Optional Items

| Pass-through Door Switch Module | SmartVISION™ Pro CCD | Multiple Table Choices | Air Compressor Unit | Rotary Attachment / Rotary Chuck | Fume Extraction System | External Signal Indicator | SmartGUARD™ Fire Alarm (Patented) |

Specification		S400		
		CO₂	**Fiber**	**Dual**
Work Area		40 x 24 in. (1016 x 610 mm)		
Max. Part Size (L x W x H)	All doors closed	41.4 x 25.4 x 11 in. (1053 x 647 x 280 mm)		
	All door open	41.4 x ∞ x 11 in. (1053 x ∞ x 280 mm)		
Table Size		Standard Grid Cutting Table 40.1 x 24.1 in. (1019 x 613 mm)		
Dimensions		56.7 x 35.5 x 41.3 in (1440 x 900 x 1048mm)		
Weight	CO₂ 30W~40W	260 kg / 573 lb		
	CO₂ 60~100W	270 kg / 595 lb		
	Fiber 20W~60W	260 kg / 573 lb		
Laser Source		10.6-μm CO₂ laser	9.3-μm CO₂ laser	Fiber laser	10.6-μm CO₂ laser: 40 to 120W / 9.3-μm CO₂ laser: 60W
		40~120W	60W	20 / 30 / 60W	Fiber laser: 20 / 30 / 60W
Cooling		Air-cooled, Operating environment temperature 15°- 30°C (59°- 86°F)		
Drive		Closed-loop DC servo control		
Maximum Motor Speed		140 IPS		
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		
Z-Axis Movement		Automatic		
Focus Lens		CO₂: Standard 2.0" (Optional 1.5", 2.5" & 4.0")\nFiber: Standard 2.0" (Optional 4.0")\nDual (CO₂+Fiber): Standard 2.0" (Optional 3.0" &4.0")		
Resolution (DPI)		Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500		
Interface		10 Base-T Ethernet\nUSB Type-A 2.0 – For USB storage (Max. 32GB capacity, FAT file system)\nUSB Type-B 2.0 – For connecting with the computer		
Compatible Operating System		MS Windows 64 Bit		
Control Panel		Touch Screen		
Safety		Class I Laser Product Complies with EN60825-1:2014, EN ISO 13849-1:2015\nClass II Laser Product Complies with CDRH for CO₂ Laser\nClass 3R Laser Product Compliant with CDRH for Fiber & Dual Laser sources\n2006/42/EC Machinery Directive Compliance\nClass 4 Laser Product Compliant with CDRH with the optional pass-through door module		
Operating Voltage		Below 80Watt, 100-240VAC, 50/60HZ Auto Switching, max. 15A\n80Watt and above, 200-240VAC, 50/60HZ Auto Switching, max. 15A		
Fume Extraction System		External exhaust system with minimum flow rate 800m3/h\n(CFM 471 ft3/min) is required, 2.3kPA negative pressure\n(Pure-Air PA-1500FS @ 4" exhaust port)		

** Speed is not equal to throughput. See dealer or visit **www.gccworld.com** for more detail.
▲ 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

The Flagship Model
of The Laser Engraver
Your Best Ever, Beyond Expectation, Unlimited Laser Machine.
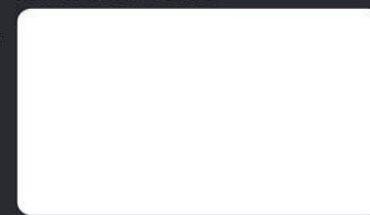

Laser Engraver
S400

- 40" x 24" x11" (1016 mm x 610 mm x 30 mm) extra large working area
- 140ips high speed with DC servo motor for precise and rapid movement of the laser carriage
- GCC SmartFLOW™ technology provides outstanding dust protection
- GCC SmartLID™ invention makes maintenance a lot easier
- 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 and engrave feature assures remarkably easy and fast set-ups
- Pass-through front and rear doors to accommodate long working pieces
- CO₂ and Fiber laser option in one laser machine

