

## Optional Items



| 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<br>(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 <sub>2</sub> Laser / 20W & 60W 9.3-μm sealed CO <sub>2</sub> 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<br>USB Type-A 2.0  – For USB storage (Max. 32GB capacity, FAT file system)<br>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,<br>Class II Laser Product Compliant with CDRH<br>2006/42/EC Machinery Directive Compliance<br>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<br>Laser 80Watt and above, 200-240VAC, 50-60Hz, Max. 15A                                                                                                        |
| Fume Extraction System        |                  | External exhaust system with minimum flow rate 640m <sup>3</sup> /h (CFM 377 ft <sup>3</sup> /h) is required,<br>2.3kPa negative pressure (Pure-Air PA-1000FS @ 4" exhaust port)                                                 |

\* Speed does not equal to throughput. See dealer or visit [www.GCCworld.com](http://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



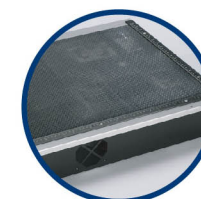
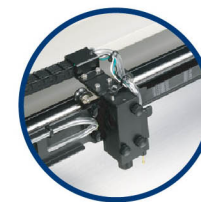
[www.GCCworld.com](http://www.GCCworld.com)



Laser Engraver

# GCC LaserPro Spirit

## Ingenious and Versatile Designs



# Spirit

- 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



GCC Headquarters 4F-1., No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan 886-2-6616-6692 Fax : 886-2-2694-6875  
 GCC China No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China 86-512-5726-1515 Fax : 86-512-5726-1518  
 GCC Europe B.V. Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands 31-10-458-9367  
 GCC America, Inc 20453 E Valley Blvd. Walnut, CA 91789, USA 1-909-718-0248 Fax : 1-909-718-0251  
 US & Canada Only Toll Free: 1-888-284-5211





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.

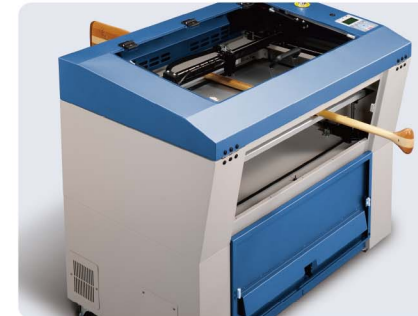


### SmartPIN AutoFocus (Patented)

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.

### 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.



### SmartLID™ (Patented)

An innovative lid that opens from both ends allowing easier access for daily maintenance.

### SmartACT™ (Patented)

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

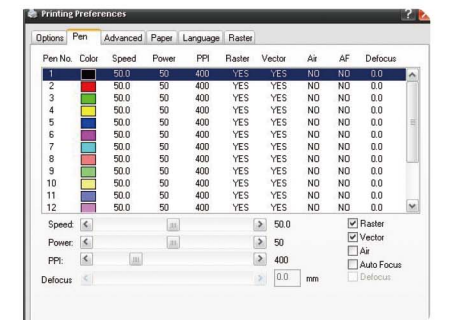


### Key Switch & Emergency Stop

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.

### 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.



### 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.