



LaserPro S290

A full table size production marker, GCC LaserPro delivers an easy to operate DPSS laser marking system which yields spectacular marking results. The S290 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 produces the finest markings. Furthermore, innovative features developed from LaserPro's years of experience makes the S290 the most user-friendly system on the market.

Features:



RoHS Compliance

As a market leader and an environment-friendly product manufacturer, GCC is committed to make all-out efforts to preserve the global environment. Our products are compliant with the European Parliament Directive 2002/95/EC, Restriction of Hazardous Substances(RoHS).



Pass-through Front and Rear Doors

Convenient front and rear door design enables loading of oversized working pieces



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.



Drag and Engrave

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



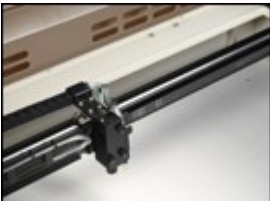
SmartLID™

An innovative design that grants easy access to internal machine parts for daily maintenance.



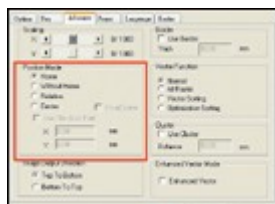
Auto Power Compensation

The APC feature ensures the power stability of the DPSS laser during operation automatically making adjustments to make sure that the output power is consistent to present delicate engraving quality.



Closed-loop DC Servo Motor and Reliable Motion System

The S290 utilizes a high performance Closed-loop DC servo motor for precise and fast carriage movement combined with a reliable motion system and the result is exceptionally accurate outputs.



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.

S290		S290-10
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)
Power		10 W
Laser Source		Nd: YVO4 Laser
Cooling		Air Cool
Drive		Closed-loop DC Servo Control
Maximum Speed*		60 IPS
Speed Control		Adjustable from 0.1 to 100% of 20 IPS (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		0.254mm or 0.1% of move, whichever is greater
Z-Axis Movement		Automatic
Focus lens		Standard 4.0", optional 2.0" available
Resolution (DPI)		Available 200, 250, 300, 500, 600, 1000
Computer Interface		Standard printer port and USB port
Memory Buffer		32 MB standard (Upgradeable to 64 MB)
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 3R for red pointer
Facility Requirements		
Electrical		100 V-220 Volt AC Auto Switching

Power Consumption	2200 W
Air Extraction System	External exhaust system required, one 4" connection on the back of the machine.