

SG SERIES Large Format CO₂ Cutting System

EASY TO OPERATE, EASY TO AFFORD . . .

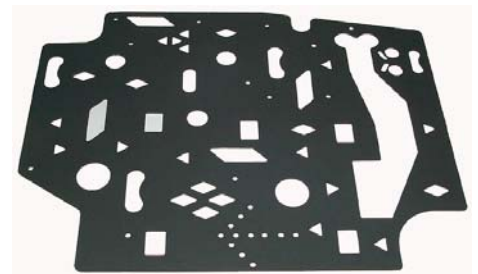
The SG Series large format CO₂ cutting system is available in a 4' x 4' or 4' x 8' configuration. These machines offer excellent beam quality, high speed operation and are the most user friendly large format cutting machines available. The modular split axis design allows integrating virtually any type of laser from 25 to 500-watt to best suit your application without overburdening your pocketbook. The design also gives the machine a large work area in a relatively small footprint. Both X and Y axes feature pre-loaded lead screws and ball slides for machine tool-like performance, rigidity and accuracy to satisfy the most demanding applications. The system features an enclosed centralized gas-assist nozzle and a 1" thick aluminum honeycomb table top fully ported for fume extraction in four individually controlled zones. This means you may lock out three of the four vacuum zones if cutting small parts in one quadrant of the table.



The SG shown here in a 48" x 48" format is today's first choice in large format laser cutting systems. These are available in CO₂ or Nd:YAG format for processing virtually any type of flat material in any type of industry.

SIMPLE YET POWERFUL CONTROLS. . .

Several Windows control packages are offered with these machines directly from Online Inc. The standard system will read G-Code files direct and have full capability of jogging, homing and setting origins along with onboard memory and file management built in. The system may be paused at any part of a cycle, jogged to another location and then the program may be resumed with the machine remembering the last position. Software upgrades are available for raster marking applications such as applying photographic images to wood or anodized parts using our direct Windows printer driver. This option will let you use your favorite Windows programs such as CorelDraw!, AutoCAD, etc. and operate our machine as a printer. This is ideal for cutting and marking in one application. As with all Online systems custom fixturing and tooling is available to address your production needs within a reasonable budget.



Membrane, switches, keypads, overlays, etc. quickly and easily cut from large sheets with the non-contact laser process. This results in clean sharp edges, no charring or distortion and best of all no blades to sharpen or replace and no consumables!