

Optional Items



Laser Engraver

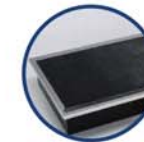
The Epitome of Excellence & Flexibility

GCC LaserPro Spirit GLS Hybrid

Upgrade your business with CO₂ & Fiber hybrid laser technology

Specification	Spirit GLS Hybrid	
Work Area	34 x 24 in. (860 x 610 mm) Extendable to 38 x 24 in. (960 x 610 mm)	
Max. Part Size (W x L x H)	All doors closed	39 x 25 x 7 in. (990 x 635 x 177 mm)
	All doors open	39 x ∞ x 7 in. (990 x ∞ x 177 mm)
Table Size	40.3 x 27.7 in. (1025 x 705 mm)	
Dimensions	53.7 x 34.6 x 39.7 in. (1365 x 880 x 1010 mm)	
Laser Source	10.6-μm CO ₂ laser: 30 to 100W Fiber laser: 20 / 30 / 50W	
Cooling	Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)	
Drive	Closed-loop DC servo control	
Maximum Speed*	80 IPS	
Throughput*	260.9 in ² / hr (1683 cm ² / hr)	
Throughput* with SmartACT™ Enabled	322.1 in ² / hr (2078 cm ² / hr)	
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 grayscale image processing capability	
Distance Accuracy	0.254 mm or 0.1% of move, whichever is greater	
Z-Axis Movement	Automatic	
Focus Lens	Standard 3.0"	
Resolution (DPI)	Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500	
Computer Interface	10 Base-T Ethernet, Full speed USB 2.0	
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 3R 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	Below 80Watt, 100-240VAC, 50/60HZ Auto Switching, max. 15A 80Watt and above, 100-240VAC, 50/60HZ Auto Switching, max. 15A	
Fume Exhaust System	External exhaust system is required, one 4" connection on the back of the machine	

* Speed does not equal to throughput. See dealer or visit www.GCCworld.com for more details.
 * Original GLS maximum power consumption 4400W is not correct. It is fixed now by EE.
 Δ Specifications are subject to change without prior notice.



Spirit GLS Hybrid

- 38" x 24" (960 mm x 610 mm) extra large working area
- CO₂ and Fiber dual lasers hybridized in one laser system
- QSM (Quality Speed Mode) maintains 100% engraving quality while operating at maximum speed
- Patented SmartACT™ motion control technology increases your productivity by reducing ramping process and job running time
- Drag N Play feature assures remarkably easy and fast set-ups
- High speed DC servo motor for precise and rapid movement of the laser carriage
- Reliable DuraGuide motion system with reinforced Kevlar belt delivers superb output quality
- LED light modules illuminate the working area

Authorized Dealer


www.GCCworld.com


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PCB

3D Engrave

2 Ply Plastic

Stone / Tile

Acrylic

Leather & Metal

Fabrics

Laser Engraver

GCC LaserPro Spirit GLS Hybrid



GCC LaserPro Spirit GLS Hybrid

The LaserPro Spirit GLS Hybrid is the flagship model of the award winning LaserPro Spirit line of laser engravers. In succession to GCC LaserPro worldwide accolades features, Spirit GLS Hybrid further upscale its capability to CO₂ & Fiber Hybrid laser option in one system, engraving, cutting, marking on organic and metal pieces all possible now.

CO₂ & Fiber Hybrid Lasers

GCC Hybrid technology allows to install CO₂ & Fiber dual lasers in one system to expand your business from organic materials processing to direct metal engraving.



Pass-through Front and Rear Doors (Optional)

Optional front and rear door design enables loading of extremely long working pieces.

DuraGuide

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

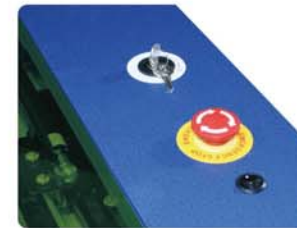


SmartPIN AutoFocus (Patented)

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.

Real Pointer Alignment Feature

Extra beam combiner to align red pointer with laser beam, What You See is What You Get.



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.

SmartACT™ (Patented)

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



Innovative Software Features

Unbeatable print driver features SmartCENTER™, Defocus by pen, Programmable Air Assist TrueImage, Vector Path Optimization, allow easy set up and achieve marvelous output quality.