

Specification		Spirit LS
Work Area		25 x 18 in. (640 x 460 mm) Extendable to 29 x 18 in. (740 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	26.8 x ∞ x 6.5 in. (680 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)
Laser Source		12 to 100W 10.6- $\mu$ m sealed CO2 Laser / 20W & 60W 9.3- $\mu$ m sealed CO2 Laser
Cooling		Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)
Drive		Closed-loop DC servo control
Maximum Motor Speed		80 IPS**
Throughput*		260.9 in <sup>2</sup> / hr (1683 cm <sup>2</sup> / hr)
Throughput* with SmartACT™ Enabled		322.1 in <sup>2</sup> / hr (2078 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 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 2.0", optional 1.5", 2.5", & 4.0" available
Resolution (DPI)		Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500, 3000
Computer Interface		Standard printer port and USB 2.0** port
Compatible Operating Systems		MS Windows
Memory Buffer		32 MB standard
Display Panel		4-line LCD display 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
Operation Voltage		100~240 Volt AC Auto Switching for 30 Watt and below; 200~240 Volt AC Auto Switching for 40 Watt and above models
Power Consumption		700W - 4400W
Air Exhaust System		External exhaust system is required, one 4" connection on the back of the machine

\* Speed does not equal to throughput. See dealer or visit [www.GCCworld.com](http://www.GCCworld.com) for more details.

\*\* For 30W and above models. (60 IPS for 12W & 25W models)

\*\* File transmission at USB 2.0 Full Speed rate.

Δ Specifications are subject to change without prior notice.