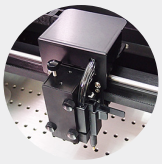
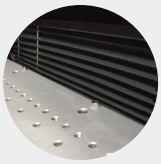
GCC LASER ENGRAVER
C180 II LASERPRO
ALL PURPOSE DESKTOP LASER

RF METAL TUBE LASERS









| OVERVIEW |

The C180II desktop laser engraver is designed to provide an enjoyable laser engraving experience. Underneath the stylish exterior is a full 18" x 12" (458 x 305 mm) working area.

The C180II laser engraver is an all purpose desktop laser engraver that delivers spectacular engraving and cutting results and makes every job a pleasant working experience.

| KEY FEATURES |

- Closed-loop DC Servo Motor and Reliable Motion System
- TrueImage (Patented)
- Open Front Door Design
- Drag-N-Play
- RoHS Compliance
- Simple and Intuitive Control Panel
- SmartPIN™ AutoFocus (Patented)
- Dust Protection Design (Patented)
- Programmable Origin Modes
- Internal LED Lighting
- Emergency Stop
- Built-in SmartBOX™
- SmartCENTER™ (Patented)
- Smart Vacuum
- Bridge Cutting

| OPTIONAL ITEMS |

- Rotary Attachment - C180II
- SmartTOOL™
- Air Compressor
- SmartGUARD™ Fire Alarm (Patented)
- Honeycomb Table
- SmartPRINT™
- Donaldson BOFA fume extraction system
- SmartTRAY™

Dimensions

Product Dimensions:	780 x 740 x 410 mm
Max Part Size	503 x 310 x 152.4 mm
Table Size	520 x 375 mm
Work Area	458 x 305 mm

Technical Specification

Laser Source	12 to 40 Watt Sealed CO2 Laser
Cooling	Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)
Drive	Closed-loop DC Servo Control
Max Motor Speed	1.01 m/s (40 in/s)
Speed Control**	Adjustable from 0.1-100%
Power Control**	Adjustable from 1-100%
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	Standard 2.0", optional 1.5" available
Resolution (DPI)	125, 250, 300, 380, 500, 600, 760, 1000
Computer 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 comp.
Operating Systems	MS Windows
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 1 Laser Product Compliant with EN60825, Class 2 Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance
Operation Voltage	100-240VAC, 50-60Hz Auto Switching, Max. 15A
Fume Exhaust System	External exhaust system with minimum flow rate 215m3/h (CFM 125 ft3/min) is required, 10kPA negative pressure

** Speed is not equal to throughput.*
*** Up to 16 colour linked power settings per job*

flamefast | EDUCATION
Engineering Equipment for Education

* Images are for reference only and may differ from the final product
** Flamefast reserves the right to change product specification without prior notice

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