GCC LASER CUTTER
X500 III LASERPRO
ADVANCED CUTTING QUALITY

GLASS TUBE LASERS









| OVERVIEW |

Embrace the cutting technology from the GCC LaserPro X500III Pro designed and engineered for professional use.

GCC releases X500III Pro version for advanced cutting quality and uniformity of line width by adding one beam expander and red beam combiner. GCC LaserPro X500III Pro offers high product performance.

| KEY FEATURES |

- Beam Expander
- New Design of X500III Pro Carriage
- Knife-shaped Cutting Table
- Intuitive Control Panel Interface
- Closed-loop DC Servo Technology
- Key Switch & Emergency Stop
- Drag-N-Play
- Versatile Engraving and Cutting Capability
- Innovative Windows Driver
- SmartCENTER™ (Patented)
- SmartLIGHT
- Pass-through Front to Rear Doors (Optional)

| OPTIONAL ITEMS |

- Rotary Attachment - X500III
- SmartTOOL™
- Air Compressor
- SmartGUARD™ Fire Alarm (Patented)
- Honeycomb Table
- SmartPRINT™
- Grid Cutting Table
- External Interface Control Boar
- AAS Contour Cutting Device - X500III (Patented)
- Air Extraction System - T500, X500III
- Supporting Pin Kit

Dimensions

Dimensions	1900 x 1400 x 1200 mm
Max Part Size	1300 x 916 x 50 mm (doors closed)
Max Part Size	1355 x ∞ x 55 mm (doors open)
Max Part Size	1355 x 910 x 30mm(with honeycomb or alum.table)
Work Area	1300 x 916 mm (standard)
Work Area	1265 x x 895 mm (with aluminum cutting table)
Work Area	1240 x 820 mm (with honeycomb table)

Technical Specification

Laser Source	100W, 130W, 150W, Sealed CO2 Laser
Cooling	Water Cooled
Driver	Closed-loop DC servo control
Max Motor Speed	1.01 m/s (40 in/s)
Speed Control**	Adjustable from 0.1-100%
Power Control**	Adjustable from 1-100%
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
Focus Lens	Standard 2",Optional 3", Standard 3",Optional 2"
Resolution (DPI)	Available 125, 250, 300, 500, 600, 1000
Computer 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 comp.
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 1 Laser Product Compliant with EN60825 Class 2 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 down vacuum and scrap collecting funnel
Operation Voltage	200-240VAC, 50/60Hz auto switching, Max.10A
Fume Extraction System	External exhaust system with minimum flow rate 2000m3/h (CFM 1177 ft3/min) is required, 3.8kPA negative pressure (Pure-Air PA-2000FS-IQ @ 8" exhaust port)

** Speed is not equal to throughput.*
*** Up to 16 colour linked power settings per job*
The flow rate is determined by a default fume extraction system; the flow rate may vary due to a di fferent fume extraction system.

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* Images are for reference only and may differ from the final product
** Flamefast reserves the right to change product specification without prior notice

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Flamefast UK Ltd is accredited by:

T: 01925 281 230 • E: sales@flamefast.co.uk
W: www.flamefast.co.uk