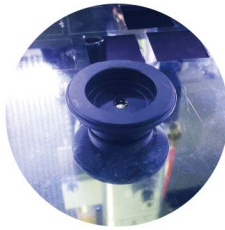


Optional Items



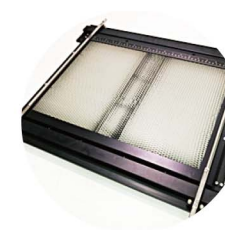
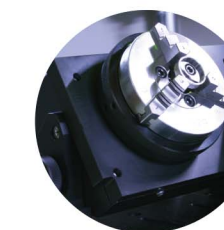
Magnetic Fixture



Supporting Pin



SmartAIR Ultra Nozzle

Thin Metal Film
Clamping Device

Rotary Chuck

Specification		FMC 280-Z1	FMC 280-Q
Laser Source		1070nm fiber laser source, 1.5kW peak power	
Work Area	Normal	712 x 370 mm (28 x 14.5 in.)	
	With Thin Film Clamp	458 x 305 mm (18 x 12 in.)	
Max. Part Size (L x W x H)		786 x 542 x 120 mm (30.9 x 21.3 x 4.7 in.)	786 x 542 x 75 mm (30.9 x 21.3 x 2.9 in.)
Dimensions (W x D x H)		1125 x 720 x 1800 mm (44.3 x 28.3 x 70.8 in.)	
Cooling		Air Cool	
Drive		Closed-loop DC Servo Control	
Maximum Motor Speed*		0.50 m/s (20 in/s)	
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	
Engraving Capability		256-level grayscale image processing capability	
Resolution (DPI)		125, 250, 300, 380, 500, 600, 760, 1000, 1500, 3000	
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 computer	
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 1 Laser Product Compliant with EN60825 Class 2 Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance	
Operation Voltage		200-240VAC, 50/60Hz Auto Switching, Max. 12A	

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

△ Specifications are subject to change without prior notice.

*** Please use certified brands by GCC for LaserPro USB storage, kindly refer to GCC User Manuals for more details.



Authorized Dealer


www.GCCworld.com


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	
GCC America, Inc	20550 Carrey Road, Walnut, CA 91789, USA	1-909-718-0248	Fax : 1-909-718-0251
		US & Canada Only	Toll Free: 1-888-284-5211

GCC LaserPro FMC 280 Series

Compact and Powerful
Fiber Laser Metal Engraving & Cutting System



FMC 280 Series

- Spacious 712 x 370 mm (28 x 14.5 in.) working area
- Automatic Z movement to load up to 120 mm (4.7 in.) 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 print driver

Thin Metal Film

Cylinder

Brass

Stainless Steel

Aluminum

Copper

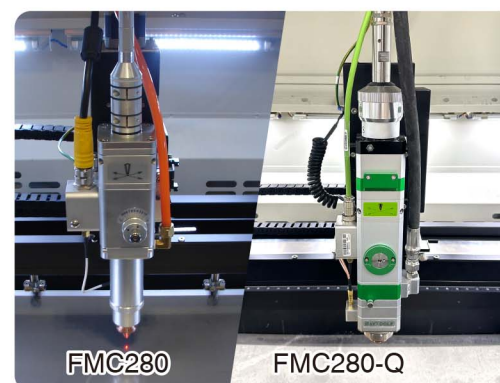
GCC LaserPro FMC 280 Series

Fiber Laser Engraver & Cutter



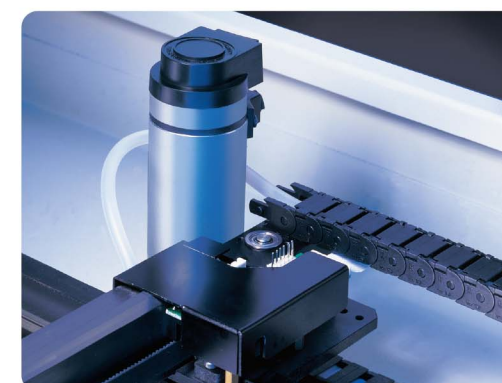
Capacitive Cutting Head with Autofocus

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



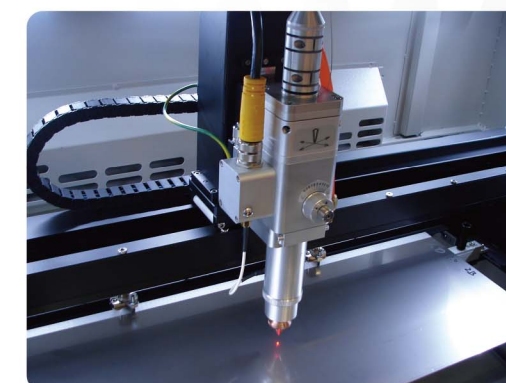
DC Servo Motor Motion System

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

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.



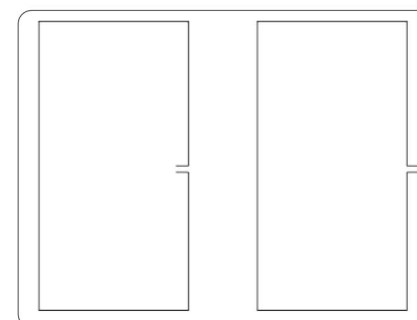
Fiber Laser FMC 280 Series

The compact FMC 280 from GCC LaserPro combines powerful fiber laser engraving and precision cutting in one user-friendly system. Designed for high performance and excellent output quality, it is ideal for engineering projects, prototyping, education, and customization applications. Innovative features developed from GCC LaserPro's years of experience make the FMC 280 one of the most user-friendly systems on the market.



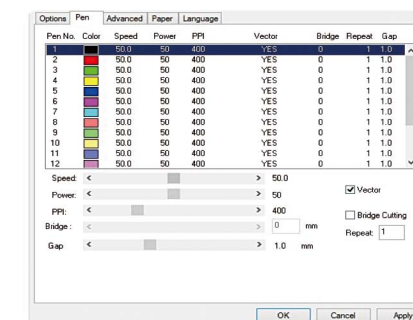
Unique Fiber Laser Source with Exquisite Cutting Capability

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.



Node Bridge Cutting

Node Bridge function helps generate good cutting edge by assigning small bridges on the cutting path to prevent the cutout falling apart and remove it manually after laser cutting.



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.



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.