

## Specification

S290	S290-10		S290-20
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 20.9 x 4.7 in. (800 x 530 x 120 mm)	
	All doors open	31.5 x ∞ x 4.7 in. (800 x ∞ x 120 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	10W	20W	
Laser Source	Nd: YVO4 Laser	Fiber Laser	
Cooling	Air Cool		
Drive	Closed-loop DC Servo Control		
Maximum Speed*	60 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 power settings per job)		
Distance Accuracy	0.254 mm or 0.1% of move, whichever is greater		
Z-Axis Movement	Automatic		
Focus Lens	Standard 4.0", optional 2.0" available		
Resolution (DPI)	Available 125, 250, 300, 380, 500, 600, 760, 1000		
Computer Interface	Standard printer port and USB port		
Memory Buffer	32MB standard		
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	100V - 220V AC Auto Switching		
Power Consumption	2200W	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.laserpro.com](http://www.laserpro.com) for more details

## Optional Items



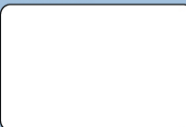
SmartAIR™ Fine Nozzle    SmartGUARD™ Fire Alarm    Honeycomb Table



Air Compressor Filter    Air Compressor    Air Extraction System



Authorized Dealer



[www.GCCworld.com](http://www.GCCworld.com)



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**LaserPro®**  
[www.laserpro.com](http://www.laserpro.com)

**Full Table Size Metal Marking System  
 with the Largest Working Area**

**LaserPro S290**



- 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

Laser Marker

**LaserPro®**  
[www.laserpro.com](http://www.laserpro.com)

## 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.



### Pass-through Front and Rear Doors

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

### SmartACT™ (Patented)

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



### 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.



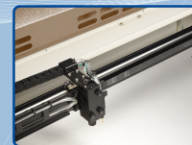
### SmartLID™

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



### 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.



### 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.

### SmartCENTER™

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.



# Applications



Plastic Marking



Bar Code Marking



Metal Marking



PET Card



Jewelry Marking