Optional Items

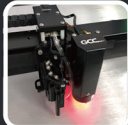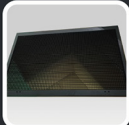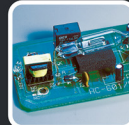|							
Pass-through Door Switch Module	SmartVISION™ Pro CCD	Multiple Table Choices	Air Compressor Unit	Rotary Attachment / Rotary Chuck	Fume Extraction System	External Signal Indicator	SmartGUARD™ Fire Alarm (Patented)

Specification		S400
Work Area		916 x 610 mm (36 x 24 in.) Extendable to 1016 x 610 mm (40 x 24 in.)
Max. Part Size (W x D x H)	All doors closed	1053 x 647 x 280 mm (41.4 x 25.4 x 11 in.)
	All doors open	1053 x ∞ x 280 mm (41.4 x ∞ x 11 in.)
Table Size		Standard Grid Cutting Table 1019 x 613 mm (40.1 x 24.1 in.)
Dimensions (W x D x H)		1440 x 900 x 1048 mm (56.7 x 35.5 x 41.3 in.)
Weight	CO_2 60~120W	270 kg / 595 lb
	Fiber 30 / 50W	260 kg / 573 lb
Laser Source	CO_2	10.6-μm CO_2 sealed laser: 60~120W; 9.3-μm CO_2 sealed laser: 60W
	Fiber	30 / 50 W
	Dual	60~120W 10.6-μm sealed CO_2 Laser or 60W 9.3-μm sealed CO_2 laser 30 / 50 W Fiber laser
Cooling		Air-cooled, Operating environment temperature 15°- 30°C (59°- 86°F)
Drive		Closed-loop DC servo control
Maximum Motor Speed		3.55 m/s (140 in/s)
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	CO_2	Standard 2.0", optional 1.5", 2.5", & 4.0" available
	Fiber	Standard 2.0", optional 4.0" available
	Dual	Standard 2.0", optional 3.0" & 4.0" available
Resolution (DPI)		Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500
Interface		10 Base-T Ethernet USB Type-A 2.0 – For USB storage (Max. 32GB capacity, FAT file system) USB Type-B 2.0 – For connecting with the computer
Compatible Operating System		MS Windows 64 Bit
Control Panel		4" Touch panel
Safety		Class 1 Laser Product Complies with EN60825-1:2014, EN ISO 13849-1:2015 Class 2 Laser Product Complies with CDRH for CO_2 Laser Class 3R Laser Product Compliant with CDRH for Fiber & Dual Laser Source 2006/42/EC Machinery Directive Compliance Class 4 Laser Product Compliant with CDRH with the optional pass-through door module
Operating Voltage	CO_2	Below 80Watt, 100-240VAC, 50/60HZ Auto Switching, max. 15A 80Watt and above, 200-240VAC, 50/60HZ Auto Switching, max. 15A
	Fiber	30/50W: 100-240VAC, 50-60Hz Auto Switching, Max. 8A
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)

** 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

CE PB

DANGER
LASER RADIATION-AVOID DIRECT EYE EXPOSURE
LASER RADIATION 0.9mW MAX OUTPUT AT 640~660nm
CLASS 2 LASER PRODUCT

LASER RADIATION –
AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT
LASER DIODE 0.9mW MAX
OUTPUT AT 640~660nm
Classified by EN 60825-1:1994+A1:2002+A2:2001 LASER APERTURE

RoHS

www.GCCworld.com

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	20550 Carrey Road, Walnut, CA 91789, USA	1-909-718-0248	Fax : 1-909-718-0251
		US & Canada Only	Toll Free: 1-888-284-5211

The **Flagship Model** of The Laser Engraver

Your Best Ever, Beyond Expectation, Unlimited Laser Machine.

GCC LaserPro
S400

Laser Engraver
S400

- 1016 x 610 x 30 mm (40 x 24 x 11 in.) extra large working area
- 3.55 m/s (140 in/s) 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 (optional)
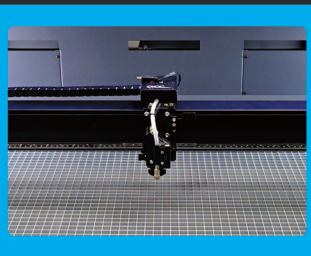- CO_2 and Fiber laser option in one laser machine

GCC LaserPro
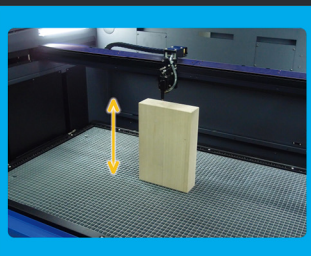# S400

Laser Engraver
GCC LaserPro S400

Inherit all the advantages from Spirit Hybrid, a brand new machine – S400 features 3.55 m/s (140 in/s) 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.
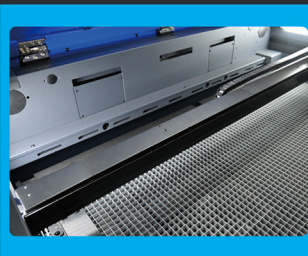
Features

Perfect Cutting and Engraving Throughput

Maximum 3.55 m/s (140 in/s) processing speed with powerful DC servo motor to boost productivity while maintaining precision.
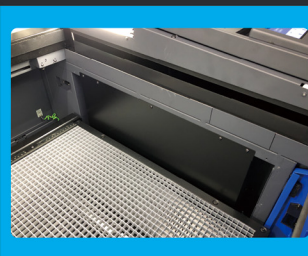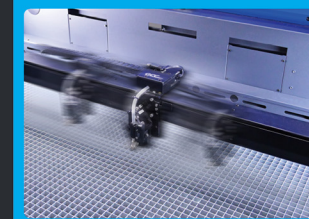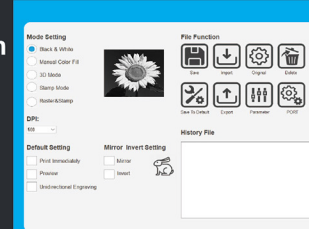
SmartSEAL™ Technology

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

PCB

Leather & Metal

Anodized Aluminum

2 Ply Plastic

Acrylic