

## 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 in. (505 x 309 x 170 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 <sub>2</sub> 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 <sub>z</sub> / hr (1137 cm <sub>z</sub> / 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 port
Compatible Operating Systems	MS Windows
Memory Buffer	32MB standard
Display Panel	4-line LCD panel 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
<b>Facility Requirements</b>	
Electrical	Below 40 Watt, 100~240 Volt AC Auto Switching; 40Watt and above, 200~240 Volt AC Auto Switching
Power Consumption	700W - 2640W
Air Exhaust System	External exhaust system required, one 2" connection on the back of the machine

\*Speed is not equal to throughput. See dealer or visit [www.laserpro.com](http://www.laserpro.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".

## Optional Items



Air Compressor

Air Extraction System

SmartGUARD™



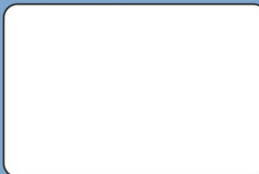
SmartMEMORY™

Rotary Attachment

Honeycomb Table



Authorized Dealer


[www.GCCworld.com](http://www.GCCworld.com)

**GCC**  
LaserPro



- ▶ Spacious 18" x 12" (458 x 305 mm) working area
- ▶ Closed-loop DC servo control 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

**GCC**

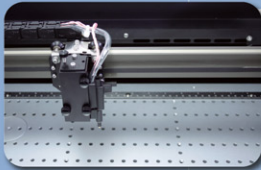
GCC Headquarters 4F., No.236, Fude 2nd Rd., Xizhi Dist., New Taipei City 22151, Taiwan 886-2-6616-6692 Fax: 886-2-2694-6875  
 GCC China No.1, Chen Feng Road, Yushan, Kunshan, Jiangsu 215300, China 86-512-5726-1515 Fax: 86-512-5726-1518  
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 GCC America, Inc 323 Paseo Tesoro, Walnut, CA 91789, USA 1-909-718-0248 Fax: 1-909-718-0251  
 US & Canada Only Toll Free: 1-888-284-5211

Laser Engraver

### 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.

#### Performance Features



##### 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.

#### User Friendly Features

##### 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.



##### 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.

##### Open Front Door Design

The top cover coupled with the front door open design allows easy loading of working pieces.



## LaserPro C180

### Applications



Anodized Metal

Signage

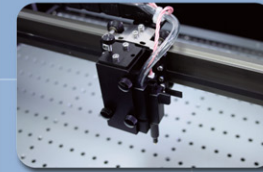
Stamp Making

Stone / Tile

Acrylic

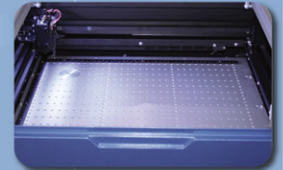
3D-Engraving

Textile / Apparel



##### Drag-N-Engrave

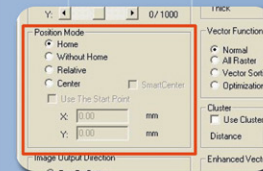
The "Drag-N-Engrave" feature greatly reduces the complex set up procedures and allows the users to directly drag the lens carriage to the starting point of a job.



##### 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.



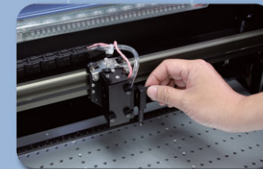
##### Programmable Origin Modes

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.

##### Internal LED Lighting

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

\* Available on full version only.



##### 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.