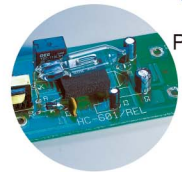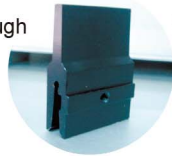## Optional Items

Roll Holder System

SmartGUARD™ Fire Alarm (Patented)

Pass-through Doors

Water Chiller

Supporting Pin Kit

AAS Contour Cutting Device (Patented)

Air Extraction System

Extension Table

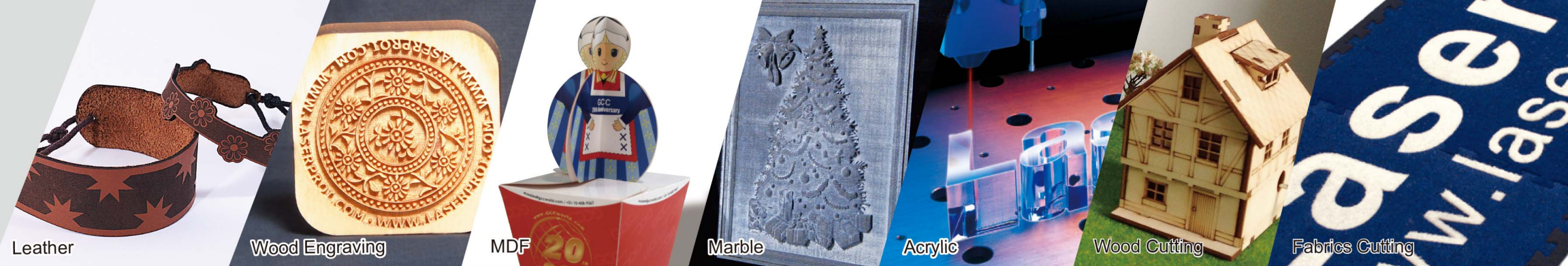# JORLink.com

Laser Cutter

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 welded steel chassis

Specification	T500				
Laser Wattage	60W	80W	100W	150W	200W
Laser Source	Sealed CO_2 Laser				
Cooling	Air-cooled			Water-cooled	
Working Area	51 x 35 in. (1300 x 905 mm)				
Max. Part Size (L x W x H) — w/o Cutting Table	53 x 36 x 5 in. (1346 x 916 x 127 mm) with 2"/4" lens 53 x 36 x 3 in. (1346 x 916 x 76.2 mm) with 6" lens				
Max. Part Size (L x W x H) — All Doors Open	53 x ∞ x 1 in. (1346 x ∞ x 25 mm) with 2"/4" lens				
Max. Part Size (L x W x H) — with Cutting Table	52 x 35 x 4.4 in. (1325 x 889 x 114 mm) with 2"/4" lens				
	52 x 35 x 1.5 in. (1325 x 889 x 38 mm) with 6" lens				
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*	40IPS				
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)				
Engraving Capability	256-level gray scale image processing capability				
Distance Accuracy	0.254 mm or 0.1% of move, whichever is greater				
Z-Axis Movement	Manual				
Resolution (DPI)	Available 125, 250, 300, 380, 500, 600,760,1000, 1500				
Interface	10 Base-T Ethernet USB Type-A 2.0 – For USB storage (Max. 32GB capacity, FAT file system) USB Type-B 2.0 – For connecting with the computer				
Focus Lens	Standard 4" focal lens in enclosed lens carriage (Optional 2"/ 6" lens)			Standard 6" focal lens in enclosed lens carriage(Optional 2"/ 4" lens)	
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 I Laser Product Compliant with EN60825, Class II Laser Product Compliant with CDRH, 2006/42/EC Machinery Directive Compliance Class 4 Laser Product Compliant with CDRH with the optional pass-through door module				
Cutting Table	Knife-shaped cutting bars with aluminum grid cutting table				
Operation Vottage	200-240VAC. 50/60Hz auto switching, Max.15A		200-240VAC. 50/60Hz auto switching, Max. 25A	200-240VAC. 50/60Hz auto switching, Max. 30A	
Fume Extraction System	External exhaust system with minimum flow rate 2160m³/h (CFM 1273 ft³/min) is required, 2.5kPA negative pressure (Pure-Air PA-2400FS @ 8" exhaust port)				

* Speed does not equal to throughput. See dealer or visit www.GCCworld.com for more details.
Δ Specifications are subject to change without prior notice.
***Please use certified brands by GCC for LaserPro USB storage, kindly refer to GCC User Manuals for more details.

Authorized Dealer

DANGER
LASER RADIATION-AVOID DIRECT EYE EXPOSURE
LASER DIODE 0.9mW MAX OUTPUT AT 640~660nm
CLASS 2 LASER PRODUCT

LASER RADIATION –
AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT
LASER DIODE 0.9mW MAX
OUTPUT AT 640~660nm
Classified by EN 60825-1:1994+A1:2002+A2:2001
LASER APERTURE

CE   Pb   RoHS

www.GCCworld.com

GCC

Leather   Wood Engraving   MDF   Marble   Acrylic   Wood Cutting   Fabrics Cutting

Laser Cutter

GCC LaserPro T500

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.
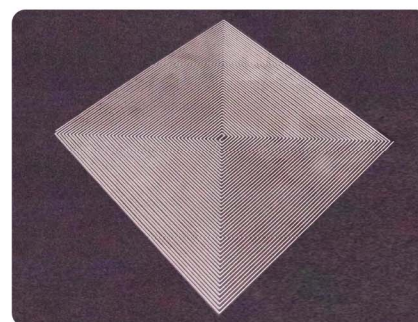
AC Servo Motor Motion

A motor of high torque, high speed and high caliber works perfectly with the high demands of LaserPro T500. The state of the art in AC Servo Motor design assures long motor lifetime and high precision.

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.
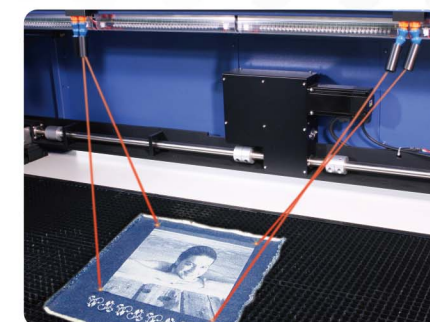
AAS Contour Cutting Device (Patented) (Optional)

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 (Patented)

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.

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.

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.

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