

# SPOOKY PLUS

Laser System

CUTTING

MARKING

ENGRAVING

SPOOKY PLUS / CO<sub>2</sub>



LA TECNOLOGIA LASER ITALIANA NEL MONDO

COMPANY  
WITH QUALITY MANAGEMENT  
SYSTEM CERTIFIED BY DNV  
=ISO 9001: 2000=

## SPOOKY PLUS



SEI S.p.A. reserves the right to change the technical data and photos without any previous

**Spooky PLUS:** is a professional class 1 laser cutting system. Accuracy, reliability and low costs are the main features of this system suitable both for small runs as well as big productions. Spooky PLUS is the right choice for die-makers looking for a low cost high professional laser cutting system.

Spooky PLUS processes different materials such as wood, paper, organic, synthetic materials etc.

Icaro, its proprietary SW imports and processes at its best: dxf, bmp, pcx e hpl.

### Main features are:

- CO<sub>2</sub> sealed off laser technology
- Very compact footprint compared to the work area.
- Vector and raster laser system of big format
- Class 1 safety enclosure (CE, CDRH).
- Friendly and easy to learn interface
- Programmable work area with interpolated Z axis (3D).
- Effectiveness of the integrated fumes extraction
- Palletizable Honey comb work support for a quick load- unload
- Integrated control system (industrial PC).
- Interpolated SW based on cubic splines
- Programmable axis speed and acceleration
- X, Y and Z motor strain control for anti-crash protection.

## TECHNICAL SPECIFICATIONS

X-Y axis work speed:	1000 mm/s max.
X-Y maximum traverse speed:	1000 mm/s max
X-Y-Z resolution:	0,01 mm
Accuracy:	+/- 0,1 mm on the whole area
Repeatability:	0,05 mm
Work area:	800x1100 mm
Work support:	850x1150 mm
Clearance:	100 mm
Work height:	950 mm
Z axis travel:	100 mm
Sealed laser source:	60 W - 115 W - 230 - 350 W
Focal units for cutting head:	2,5" / 5" / 7,5"
Payload	30 Kg.
Industrial PC:	Microprocessor INTEL Pentium 4 2,4GHz, TFT 12" LCD, 256Mb RAM, FloppyDisk, CDRom, Keyboard, Trackball, Windows XPPRO, "ICARO" CAM SW
Interface:	N°1 Parallel, n°2 serial Rs232, n°1 Ethernet LAN 10/100 Mbit/s, n°1 USB, inter modem (option)
Power supply:	220V +/-10% (2ph+g) 50 Hz 3Kw (laser 60W) 380V +/-10% (3ph+g+n) 50 Hz 6+17Kw (laser 115+350W)
Compressed air:	25+50 Lit/min. 5 bar (oil free)
Size WLH:	1900x2200x1600 mm
Weight:	750 KG
Operating temperature:	10+40° C
Relative operating temperature:	10+85% RH max, non-condensing
Storage temperature:	-10+70° C (H <sub>2</sub> O empty circuit)
Main options:	Raster mode, CCD camera registration, Double cutting head, SW 3D, Suction pump.



**SEI** S.p.A.

Via Ruffilli, 1 24035 Curno (BG) Italy tel. ++39 0354376016  
fax ++39 035463843 <http://www.seilaser.com> e-mail: [info@seilaser.com](mailto:info@seilaser.com)