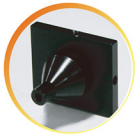
Optional Items


External Control Interface Board


Rotary Attachment

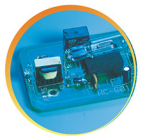

Flame Sprinkler System


SmartAIR Nozzle


SmartBOX™ Cutting Accessory


Air Compressor Unit


Fume Extraction System


SmartGUARD™ Fire Alarm (Patented)

Specification		Spirit SE
Work Area		640 x 460 mm (25 x 18 in.) Extendable to 740 x 460 mm (29 x 18 in.)
Max. Part Size (L x W x H)	All Doors Closed	762 x 482.6 x 165 mm (30 x 19 x 6.5 in.)
	All Doors Open	762 x ∞ x 165 mm (30 x ∞ x 6.5 in.)
Table Size (W x D x H)		790 x 530 mm (31.1 x 20.9 in.)□
Dimensions (W x D x H)		1125 x 720 x 1005 mm (44.3 x 28.3 x 39.6 in.)
Laser Source		30 and 60W 10.6-μm sealed CO2 Laser
Cooling		Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)
Drive		Closed-loop DC Servo Control
Maximum Motor Speed		1.52 m/s (60 in/s)**
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-B 2.0 – For connecting with the computer
Compatible Operating Systems		MS Windows
Touch Panel		4" Touch Panel
Safety		Class 1 Laser Product Compliant with EN60825 Class 2 Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance
Operation Voltage		100-240VAC, 50-60Hz Auto Switching, 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

www.GCCWorld.com

GCC LaserPro

Laser Engraver

GCC LaserPro Spirit SE

Versatility Made Accessible

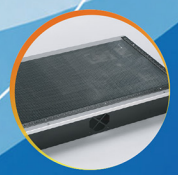


Spirit SE

- 640 x 460 mm (25 x 18 in.) working area
- 1.52 m/s (60 in/s) high working speed
- 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







Laser Engraver

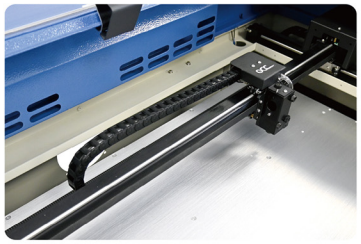
GCC LaserPro Spirit SE

Building on the proven strengths of the original Spirit, the GCC LaserPro Spirit SE introduces enhanced features designed to simplify operation, expand application possibilities, and improve overall productivity. It delivers the trusted performance and output quality of the Spirit series in a more versatile and accessible solution.



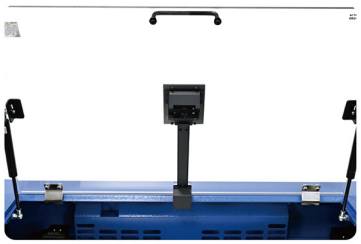
Discover the Key Features of the GCC LaserPro Spirit SE

DuraGuide Motion Design



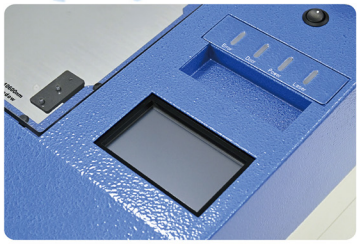
Systematic and reliable motion system embedded with strong mechanical framework and accurate servomotor control technology to deliver superb output quality under rapid movement.

SmartEYES™ & Live-view Camera



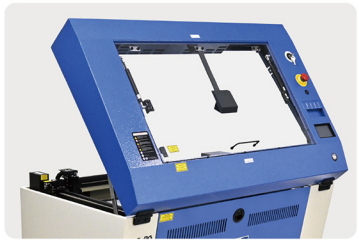
A single camera provides both the SmartEYES™ precise design preview for effortless positioning and the real-time Live-view function, making it an ideal tool for observation and learning.

Easy to Use 4" Touch Panel



A touch 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 jobs, delete jobs, and more.

SmartLID™ (Patented)



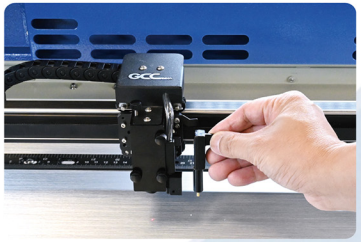
An innovative lid that opens from both ends allowing easier access for daily maintenance.

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.

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.

Laser Engraving & Laser Cutting Application

