265020060G(02) **Optional Items** 

















Fire Alarm (Patented)

Pass-through
Door Switch
Module

SmartVISION™ Pro CCD





Rotary Attachment / Rotary Chuck

Fume Extraction

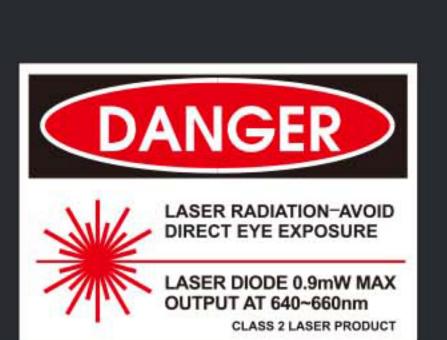
External Signal

SmartGUARD™

Specification		S400			
		CO <sub>2</sub> Fiber		Dual	
Work Area		1016 x 610 mm (40 x 24 in.)			
Max. Part Size (L x W x H)	All doors closed	1053 x 647 x 280 mm (41.4 x 25.4 x 11 in.)			
	All door open	1053 x $\infty$ x 280 mm (41.4 x $\infty$ x 11 in.)			
Dimensions (W x D x H)		1440 x 900 x 1048 mm (56.7 x 35.5 x 41.3 in.)			
Weight	CO <sub>2</sub> 30W~40W	260 kg / 573 lb			
	CO <sub>2</sub> 60~100W	270 kg / 595 lb			
	Fiber 20W~60W	260 kg / 573 lb			
Laser Source		10.6-µm CO₂ laser		Fiber laser	10.6-μm CO <sub>2</sub> laser: 40 to 120W 9.3-μm CO <sub>2</sub> 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") Fiber: Standard 2.0" (Optional 4.0") Dual (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 USB Type-A 2.0 ———————————————————————————————————			
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 Class II Laser Product Complies with CDRH for CO₂ Laser Class 3R Laser Product Compliant with CDRH for Fiber & Dual Laser sources 2006/42/EC Machinery Directive Compliance Class 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 80Watt and above, 200-240VAC, 50/60HZ Auto Switching, max. 15A			
Fume Extraction System		External exhaust system with minimum flow rate 800m3/h (CFM 471 ft3/min) is required, 2.3kPA negative pressure (Pure-Air PA-1500FS @ 4" exhaust port)			

<sup>\*\*</sup> Speed is not equal to throughput. See dealer or visit www.gccworld.com for more detail.

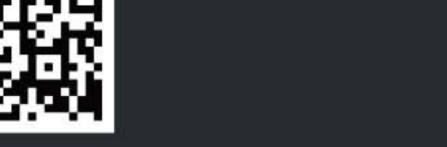
\*\*\* Please use certified brands by GCC for LaserPro USB storage, kindly refer to GCC User Manuals for more details.















GCC China

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1-909-718-0248 Fax: 1-909-718-0251 US & Canada Only Toll Free: 1-888-284-5211

**Authorized Dealer** 

LaserPro

# The Flagship Model of The Laser Engraver

Your Best Ever, Beyond Expectation, Unlimited Laser Machine.



Laser Engraver

- 1016 x 610 x 30 mm (40 x 24 x 11 in.) extra large working area
- 140ips high speed with DC servo motor for precise and rapid movement of the laser carriage
- GCC SmartFLOW<sup>™</sup> technology provides outstanding dust protection
- GCC SmartLID<sup>™</sup> invention makes maintenance a lot easier
- QSM (Quality Speed Mode) maintains 100% engraving quality while operating at maximum speed
- Patented SmartACT<sup>™</sup> 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
- CO<sub>2</sub> and Fiber laser option in one laser machine

Specifications are subject to change without prior notice.





## 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<sup>TM</sup> dust prevention technology and SmartLID<sup>TM</sup> 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<sup>™</sup> Technology

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



## SmartACT<sup>™</sup> (Patented)

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



## SmartLID<sup>™</sup> Easy Access

Easy access design simplifies maintenance.



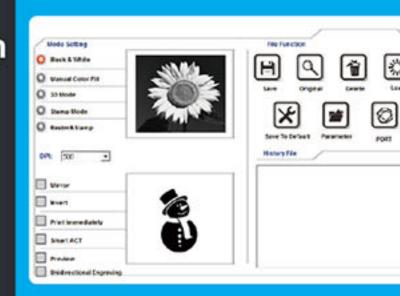
## Pass-through Front & Rear Doors (Optional)

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



#### Intuitive Touch Screen

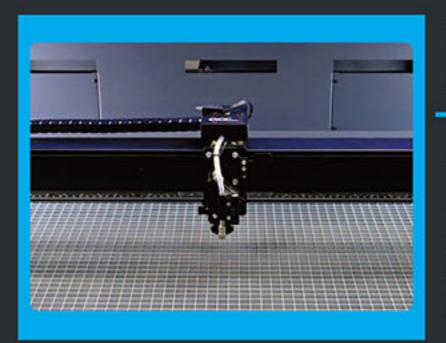
Operation is easy and intuitive with the 4" touchscreen.



#### 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



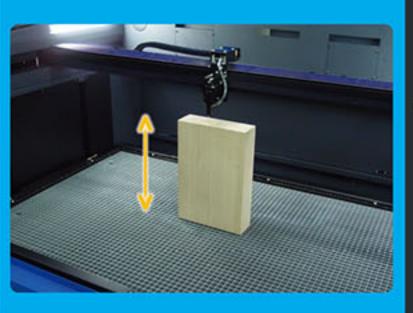
#### Perfect Cutting and Engraving Throughput

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



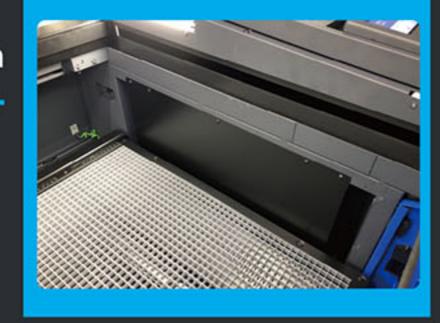
## SmartSEAL<sup>™</sup> Technology

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







