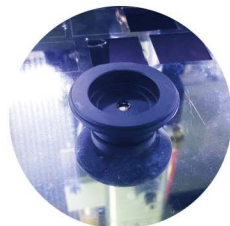
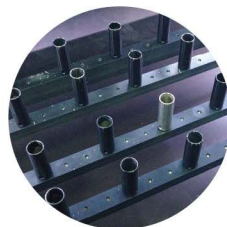


Optional Items



Magnetic Fixture



Supporting Pin



SmartAIR Ultra Nozzle



Laser Cutter

GCC LaserPro FMC 280

Compact and Powerful Fiber Laser Metal Cutting System

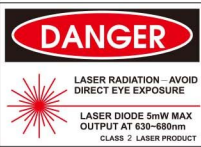


| Specification | FMC 280 |
|----------------------------|---|
| Model Name | FMC 280-Z1 |
| Laser Source | 1070nm fiber laser source, 1.5kW peak power |
| Work Area | 28 x 14.5 in. (712 x 370 mm) |
| Max. Part Size (W x L x H) | 30.9 x 21.3 x 4.7 in. (786 x 542 x 120 mm) |
| Dimensions | 44.3 x 28.3 x 70.8 in. (1125 x 720 x 1800 mm) |
| Cooling | Air Cool |
| Drive | Closed-loop DC Servo Control |
| Maximum Motor Speed* | 20 IPS |
| 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 speed settings per job) |
| Distance Accuracy | 0.254 mm or 0.1% of move, whichever is greater |
| Z-Axis Movement | Automatic |
| Resolution (DPI) | 3000 |
| Computer Interface | 10 Base-T Ethernet, Full speed 2.0 USB |
| Display Panel | 4-line LCD panel showing current file name, total working time, laser power, cutting speed, file(s) loaded into memory buffer, setup and diagnostic menus |
| Safety | Class I Laser Product Compliant with EN60825 Class II Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance |
| Operation Voltage | 200-240 Volt AC Auto Switching |
| Power Consumption | 1800W |

* Speed is not equal to throughput. See dealer or visit www.GCCworld.com for more details.
Δ Specifications are subject to change without prior notice.



Authorized Dealer



GCC Headquarters 4F-1., 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
GCC Europe B.V. Eglantierbaan 43-45, 2908 LV, Capelle a/d IJssel, The Netherlands 31-10-458-9367 Fax : 31-10-451-9874
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

www.GCCworld.com

- Spacious 28" x 14.5" (712 mm x 370 mm) working area
- Easy to use graphic control panel
- Automatic Z movement to load up to 120 mm (4.7") thick objects
- Design in high quality components like German laser source, U.S. made capacitive cutting head
- State-of-the-art fiber laser technology to cut up to 3 mm thick stainless steel
- AutoFocus function to automatically find correct focal distance
- Direct output from familiar graphic program through easy to use Windows driver interface

FMC 280

Laser Cutter

GCC LaserPro FMC 280

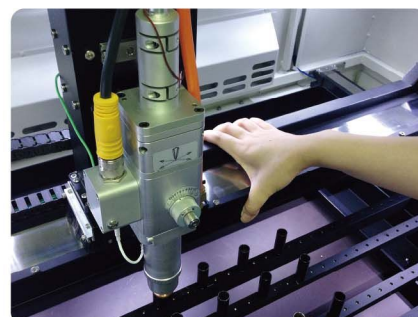


GCC LaserPro FMC 280

A compact size laser system with powerful fiber laser source, GCC LaserPro delivers an easy way to operate fiber laser cutting system which yields spectacular cutting edges. The FMC 280 is a cutting specialist engineered for performance and produces excellent output quality, good for specialized engineering projects, prototyping, education and customization jobs. Innovative features developed from GCC LaserPro's years of experience makes FMC 280 the most user-friendly system on the market.

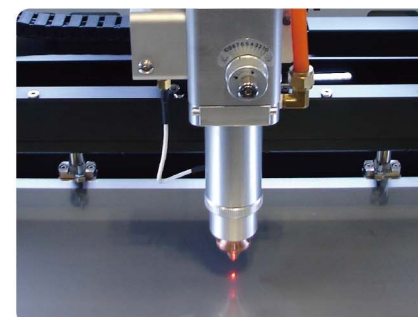
Drag-N-Play

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



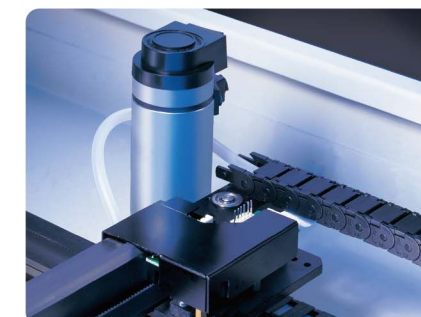
Capacitive Cutting Head with Autofocus

Precise capacitive cutting head design keeps fixed distance between cutting head and heat deformed material to obtain consistent cutting quality over the platform.



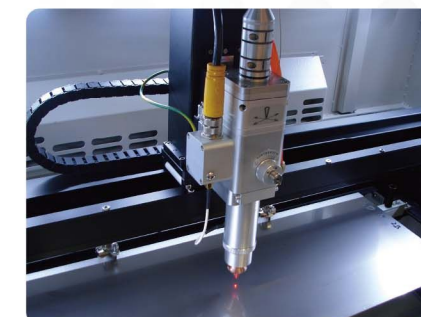
DC Servo Motor Motion System

The GCC LaserPro FMC 280 utilizes closed-loop DC servo motor technology for precise and fast carriage movement to ensure exceptionally accurate cutting outputs.



DuraGuide™ Motion Design System

Systematic and reliable motion system embedded with strong mechanical framework, reinforced Kevlar belts, and accurate servomotor control technology to deliver superb output quality. SmartSEAL™ dust protection design to keep dust from the motion system to reduce daily maintenance and prolong rail's life cycle.



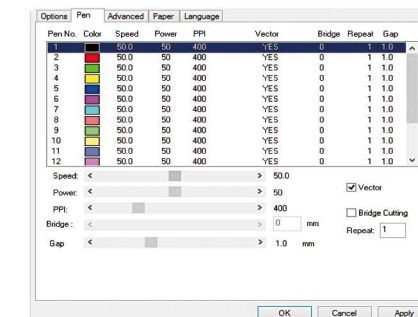
Unique Fiber Laser Source with Exquisite Cutting Capability

World leading fiber laser source with unique laser firing mode control meets variety metal sheets processing demand. Powerful cutting capability to handle up to 3 mm thick stainless steel and high reflective metals with clear edge.



Key Switch & Emergency Stop

Key switch safeguards the machine from unauthorized use. Prominent emergency button located on the top of the machine allows operators to stop the laser and the motion carriage immediately to provide a safe operating environment.



Innovative Windows Driver

Output directly from familiar designing programs such as AutoCad, CorelDraw and Illustrator through Windows driver instead of relying on a proprietary Application Program. Innovative driver greatly reduce tedious setup work with user friendly functions.



Collecting Drawer

It is a convenient design for users to collect completed workpieces and clean scrap easily.