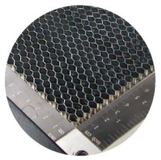
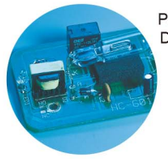
Optional Items

Pass-through Door Switch Module

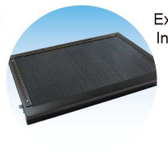
External Control Interface Board



Honeycomb Table



SmartGUARD™ Fire Alarm (Patented)



SmartBOX™

Air Compressor Unit

Fume Extraction System

Specification		X252RX
Laser Source		80W, 100W
		Sealed CO2 Laser
Laser Cooling		Water Cooled
Work Area		635 x 458 mm (25 x 18 in.)
Max. Part Size (L x W x H)	All doors closed	685 x 482 x 165 mm (27 x 19 x 6.5 in.)
	All doors open	685 x ∞ x 165 mm (27 x ∞x 6.5 in.)
Dimensions (W x D x H)		1650 x 930 x 1040 mm (64.9 x 36.6 x 40.9 in.)
Driving Motor		Closed-loop DC servo control
Maximum Motor Speed*		1.01 m/s (40 in/s)
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
Resolution (DPI)		Available 125, 250, 500, 1000
Z-Axis Movement		Automatic
Focus Lens		Standard 2.0", Optional 1.5", 3"
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 computer
Memory Buffer		32MB standard
Compatible Operating Systems		MS Windows
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
Operation Voltage		200-240VAC, 50/60Hz Auto Switching, MAX. 8A.
Power Consumption		1320W
Water Chiller		External water chiller required
Fume Extraction System		External exhaust system with minimum flow rate 640m^3/h (CFM 377 ft^3/min) is required, 2.3kPA negative pressure (Pure-Air PA-1000FS @ 4" exhaust port)

* Speed is 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

www.GCCworld.com

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GCC America, Inc 20550 Carrey Road, Walnut, CA 91789, USA 1-909-718-0248 Fax : 1-909-718-0251
US & Canada Only Toll Free: 1-888-284-5211

GCC LaserPro

Laser Engraver

GCC LaserPro X252

Best Value Laser Engraver with Unsurpassed Durability and Quality

X252

- 635 x 458 mm (25 x 18 in.) working area
- Closed-loop DC servo control for precise and rapid movement of the lens carriage
- Reliable DC excited CO_2 laser
- Pass-through doors to accommodate oversized objects (optional)
- Uniquely innovative user-friendly features

Laser Engraver

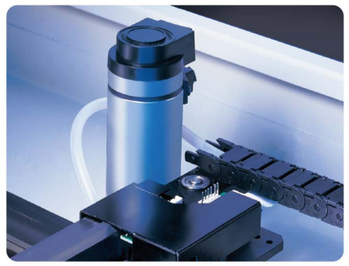
GCC LaserPro X252

GCC LaserPro X252

The GCC LaserPro X series offers an economical alternative for laser cutting and engraving. The GCC LaserPro X series is equipped with dependable sealed CO_2 laser which offers a reliable source of 80W and 100W of power for mass production requirements.

Motion System with DC Servo Motor

The GCC LaserPro X252 utilizes a high speed closed-loop DC servo motor for precise and fast carriage movement to ensure exceptionally accurate cutting outputs.



Pass-through Front and Rear Doors (Optional)

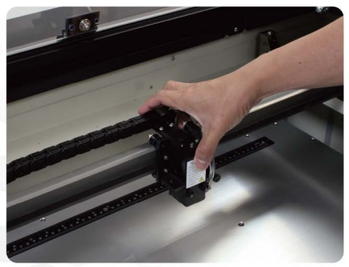
Optional front and rear door design enables operators to load extremely long working pieces.

Easy-to-use Control Panel

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.

AutoFocus (Patented)

The plug-and-play probe design makes focusing a one-touch process and provides the accuracy and precision for optimum quality in the lasing process.

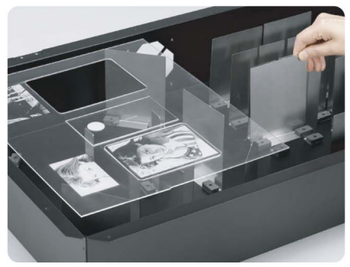


Programmable Origin

Easy-to-use position modes allow the operator an effortless way to setup a job with Drag-N- Engrave. Repetitive workflows can be drastically simplified by relocating the origin position to any desired location.

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.



SmartBOX™ (Optional)

The innovative design is composed of a ventilation box, a honeycomb table and rearrangeable magnetic supporting pieces. The SmartBOX™ provides great cutting quality and remarkably enhance air extraction.

SmartCENTER™ (Patented)

The super user-friendly SmartCENTER™ function helps end users to easily and automatically locate the center point of objects of any shape vastly eliminating tedious setup time.