Optional Items

External Control Interface Board
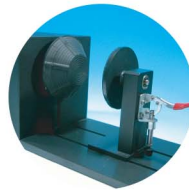
Rotary Attachment

SmartAIR Nozzle

SmartBOX™ Cutting Accessory

Air Compressor Unit

Air Extraction System

SmartGUARD™ Fire Alarm

Roll to Roll Autofeeder

Specification		Spirit
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	30 x 19 x 6.5 in. (762 x 482.6 x 165 mm)
	All doors open	30 x ∞ x 6.5 in. (762 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-μm sealed CO_2 Laser / 20W & 60W 9.3-μm sealed CO_2 Laser
Cooling		Air-cooled, Operating environment temperature 15°- 30°C (60°- 86°F)
Drive		Closed-loop DC Servo Control
Throughput*		245.5 in^2 / hr (1584 cm^2 / hr)
Throughput* with SmartACT™ Enabled		283.4 in^2 / hr (1828.8 cm^2 / hr)
Speed Control		Adjustable from 0.1-100% of 60 ips (Up to 16 color-linked speed settings per job)
Power Control		Adjustable from 1-100% (Up to 16 color-linked power settings per job)
Engraving Capability		256-level gray scale image processing capability
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
Computer Interface		10 Base-T Ethernet, Full speed 2.0 USB
Compatible Operating Systems		MS Windows
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 I Laser Product Compliant with EN60825, Class II Laser Product Compliant with CDRH 2006/42/EC Machinery Directive Compliance
Operation Voltage		Below 80Watt, 100-240V AC Auto Switching; 80Watt and above, 200-240V AC Auto Switching
Power Consumption		700W - 3300W
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 for more details.
Δ Specifications are subject to change without prior notice.

Authorized Dealer

CE · Pb · RoHS

DANGER — LASER RADIATION - AVOID DIRECT EYE EXPOSURE — LASER DIODE 5mW MAX OUTPUT AT 630-680nm — CLASS 2 LASER PRODUCT

LASER RADIATION = AVOID DIRECT EYE EXPOSURE
CLASS 2 LASER PRODUCT
LASER DIODE 5mW MAX
OUTPUT AT 630-680nm
Classified by EN 60825-1:1994+A1:2002+A2:2001   LASER APERTURE

SYNRAD

RoHS

GCC LaserPro

Laser Engraver

GCC LaserPro Spirit
Ingenious and Versatile Designs

Spirit

- 25" x 18" (640 X 460 mm) working area
- 60 IPS high working speed
- Patented SmartACT™ motion control technology innovation to reduce ramping and shorten running time
- Plug-and-play standard USB port for rapid data transmission
- Closed-loop DC servo motor for precise movement of laser carriage
- Patented SmartGUARD™ fire alarm device to provide maximum operation safety
- Pass-through front and rear doors to accommodate long working pieces
- TrueImage (patent pending) features to assure homogeneous engraving output

Anodized Metal　Signage　Stone / Tile　Acrylic　Leather　Textile / Apparel

Laser Engraver
GCC LaserPro Spirit

GCC LaserPro Spirit

GCC LaserPro Spirit is designed with the operator in mind and carrying various innovative features, reliable mechanics, and excellent output quality. GCC LaserPro Spirit is the missing piece in your operations puzzle, putting you on track for continued growth in your engraving and cutting business!

Reliable Motion System

Systematic and reliable motion system embedded with strong mechanical framework and accurate servomotor control technology to deliver superb output quality under rapid movement.

SmartPIN AutoFocus

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

Pass-through Front and Rear Doors

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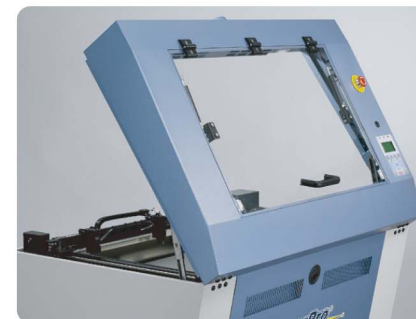
SmartLID™

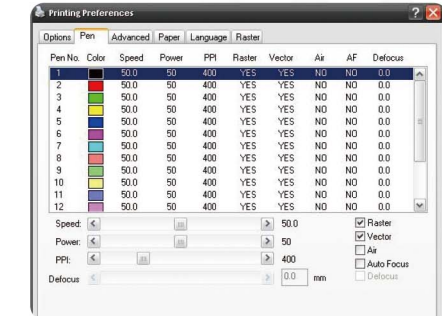An innovative lid that opens from both ends allowing easier access for daily maintenance.

SmartACT™ (Patented)

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

Emergency Stop

Big red button located on the top of the machine allows operators to stop the laser and the motion carriage immediately to provide a highly safe operational enviroment.
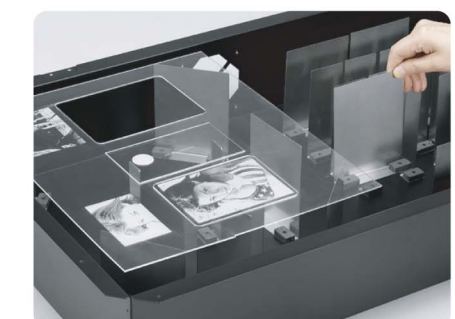
Innovative Software Features

Various user friendly features such as SmartCENTER, Defocus by pen, allows users to reduce set up time and make easy adjustments to achieve marvelous output quality.

SmartBOX™ (Optional)

An innovative technology that integrates the ventilation box with a honeycomb table. The result is not only a precise cut with sharp edges, but also a clean laser table to work on.