

Optional Items



Air Extraction System



Rotary Attachment



Air Compressor Unit



SmartAIR Nozzle



SmartMEMORY™



SmartMEMORY™

Specification	C180 / C180S*
Work Area	18 x 12 in. (458 x 305 mm)
Max. Part Size (W x L x H)	18 x 12 X 6.6 in. (460 x 305 x170 mm)
Table Size	20.5 x 14.8 in. (520 x 375 mm)
Dimensions	28.3 x 25.2 x 14.8 in. (720 x 640 x 385 mm)
Laser Source	12 to 40 Watt Sealed CO ₂ Laser
Cooling	Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)
Drive	Closed-loop DC Servo Control
Maximum Motor Speed	40 IPS
Throughput**	176.3 in ² / hr (1137 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)
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" available
Resolution (DPI)	Available 125, 250, 300, 380, 500, 600, 760, 1000
Computer Interface	Standard printer port and USB 2.0** port
Compatible Operating Systems	MS Windows
Memory Buffer	32 MB standard
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 3R for red pointer
Operation Voltage	Below 40 Watt, 100-240 Volt AC Auto Switching; 40 Watt and above, 200-240 Volt AC Auto Switching
Power Consumption	700W - 2640W
Air Exhaust System	External exhaust system is required, one 2" connection on the back of the machine

* Speed is not equal to throughput. See dealer or visit www.GCCworld.com for more details.

* C180S excludes LED lighting, internal bellows, and Built-in SmartBox™. For C180S without built-in SmartBox™, the rotary attachment is positioned on the working table, and the max. diameter of the object is 0.5"-1.9".

** File transmission at USB 2.0 Full Speed rate.

Δ Specifications are subject to change without prior notice.

Authorized Dealer


www.GCCworld.com

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Laser Engraver

Perfection Inside Out

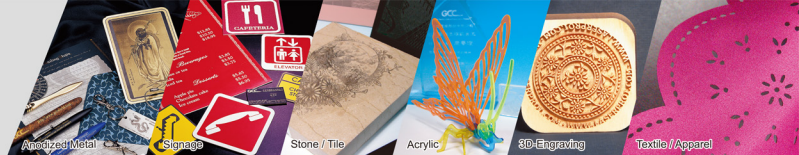
GCC LaserPro C180

Unmatched Performance Delivered in Style



C180

- Spacious 18" x 12" (458 X 305 mm) working area
- Closed-loop DC servo motor for accurate and rapid movement
- TrueImage innovation produces exceptional engraving quality
- 30W cuts through 10 mm thick acrylic in a single pass
- Intuitive Drag-N-Engrave feature
- Prestored parameters setting database by material
- Compatible with wireless data transmission via wireless network
- LaserPro DirectPrint MAC AI Plug-In available for use with MAC OS



Laser Engraver

GCC LaserPro C180

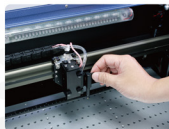
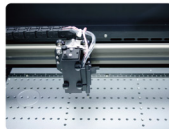


GCC LaserPro C180

The C180 is designed to provide an enjoyable engraving experience. Underneath the stylish exterior is a full 18" x 12" (458 x 305 mm) working area. Engraving depth can be easily extended from the normal 4 inches to 6 inches in less than a minute. The C180 is an all purpose laser engraving system that delivers spectacular engraving and cutting results and makes every job a pleasant working experience.

Closed-loop DC Servo Motor and Reliable Motion System

The C180 utilizes high performance Closed-loop DC servo motors for precise and fast carriage movement combined with a reliable motion system to produce exceptionally accurate outputs.

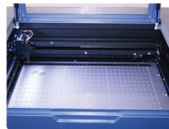
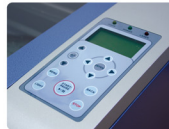


SmartPIN Auto Focus

The plug and play probe design makes focusing a one-touch process and provides the accuracy and precision required for optimum quality in the laser engraving process.

Simple and Intuitive Control Panel

A user-friendly menu-driven interface system simplifies operation. Hot keys design and job status display facilitates your work and makes it clear and easy to carry out.

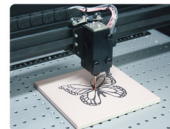


Built-in SmartBox™

The built-in SmartBox™ feature produces a downward pulling force to keep light items in place creating a stable working environment.
* Available on full version only.

Internal LED Lighting

Internal LED lighting illuminates the working space giving a clear view of the work in progress.

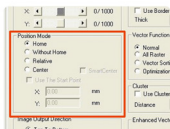
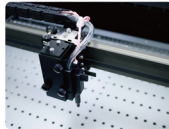


SmartCENTER™

The super user-friendly SmartCENTER™ function helps end users to easily and automatically locate the center point of objects of any shape vastly eliminating tedious setup time.

Drag-N-Engrave

The "Drag-N-Engrave" feature greatly reduces the complex set up procedures and allows the users to directly drag the lens carriage to the starting point of a job.



Programmable Origin Modes

Easy to use position modes allow the operator an effortless way to setup a job. Repetitive workflows can be drastically simplified by relocating the origin position to any desired location.