

Specification

X500		X500LS	X500RX
Laser Source		100W Sealed CO ₂ Laser	
Cooling		Water Cool	
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)	
Drive		AC servo control	
Maximum Cutting Speed*		16 IPS	
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)	
Z-Axis Movement		Manual	
Computer Interface		Standard printer port and USB adapter	
Memory Buffer		32MB standard	
Safety		Class 3R for red pointer	
Facility Requirements			
Electrical		200-240 Volt AC	
Power Consumption		2200W	
Water Chiller		Water Chiller required	
Air Extraction System		External exhaust system required	

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

Optional Items



SmartGUARD™



AAS Contour Cutting Device



Supporting Pin Kit



Air Extraction System



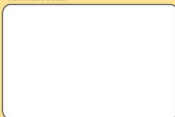
Honeycomb Table



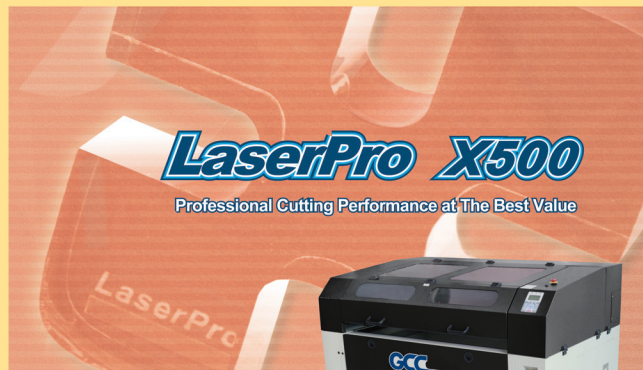
G-Cut Professional Software



Authorized Dealer


www.GCCworld.com

GCC
LaserPro



- Spacious 50" x 36" (1290 mm x 916 mm) working area
- AC Servo Motor Technology for precise movement control
- X500LS model for professional cutting needs and long lasting laser life
- X500RX model for versatile cutting and engraving applications
- Optional AAS Module for automatic graphic contour tracking and cutting
- Superior cutting quality
- Uniquely innovative and user-friendly features

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Laser Cutting System



LaserPro X500 Cutting System

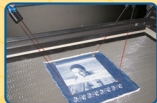
Embrace the extraordinary cutting qualities from the LaserPro X series designed and engineered for professional use. Packed with several user-friendly features, the LaserPro X500 offers high product performance in terms of both durability and feasibility. The X500LS model is a production workhorse for cutting applications while the X500RX model combines cutting and engraving capabilities to give users a versatile system.

User Friendliness

SmartPOINT Positioning Device

(Patent Pending)

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



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 X500 reduces laser reflections and delivers clear cutting edge.



SmartLID Easy Access

Easy access design simplifies maintenance jobs and material loading. Interlock safety design prevents laser firing while the covers are not properly closed and ensures a safe working condition.



AAS Contour Cutting Device

(Patent Pending)

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



Reliability

AC Servo Motor

A motor of high torque, high speed and high caliber works perfectly with the high demands of X500. The state of the art in AC Servo Motor design assures long motor lifetime and high precision.



Unique Motion Guide

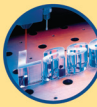
A unique motion guide is designed specially for X500 by adopting a light weight and high strength structure, together with AC servo motor to provide first class stability and accuracy.



Applications



• Wood Cutting



• Acrylic Cutting



• Wood Cutting



• Fabrics Cutting

QuickALIGN Remote Control

(Patent Pending)

QuickALIGN helps you to adjust the beam alignment easily through the user-friendly design of remote control. Beam alignment will become much easier with this unique QuickALIGN design. Save time on adjustment, gain more time on operation.



LED Light Illumination System

A LED light module that illuminates the working space and makes it easy to see the work in progress.



Supporting Pin Kit

This design can firmly hold up the working object preventing it from falling off. Moreover, it can effectively reduce the possibility of the reflected laser hitting the working object.



Productivity & Quality

Outstanding Cutting Capability

X500 delivers high cutting quality with LaserPro's unique laser firing control technology. X500 can cut through 20 mm acrylic in a single pass with a smooth finish and unmatched clear cutting edge.



Pass-through

Convenient front and rear door opening design enables loading of extremely long working pieces. This versatile pass-through design allows working on oversized objects up to 25 mm thick.

