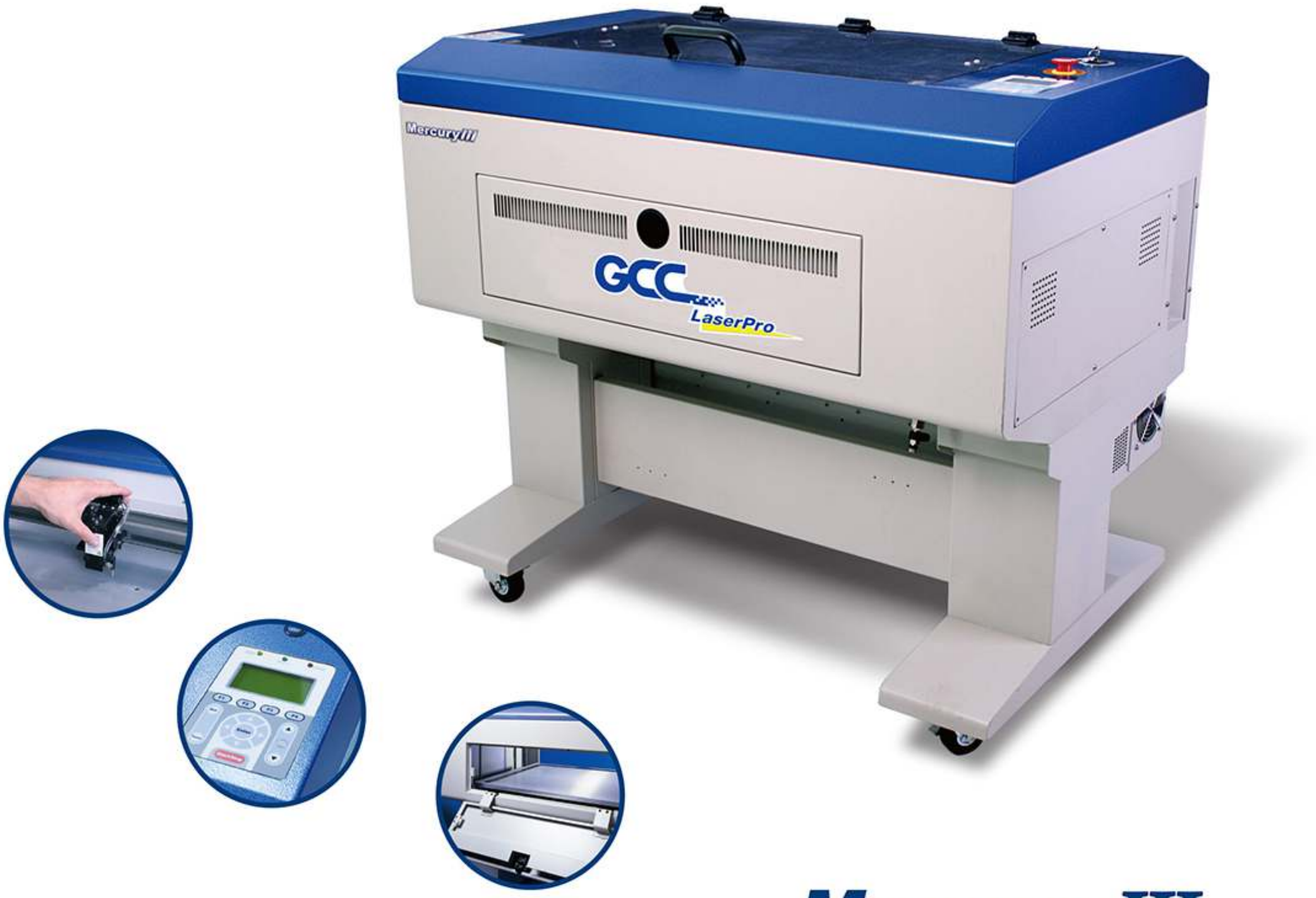
Laser Engraver

GCC LaserPro Mercury III

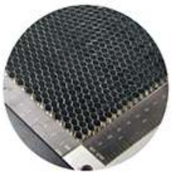
The Ultimate Workhorse with a Proven Track Record



Mercury III

- 25" x 18" (635 x 458 mm) working area
- Popular all around laser engraver with stable and satisfactory performance
- Intuitive control panel allows easy operations
- Easy maintenance motion system
- Emergency button and key-switch add an extra layer of safety
- Pass-through front and rear doors to accommodate oversized working pieces
- Feature-rich windows driver
- Power by USA Made Synrad laser

Optional Items


Honeycomb Table

Air Compressor Unit

Air Extraction System

SmartGUARD™

SmartAIR Nozzle

Rotary Attachment

Mercury III		**ME-12**	**ME-25**	**ME-40**	**ME-T60i**
Laser Source		12W	25W	40W	60W
		Sealed CO2 Laser			
Cooling		Air-cooled, Operating environment temperature 15°- 30° C (60° - 86° F)			
Work Area		25 x 18 in. (635 x 458 mm)			
Max. Part Size (W x L x H)	All doors closed	27 x 19 x 6.5 in. (685 x 482 x 165 mm)			
	All doors open	27 x ∞ x 6.5 in. (685 x ∞ x 165 mm)			
Table Size		31.1 x 20.9 in. (790 x 530 mm)			
Dimensions (W x D x H)		44.3 x 28.3 x 39.6 in. (1125 x 720 x 1005 mm)			
Drive		Closed-loop DC Servo Control			
Maximum Speed *		42 IPS			
Throughput *		166.3 in^2 / hr (1072.8 cm^2 / 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", 2.5", & 4.0" available			
Resolution (DPI)		Available 125 , 250 , 300 , 380 , 500 , 600 , 760 ,1000			
Computer Interface		Standard printer port and USB 2.0** port			
Compatible Operating Systems		MS Windows			
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 I Laser Product Complies with EN60825 Class II Laser Product Complies with CDRH			
Standard Features					
Auto Focus		✓			
Red Dot Pointer		✓			
Pass Through Doors		✓			
3D and Stamp Mode		✓			
Facility Requirements					
Operation Voltage		Below 40 Watt, 100~240 Volt AC Auto Switching; 40 Watt and above, 200~240 Volt AC Auto Switching			
Power Consumption		700W	880W	1740W	2000W
Air Exhaust System		External exhaust system required, one 4" connection on the back of the machine			

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

** File transmission at USB 2.0 Full Speed rate.

∆ Specifications are subject to change without prior notice.

Authorized Dealer

DANGER
LASER RADIATION-AVOID DIRECT EYE EXPOSURE
LASER DIODE 0.9mW MAX OUTPUT AT 640~660nm
CLASS 2 LASER PRODUCT

LASER RADIATION -
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OUTPUT AT 640~660nm
Classified by EN 60825-1:1994+A1:2002+A2:2001
LASER APERTURE

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