Optional Items

- Pass-through Door Switch Module
- External Control Interface Board
- Rotary Attachment
- SmartPRINT™
- SmartAIR Nozzle
- Flame Sprinkler System
- SmartBOX™ Cutting Accessory
- Air Compressor Unit
- Fume Extraction System
- SmartGUARD™ Fire Alarm (Patented)
- Roll to Roll Autofeeder

GCC LaserPro

Laser Engraver

GCC LaserPro Spirit
Ingenious and Versatile Designs
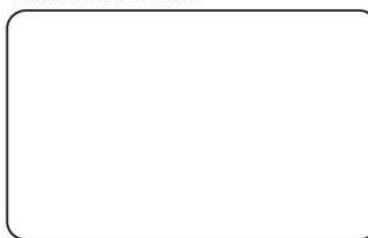
Spirit

Specification		Spirit
Work Area		25 x 18 in. (640 x 460 mm) Extendable to 29 x 18 in. (740 x 460 mm)
Max. Part Size (L x W x H)	All doors closed	30 x 19 x 6.5 in. (762 x 482.6 x 165 mm)
	All doors open	30 x ∞ x 6.5 in. (762 x ∞ x 165 mm)
Table Size		31.1 x 20.9 in. (790 x 530 mm)
Dimensions		44.3 x 28.3 x 39.6 in. (1125 x 720 x 1005 mm)
Laser Source		12 to 100W 10.6-μm sealed CO_2 Laser / 20W & 60W 9.3-μm sealed CO_2 Laser
Cooling		Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)
Drive		Closed-loop DC Servo Control
Speed Control		Adjustable from 0.1-100% of 60 ips (Up to 16 color-linked speed settings per job)
Power Control		Adjustable from 1-100% (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
Z-Axis Movement		Automatic
Focus Lens		Standard 2.0", optional 1.5", 2.5", & 4.0" available
Resolution (DPI)		Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500
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
Compatible Operating Systems		MS Windows
Display Panel		4-line LCD display 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 Class 4 Laser Product Compliant with CDRH with the optional pass-through door module
Operation Voltage		Laser below 80Watt, 100-240VAC, 50-60Hz Auto Switching, Max. 15A Laser 80Watt and above, 200-240VAC, 50-60Hz, Max. 15A
Fume Extraction System		External exhaust system with minimum flow rate 640m³/h (CFM 377 ft³/min) is required, 2.3kPA negative pressure (Pure-Air PA-1000FS @ 4" exhaust port)

* Speed does not equal to throughput. See dealer or visit www.GCCworld.com for more details.
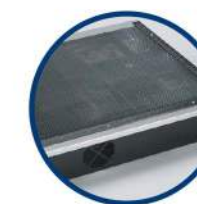Δ Specifications are subject to change without prior notice.
***Please use certified brands by GCC for LaserPro USB storage, kindly refer to GCC User Manuals for more details.

Authorized Dealer

DANGER
LASER RADIATION-AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT

LASER RADIATION –
AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT
LASER DIODE 0.9mW MAX
OUTPUT AT 640-660nm

CE   Pb   RoHS

www.GCCworld.com

- 25" x 18" (640 X 460 mm) working area
- 60 IPS high working speed
- Patented SmartACT™ motion control technology innovation to reduce ramping and shorten running time
- Plug-and-play standard USB port for rapid data transmission
- Closed-loop DC servo motor for precise movement of laser carriage
- Patented SmartGUARD™ fire alarm device to provide maximum operation safety
- Pass-through front and rear doors to accommodate long working pieces
- TrueImage (patented) features to assure homogeneous engraving output

Laser Engraver

GCC LaserPro Spirit

GCC LaserPro Spirit

GCC LaserPro Spirit is designed with the operator in mind and carrying various innovative features, reliable mechanics, and excellent output quality. GCC LaserPro Spirit is the missing piece in your operations puzzle, putting you on track for continued growth in your engraving and cutting business!

DuraGuide Motion Design

Systematic and reliable motion system embedded with strong mechanical framework and accurate servomotor control technology to deliver superb output quality under rapid movement.

Pass-through Front & Rear Doors (Optional)

Optional front and rear door open design enables loading of extremely long working pieces with ease and extends business flexibility.

SmartACT™ (Patented)

Ground-breaking technology that reduces the ramping process, the job running time, which translates into higher productivity.

Intuitive Control Panel Interface

A control panel with coherent hot-key design and graphical icon displays that allows you to change laser parameter settings, set jobs to repeat unlimited times, queue jobs, delete jobs, and more.
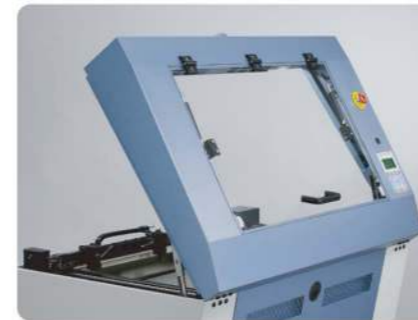
SmartPIN AutoFocus (Patented)

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

SmartLID™ (Patented)

An innovative lid that opens from both ends allowing easier access for daily maintenance.
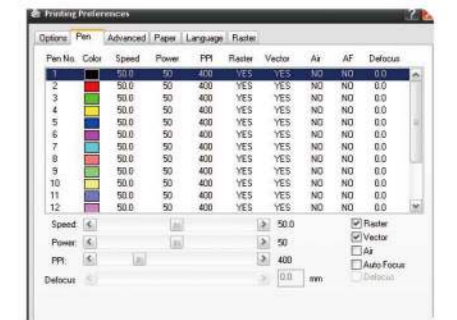
Key Switch & Emergency Stop

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.

Innovative Software Features

Various user friendly features such as SmartCENTER, Defocus by pen, allows users to reduce set up time and make easy adjustments to achieve marvelous output quality.