GCC LASER ENGRAVER
MG380 HYBRID LASERPRO PACKAGE VERSION

HYB HYBRID LASERS









| OVERVIEW |

The GCC LaserPro MG380Hybrid CO2 Laser Engraver is equipped with metal laser tube and glass laser tube at the same time which allows users to produce superior laser engraving and cutting workpiece.

This all-in-one laser engraver machine saves your storage space and makes your profit maximum. GCC LaserPro always has an edge over the others with numerous uniquely innovative and user-friendly features.

| KEY FEATURES |

- RoHS Compliance
- Dual Laser Tubes (Patented)
- Innovative Software Features
- Emergency Stop
- Motion System with DC Servo Motor
- AutoFocus (Patented)
- Programmable Origin
- SmartBOX™ (Optional)
- Pass-through Front to Rear Doors (Optional)
- Easy-to-use Control Panel
- Rigid and Reliable Construction
- Superb Engraving and Cutting Quality
- AAS Contour Cutting Device (Patented)(Optional)

| OPTIONAL ITEMS |

- SmartTOOL™
- Rotary Attachment
- Air Compressor
- SmartGUARD™ Fire Alarm (Patented)
- Honeycomb Table
- SmartPRINT™
- Entry-Level Fume Extraction System
- External Interface Control Board
- AAS Contour Cutting Device (Patented)
- SmartBOX™
- SmartAIR™ Fine Nozzle

Dimensions

Product Dimension	1750 x 1242 x 1017 mm
Max part size	1041 x 635 x 165 mm (all doors closed)
Max part size	1041 x ∞ x 165 mm (all doors open)
Table Size	1085 x 750 mm
Work Area	960 x 610 mm

Technical Specification

Laser Wattage 12100	RF driven metal laser tube: 12W DC driven glass laser tube: 100W
Laser Wattage 30100	RF driven metal laser tube: 30W DC driven glass laser tube: 100W
Laser Source	Sealed CO2 Laser
Laser Cooling	RF driven metal laser tube: Air Cooled / DC driven glass laser tube: Water Cooled
Driving Motor	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", 3"
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.
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 1 Laser Product Compliant with EN60825 Class 2 Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance Class 4 Laser Product Compliant with CDRH with the optional pass-through door module
Operation Voltage	200-240VAC, 50/60Hz auto switching, Max. 8A
Water Chiller	External water chiller required
External Exhaust System	with minimum flow rate 800m3/h (CFM 471 ft3/min) is required,2.3kPA negative pressure (Pure-Air PA-1500FS @ 4" & 8" exhaust port)

** Speed is not equal to throughput.*
*** Up to 16 colour linked power settings per job*
The flow rate is determined by a default fume extraction system; the flow rate may vary due to a di fferent fume extraction system.

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* 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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