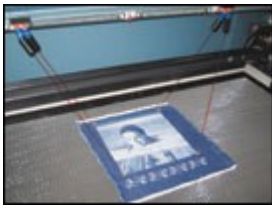




The LaserPro Gaia is designed and engineered for professional use ever since the beginning. Do not be fooled by the label of laser cutting system that is placed on the Gaia, in fact the Gaia is capable of exceptional engraving quality which separates it from the other laser cutting systems on the market. With a series of user-definable features and reserved extension slots for customization, the Gaia is the most flexible and user-friendly laser cutting system on the market today.

#### Features:



#### SmartPOINT Positioning Device (Patent Pending)

Material positioning made extremely easy by use of 4 red beam diodes. Simply aim each red beam diodes at distinct points on the material and the red beam becomes a very useful positioning tool to replicate previous jobs precisely.



#### Knife-shaped Cutting Table

Unique cutting table with tipped bars that can be easily adjusted without tools to create different levels of working depths. The cutting table of Gaia reduces laser reflections and delivers clear cutting edge.



#### QuickALIGN Remote Control (Patent Pending)

**QuickALIGN helps you to adjust the beam alignment easily through the user friendly design of remote control. Beam alignment will become much easier with this unique QuickALIGN design. Save Time on adjustment, gain more time on operation.**



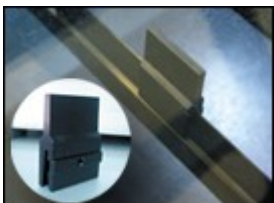
#### **LED Light Illumination System**

**A LED light module that illuminates the working space and makes every engraving detail easy to see.**



#### **Superior Engraving Quality**

**Gaia persists with GCC LaserPro's excellent engraving capability. Having cutting and engraving capability in one product, no more time wasted on switching materials from cutting and engraving machine. Compare to conventional cutting product. It is difficult to have a good and consist raster performance with large working area, but Gaia can.**



#### **Supporting Pin Kit**

**This design can firmly hold up the working object preventing it from falling off; moreover, it can effectively reduce the possibility of the reflected laser hitting the working object.**



#### **AAS Contour Cutting Device**

***(Patent Pending)***

**Developed by LaserPro's RD team, AAS is an exceptional user-friendly operation which offers accurate and faultless contour cutting by automatically tracking the position of graphics.**



### **Outstanding Cutting Capability**

**Gaia delivers high cutting quality with LaserPro's unique laser firing control technology. Up to 200W output power options, LaserPro Gaia can cut through 1" (25mm) acrylic in a single pass with a smooth finish and unmatched clear cutting edge.**



### **SmartLID Easy Access**

**Easy access design simplifies maintenance jobs and material loading. Interlock safety design prevents laser firing while the covers are not properly closed and ensures a safe working condition.**



### **AC Servo Motor**

**A motor of high torque, high speed and high caliber works perfectly with the high demands of LaserPro Gaia. The state of the art in AC Servo Motor design assures long motor lifetime and high precision.**



### **Unique Motion Guide**

**A unique motion guide is designed specially for Gaia by adopting a light weight and high strength structure, together with AC servo motor to provide first class stability and accuracy.**

Specification	Gaia		
	GA-5106	GA-5110	GA-5120
Laser Source	60 W	100 W	200 W
	Sealed CO <sub>2</sub> Laser		
Cooling	Air-cooled		Water-cooled
Work Area	50.7 in. x 36.1 in. (1290 mm x 916 mm)		
Max. Part Size (W x L x H)	Normal	50.7in. x 36.1 in. x 2.3 in. (1290 mm x 916 mm x 60 mm)	
	With SmartEXT	50.7in. x ∞ in. x 1 in. (1290 mm x ∞ mm x 25 mm)	
	With Honeycomb	50.7in. x 36.1 in. x 0.2 in. (1290 mm x 916 mm x 5 mm)/(With Honeycomb Table)	
Dimensions	71.6 in. x 49.2 in. x 52.3 in. (1820 mm x 1250 mm x 1330 mm)		
Weight	420 Kg / 924 lb		440 Kg / 968 lb
Drive	AC servo Control		
Maximum Speed*	30 IPS		
Throughput (SIPH-Square Inch Per Hour)	133.2 in <sup>2</sup> /hr (864.2 cm <sup>2</sup> /hr)		
Speed Control	Adjustable from 0.1-100% (Up to 16 color-linked speed settings per job)		
Power Control	Adjustable from 1-100% (Up to 16 color-linked power settings per job)		
Distance Accuracy	0.254mm or 0.1% of move, whichever is greater		
Z-Axis Movement	Manual		
Focus lens	Standard 4.0", optional 2.0" available		
Resolution (DPI)	Available 125, 250, 300, 500, 600, 1000		
Computer Interface	Standard Print port and USB port		
Memory Buffer	32MB standard (Upgradeable to 64 MB)		
Lens	Standard 4" focal lens in enclosed lens carriage (Optional 2" lens available )		
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		
Cutting Table	Knife-shaped cutting table with dust collecting tray		
<b>Facility Requirements</b>			
Electrical	AC 220 V / 15 A	AC 220 V / 20 A	AC 220 V / 20 A
Power Consumption	3300W	4400W	4400W
Air Extraction System	External exhaust system required to connect to 8-inch opening on machine (Air volume ( free flow)2000 m <sup>3</sup> /h, effective air capacity 100-1500m <sup>3</sup> /h, static pressure 3.0 pa)		
Air Compressor	Air compressor required		