



The most advanced laser engraver engineered to deliver unrivaled output performance. LaserPro's award winning product gets bigger and faster. The Spirit series has received worldwide accolades from the signs and awards industry since its introduction. Now welcome the top of the line, Spirit GX, to the family. The Spirit GX is equipped with sensible upgrades to further boost overall usability.

Award



Patent:



SmartACT

LaserPro provides many noticeable innovations on LaserPro laser engravers and we would like to introduce the patented SmartACT to you this time. SmartACT allows the laser to make a much shorter ramping process, reducing the job run time, and creating higher productivity by reducing unnecessary travel. SmartACT automatically separates the working area in to three parts when the laser carriage travels through the working object. The laser traveling speed and the laser output power are increased in the first part, keeping the same in the second part, and reduced in the third part. Consequently, every unit of the travel route obtains the same amount of laser output power. With SmartACT's special power control design, you will not need to reserve the blank edges on the working object for speeding up anymore. The small or full-plate working times are especially helpful. The job run time is cut down and the processing is accelerated. Try SmartACT function by setting it in your LaserPro laser engraver driver, and enjoy the productivity improvement, efficiencies increasing and the faster return on your investment.

Features:



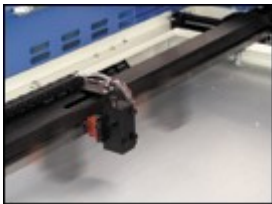
RoHS Compliance

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).



SmartLID™

Innovative design allows easy access to daily maintenance.



SmartACT™

Ground breaking technology that reduces the ramping process and job running time helping you to boost productivity.



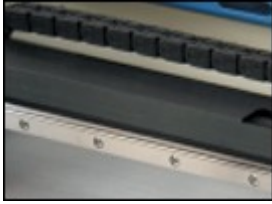
QSM

Quality Speed Mode technology redefines the correlation between speed and quality allows generation of marvelous engraving quality while racing at high speeds.



Extra Large Working Area

Extra large working area extendable to 38" x 24" (965 x 610 mm). The spacious platform allows jobs that require large working space. The Spirit GX offers 42% more working area compared to Spirit.



High Precision Linear Guide

Accurate linear motion system made of a sturdy and high quality stainless steel structure that ensures spectacular precision.



Pass-through Front & Rear Doors

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



Drag and Engrave

An extremely user-friendly operation based on servomotor technology and sensible innovative ideas. Simply drag the pen carriage to the desired position and press start to commence the engraving.



Programmable Origin

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.



SmartPIN™ Auto Focus

The plug-and-play probe design makes focusing a one-touch process and provides the accuracy and precision required for optimum quality in the laser engraving process.

Spirit GX		
Work Area	34 x24 in. (860 x 610mm) Extendable to 38 x24 in. (965 x610 mm)	
Maximum Part Size (W xL x H)	All doors closed	40 x 24 x 7 in. (1016 x 610x 177 mm)
	All doors open	40 x ∞ x 7 in. (1016 x ∞ x 177 mm)
Table Size	40.3 x27.7 in. (1025 x705 mm)	
Dimensions	53.7 x34.6 x 39.7 in. (1365 x880 x 1010 mm)	
Laser Source	30 to 100 Watt Sealed CO2 Laser	
Cooling	Air-cooled, Operating environment temperature 15o - 30oC (60o - 86oF)	
Drive	Closed-loop DC Servo control	
Maximum Speed*	80 IPS	
Throughput*(SIPH-Square Inch Per Hour)	322.1 SIPH	
Speed Control	Adjustable from 0.1-100% of 80IPS (Up to 16 color-linked speed settings per job)	
Power Control	Adjustable from 1~100% (UP to 16 colors linked power setting per job)	
Distance Accuracy	0.254mm 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, 750, 1000	
Computer Interface	Standard print port and USB port	
Memory Buffer	32MB standard (Upgradeable to 64MB)	
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 IIIR for red pointer	
Electrical	100~240 Volt AC Auto Switching for 30W and below 200~240 Volt AC Auto Switching for 40W and above models	
Power Consumption	2000 W-4400 W	
Air Exhaust System	External exhaust system is required, one 4 in. connection on the back of the machine	