GCC LaserPro X500III

Professional Cutting Performance at The Best Value

X500III

- Spacious 51.1 x 36.1 in. (1300 x 916 mm) working area
- DC Servo Motor Technology for precise movement control
- Uniquely innovative user-friendly features
- Fullfill versatile cutting and engraving applications

Twill Cutting

Laser Cutter

GCC

Intuitive Control Panel Interface

A control panel with coherent hot-key design and graphic icon displays that allows you to directly change the laser parameter setting, set jobs to repeat unlimited times, queue job, delete jobs, and more.
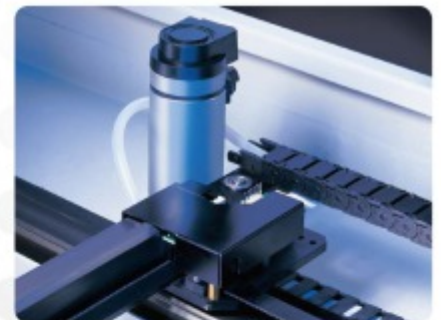
GCC LaserPro X500III

Embrace the cutting technology from the GCC LaserPro X series designed and engineered for professional use. Packed with several user-friendly features, the GCC LaserPro X500III offers high product performance in terms of both durability and feasibility. The X500III model combines cutting and engraving capabilities to give users a versatile system.

Closed-loop DC Servo Technology

The X500III utilizes high performance closed-loop DC servo motors for precise and fast carriage movement combined with a reliable motion system to produce exceptionally accurate outputs.

LaserPro X500III
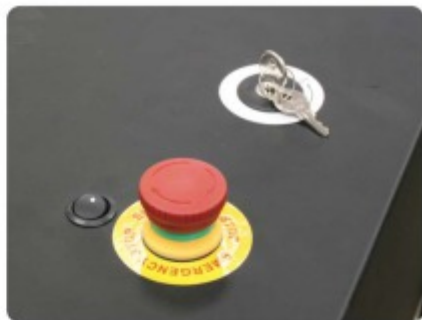
Knife-shaped Cutting Table

Unique cutting table with tipped bars that can be easily adjusted without tools to create different levels of working depths. The cutting table of X500III reduces laser reflections and delivers clear cutting edge.

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.

SmartLIGHT

Built-in LED light module illuminates the working space and makes every engraving detail easy to see.
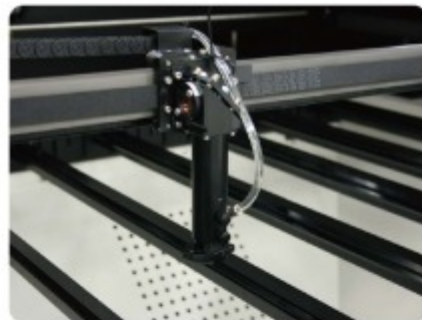
Key Switch & Emergency Stop

Key switch safeguards the machine from unauthorized use. Prominent emergency button located on the top of the machine allows operators to stop the laser and the motion carriage immediately to provide a safe operating environment.
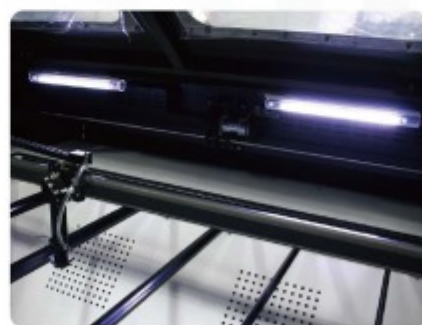
Drag-N-Play

The "Drag-N-Play" feature greatly reduces complex set up procedures and allows users to directly drag the lens carriage to the starting point of a job.

Versatile Cutting & Engraving Capability

X500III delivers high cutting quality with LaserPro's unique laser firing control technology. X500III can cut through 20 mm acrylic in a single pass. Better than that, the grayscale technology allows X500III to process 256-level grayscale image with vivid engraving quality.

Optional Items

External Control Interface Board

Aluminum Grid Cutting Table

SmartGUARD™ Fire Alarm

Honeycomb Tables

Air Extraction System

Supporting Pin Kit

Specification		X500III			
Model Name		X500III			
Laser Source		80W	100W	130W	150W
		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)	All doors closed	53 x 36 x 1.9 in. (1346 x 914 x 50 mm)			
	All doors open	53 x ∞ x 1 in. (1346 x ∞ x 25 mm)			
Dimensions		74.8 x 55.1 x 47.2 in. (1900 x 1400 x 1200 mm)			
Driver		Closed-loop DC Servo Control			
Maximum Cutting Speed*		40 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 speed 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, 500, 600, 1000			
Computer Interface		10 Base-T Ethernet, Full speed 2.0 USB			
Lens		Standard 2",Optional 3"		Standard 3",Optional 2"	
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			
Cutting Table		Knife-shaped cutting table with dust collecting tray			
Operation Voltage		200-240 Volt AC/15A			
Power Consumption		1250W	1250W	2000W	2000W
Air Exhaust System		External exhaust system required to connect to 8-inch opening 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

CE   Pb   RoHS

DANGER
LASER RADIATION - AVOID DIRECT EYE EXPOSURE
LASER DIODE 5mW MAX OUTPUT AT 630~680nm
CLASS 2 LASER PRODUCT

LASER RADIATION –
AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT
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OUTPUT AT 630~680nm
Classified by EN 60825-1:1984+A1.2002+A2:2001   LASER APERTURE

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