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Optional Items

SmartAIR Nozzle
SmartGUARD™
Air Compressor Filter
Air Compressor Unit
Air Extraction System
SmartMEMORY™

GCC LaserPro

Laser Engraver

GCC LaserPro S290 LS

Full Table Size Metal Marking System with the Largest Working Area

Specification		S290LS-20LRM	S290LS-20SHS	S290LS-40HHS
Laser Source		Fiber 20W	Fiber 20W	Fiber 40W
Wavelength		1064 nm		
Work Area		25 x 18 in. (640 x 460 mm) extendable to 29 x 18 in. (736 x 460 mm)		
Max. Part Size (W x L x H)	All doors closed	31.5 x 22.4 x 6.5 in. (800 x 570 x 165 mm)		
	All doors open	31.5 x ∞ x 6.5 in. (800 x ∞ x 165 mm)		
Table Size		31.1 x 20.9 in. (790 x 530 mm)		
Dimensions		44.3 x 28.3 x 39.6 in. (1125 x 720 x 1005 mm)		
Cooling		Air Cool		
Drive		Closed-loop DC Servo Control		
Maximum Speed*		60 IPS	80 IPS	
Speed Control		Adjustable from 0.1~100% (Up to 16 color-linked speed settings per job)		
Power Control		Adjustable from 0.1~100% (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)		Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500, 3000		
Computer Interface		Standard printer port and USB 2.0** port		
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		
Memory Buffer		32MB standard		
Safety		Class 3R for red pointer		
Facility Requirements				
Operation Voltage		100V - 220V AC Auto Switching		
Power Consumption		1320W	1320W	1320W
Air Extraction 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.laserproi.com for more details.
** File transmission at USB 2.0 Full Speed rate.
∆ Specifications are subject to change without prior notice.

CE

Authorized Dealer

DANGER
LASER RADIATION - AVOID DIRECT EYE EXPOSURE
LASER DIODE 5mW MAX OUTPUT AT 630~680nm
CLASS 3R LASER PRODUCT

LASER RADIATION –
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
LASER DIODE 5mW MAX
OUTPUT AT 630~680nm

RoHS

www.GCCworld.com

S290 LS

- Spacious 29" x 18" working area
- Closed-loop DC servo control for precise and rapid movement
- Superior engraving quality
- DPSS & fiber laser technology for metal and plastic engraving User-friendly features
- Easy to use MS Windows based driver interface

Plastic Marking | Metal Marking | Bar Code Marking | PET Card | Jewelry Marking
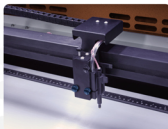
Laser Engraver

GCC LaserPro S290 LS

GCC LaserPro S290 LS

A full table size production marker, GCC LaserPro delivers an easy to operate DPSS laser marking system which yields spectacular marking results. The S290 LS is a marking specialist engineered for performance and produces excellent output quality. Whether it is a graphic on metallic surfaces, markings on plastic surfaces, or simply barcodes on metal tools, the S290 LS produces the finest markings. Furthermore, innovative features developed from LaserPro's years of experience makes the S290 LS the most user-friendly system on the market.

Drag-N-Engrave

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

Pass-through Front and Rear Doors

Convenient front and rear door design enables loading of extremely long working pieces.

SmartACT™ (Patented)

Ground-breaking technology that reduces the ramping process, the job running time, which translates into higher productivity.

Easy-to-use Control Panel

A user-friendly menu-driven interface system simplifies complex tasks. Hot keys design and job status display facilitates your work and makes it clear and easy to carry out.

DuraGuide

Systematic and reliable motion system embedded with strong mechanical framework, reinforced Kevlar belts, and accurate servomotor control technology to deliver superb output quality under rapid movement.

SmartLID™

An innovative lid that opens from both ends allowing easier access for daily maintenance.
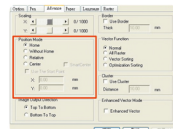
SmartCENTER™ (Patented)

The super user-friendly SmartCENTER™ function helps end users to easily and automatically locate the center point of objects of any shape vastly eliminating tedious setup time.

Programmable Origin Modes

Easy to use position modes allow the operator an effortless way to setup a job. Repetitive workflows can be drastically simplified by relocating the origin position to any desired location.