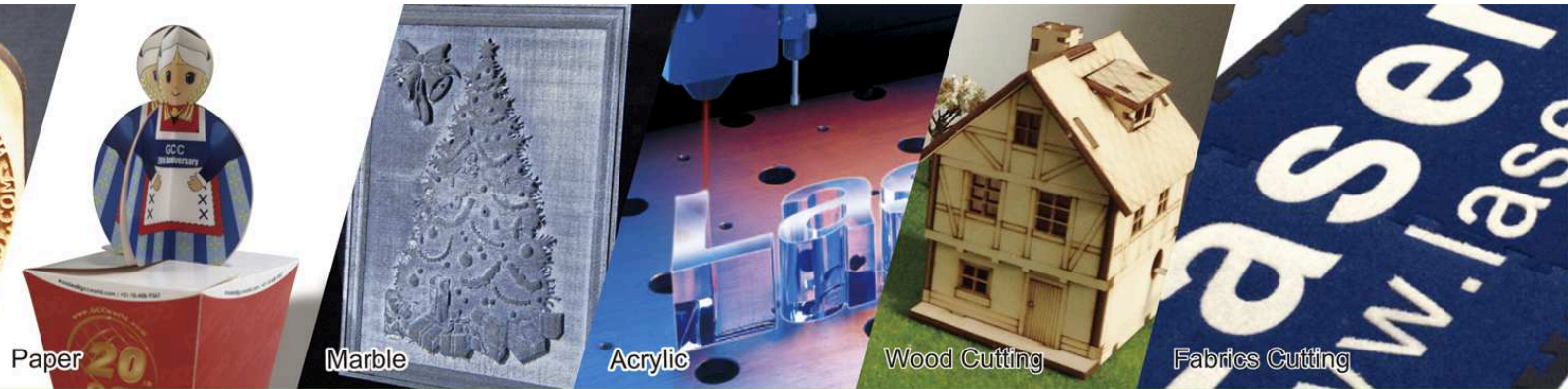
AC Servo Motor and Unique Motion

High torque and high speed AC servo motor assures long motor lifetime and high precision. A light weight and high strength structure together with AC servo motor and steel cord belt to provide first class stability and accuracy.



Outstanding Cutting Capability

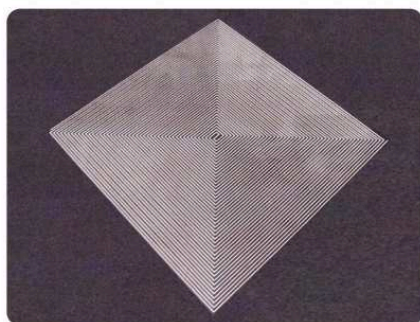
T500 delivers high cutting quality with LaserPro's unique laser firing control technology. Up to 200W output power options, GCC LaserPro T500 can cut through 1" (25 mm) acrylic in a single pass with a smooth finish and unmatched clear cutting edge.



LaserPro T500

Excellent Speedy Scribing Quality

T-500 embrace extraordinary control system and rigid motion system allow user to create top-notch vector scribing quality with high speed.



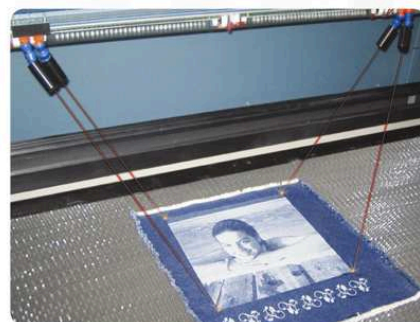
AAS Contour Cutting Device

Developed by LaserPro, AAS is an exceptionally user-friendly operation which offers accurate and faultless contour cutting by automatically tracking the position of graphics.



SmartPOINT Positioning Device (Patent Pending)

Material positioning made extremely easy by use of 4 red beam diodes. Simply aim each red beam diodes at distinct points on the material and the red beam becomes a very useful positioning tool to replicate previous jobs precisely.



Superior Engraving Quality

T500 persists with GCC LaserPro's excellent engraving capability. Having cutting and engraving capability in one product, no more time wasted on switching materials from cutting and engraving machine. Compare to conventional cutting product. It is difficult to have a good and consistent raster performance with large working area, but T500 can.



Knife-shaped Cutting Table

Unique cutting table with tipped bars that can be easily adjusted without tools to create different levels of working depths. The cutting table of T500 reduces laser reflections and delivers clear cutting edge.



LED Light Illumination System

A LED light module that illuminates the working space and makes every engraving detail easy to see.

Optional Items



SmartGUARD™
Fire Alarm Device



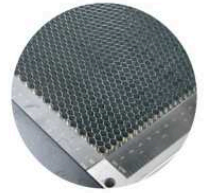
AAS Contour
Cutting Device



Air Extraction



Water Chiller



Honeycomb Table

Specification		T500		
Model Name		T500-60Ti	T500-100T	T500-200F
Laser Source		60W	100W	200W
		Sealed CO ₂ Laser		
Cooling		Air-cooled		Water-cooled
Working Area		51.1 x 36.1 in. (1300 x 916 mm)		
Max. Part Size (W x L x H)	Normal	51.1 x 36.1 x 2.3 in. (1300 x 916 x 60 mm)		
	With SmartEXT	51.1 x ∞ x 1 in. (1300 x ∞ x 25 mm)		
	With Honeycomb	51.1 x 36.1 x 0.2 in. (1300 x 916 x 5 mm)		
Dimensions		71.6 x 49.2 x 52.3 in. (1820 x 1250 x 1330 mm)		
Weight		420 kg / 924 lb		440 kg / 968 lb
Driver		AC Servo Control		
Maximum Cutting Speed*		Cutting Speed:30 IPS / Engraving Speed :40IPS		
Throughput (SIPH-Square Inch Per Hour)		133.2 in ² /hr (864.2 cm ² /hr)		
Speed Control		Adjustable from 0.1 - 100% (Up to 16 color-linked speed settings per job)		
Power Control		Adjustable from 0 - 100% (Up to 16 color-linked power settings per job)		
Distance Accuracy		0.254 mm or 0.1% of move, whichever is greater		
Z-Axis Movement		Manual		
Resolution (DPI)		Available 125, 250, 300, 500, 600, 1000		
Computer Interface		Standard printer port and USB port		
Memory Buffer		32MB standard		
Lens		Standard 4" focal lens in enclosed lens carriage (Optional 2" lens available)		
Display Panel		4-line LCD panel showing current file name, total working time, laser power, engraving speed, file(s) loaded into memory buffer, setup and diagnostic menus.		
Safety		Class 2 for red pointer		
Cutting Table		Knife-shaped cutting table with dust collecting tray		
Facility Requirements				
Electrical		AC220V/10A	AC220V/20A	
Power Consumption		3300W	4400W	
Air Exhaust System		External exhaust system required to connect to 8-inch and 1-inch openings on machine (Air volume) (free flow 1400 m3/h, static pressure 2700 pa)		

* Speed does not equal to throughput. See dealer or visit www.GCCworld.com for more details.

△ Specifications are subject to change without prior notice.

Authorized Dealer



www.GCCworld.com



GCC Headquarters	4F, No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan	886-2-6616-6692	Fax : 886-2-2694-6875
GCC China	No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China	86-512-5726-1515	Fax : 86-512-5726-1518
GCC Europe B.V.	Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands	31-10-458-9367	Fax : 31-10-451-9874
GCC America, Inc	323 Paseo Tesoro, Walnut, CA 91789, USA	1-909-718-0248	Fax : 1-909-718-0251
		US & Canada Only	Toll Free: 1-888-284-5211