GCC LaserPro S400

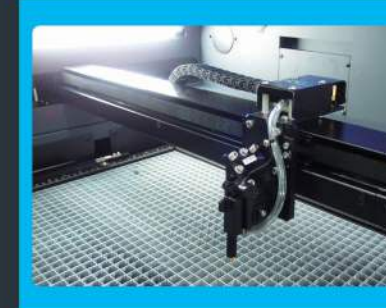## Laser Engraver
GCC LaserPro S400

Inherit all the advantages from Spirit Hybrid, a brand new machine – S400 features 140ips processing speed by DC servo motor, innovative touch panel, user friendly interface and a modern good looking design. Together with SmartFLOW™ dust prevention technology and SmartLID™ easy access invention, S400 presents you the highest throughput and precise laser quality. GCC S400 makes all your imaginations to life at the speed of light.

SmartFLOW™ Technology

SmartFLOW™ invention creates a perfect Air Flow to enhance the vacuum effect and bring out the dust completely while working.

SmartACT™ (Patented)

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

SmartLID™ Easy Access
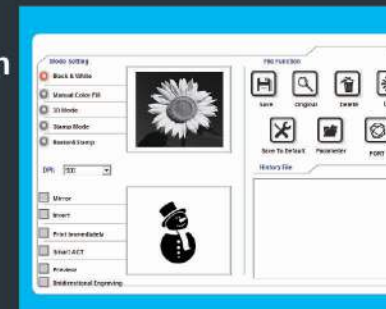
Easy access design simplifies maintenance.

Pass-through Front & Rear Doors (Optional)

Convenient front and rear door open design enables loading of extremely long working pieces with ease and extends business flexibility.
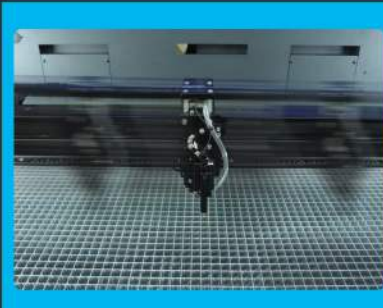
Intuitive Touch Screen

Operation is easy and intuitive with the 4" touchscreen.

User Friendly Driver Interface

Starting from end users' view, GCC driver evolves into a brand new design with the intuitive interface to favor each user.
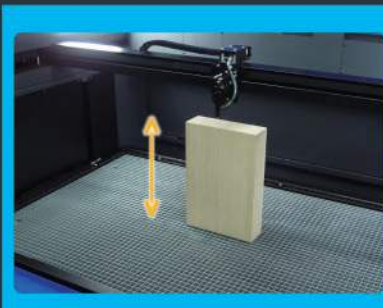
Features

Perfect Cutting and Engraving Throughput

Maximum 140ips processing speed with powerful DC servo motor to boost productivity while maintaining precision.
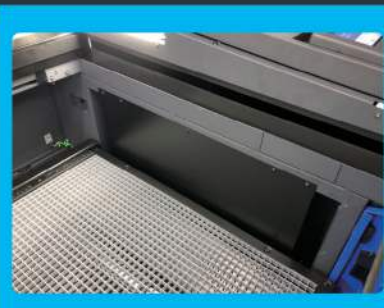
SmartSEAL™ Technology

New gantry design to prevent dust, the easy take-off cover also makes the maintenance a lot easier.

Higher Working Depth

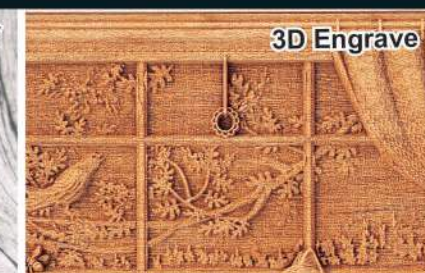Depth of Z-axis up to 11" (280 mm) thick.

Dust Prevention

Incorporating metal panels to protect key components, but not seal entirely to case any difficulty of maintenance.

GCC LaserPro S400 Application

Paper | 3D Engrave | Fabrics | Leather & Metal | Anodized Aluminum | PCB | 2 Ply Plastic | Acrylic