Optional Items

Air Compressor Unit

SmartGUARD™

Air Extraction System

Rotary Attachment
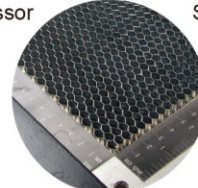
Honeycomb Table

SmartMEMORY™

GCC LaserPro

Laser Engraver

Perfection Inside Out
GCC LaserPro C180II
Unmatched Performance Delivered in Style

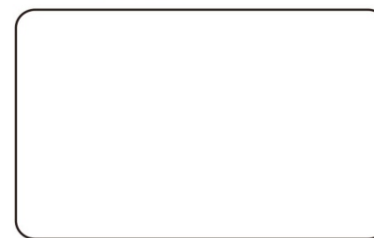| Specification	C180II
Work Area	18 x 12 in. (458 x 305 mm)
Max. Part Size (W x L x H)	19.8 x 12.2 x 6 in. (503 x 310 x 155 mm)
Table Size	20.4 x 14.7 in. (520 x 375 mm)
Dimensions	29.1 x 30.7 x 16.1 in. (740 x 780 x 410 mm)
Laser Source	12 to 40 Watt Sealed CO_2 Laser
Cooling	Air-cooled, Operating environment 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 2 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 4" connection on the back of the machine

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

** File transmission at USB 2.0 Full Speed rate.

∆ Specifications are subject to change without prior notice.

DANGER

LASER RADIATION - AVOID DIRECT EYE EXPOSURE
LASER DIODE 5mW MAX OUTPUT AT 630~680nm
CLASS 2 LASER PRODUCT

LASER RADIATION –
AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT
LASER DIODE 5mW MAX
OUTPUT AT 630~680nm
Classified by EN 60825-1:1994+A1:2002+A2:2001   LASER APERTURE

CE

Pb

RoHS

C180II

- 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 with a single pass
- Intuitive Drag-N-Engrave feature
- Prestored parameters setting database by meterial
- Compatible with wireless data transmission via wireless network
- Side cover open for easier maintenance access
- Smart vacuum adjustment for top and bottom ventilation
- Extended Z clearance up to 6" material part size

Authorized Dealer

www.GCCworld.com

Anodized Metal | Signage | Stone / Tile | Acrylic | 3D-Engraving | Textile / Apparel
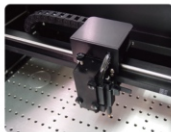
Laser Engraver

GCC LaserPro C180 II

GCC LaserPro C180 II

The C180II 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 C180II 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 C180II 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.

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.

Internal LED Lighting

Internal LED lighting illuminates the working space giving a clear view of the work in progress. Big red button located on the top of the machine allows operators to stop the laser and the motion carriage immediately to provide highly safety operation.

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.
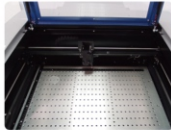
SmartPIN Auto Focus

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

Built-in SmartBOX™

The built-in SmartBOX™ feature produces a downward pulling force to keep light items in place creating a stable working environment.
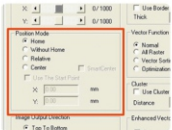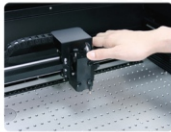
SmartCENTER™

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.

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.