GCC LASER CUTTER
X252 LASER CUTTER
ECONOMICAL ALTERNATIVE

GLASS TUBE LASERS









| OVERVIEW |

The LaserPro X series offers an economical alternative for laser cutting and engraving.

The LaserPro X series is equipped with dependable sealed CO2 laser which offers a reliable source of 80W and 100W of power for mass production requirements.

| KEY FEATURES |

- Easy-to-use Control Panel
- Programmable Origin
- RoHS Compliance
- SmartBOX™ Cutting Accessory (Optional)
- Motion System with DC Servo Motor
- Pass-through Front to Rear Doors (Optional)
- AutoFocus (Patented)
- Emergency Stop

| OPTIONAL ITEMS |

- Rotary Attachment
- SmartTOOL™
- Air Compressor
- SmartGUARD™ Fire Alarm (Patented)
- Honeycomb Table
- SmartPRINT™
- Entry-Level Fume Extraction System
- External Interface Control Board
- SmartBOX™
- SmartAIR™ Fine Nozzle
- AAS Contour Cutting Device

Dimensions

Dimensions:	1650 x 930 x 1040 mm
Max Part Size	685 x 482 x 165 mm (doors closed)
Max Part Size	685 x ∞ x 165 mm(doors open)
Table Size	790 x 530 mm
Work Area	635 x 458 mm

Technical Specification

Laser Source	80W / 100W, Sealed CO2 Laser
Cooling	Water Cooled
Drive	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	Automatic
Focus Lens	Standard 2.0", Optional 1.5", 3"
Resolution (DPI)	Available 125, 250, 500, 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.
Operating Systems	MS Windows
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
Operation Voltage	200-240VAC, 50/60Hz Auto Switching, MAX. 8A.
Water Chiller	External water chiller required
Fume Extraction System	External exhaust system with minimum flow rate 640m^3/h (CFM 377 ft3/min) is required, 2.3kPA negative pressure (Pure-Air PA-1000FS @ 4" 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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