

DRAGON CO₂

The STATE OF THE ART
for Small - Medium laser Systems



*World
Premiere*



LA TECNOLOGIA LASER ITALIANA NEL MONDO

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

CUTTING - MARKING LASER SYSTEMS

Dragon: The STATE OF THE ART

For Small-Medium laser Systems

From the printer to a professional laser cutting, marking system.

Dragon: designed and manufactured by SEI S.p.A. is a laser system equipped with sealed CO₂ laser sources. It matches an innovative design with a high tech quality

Dragon is a professional laser system specially designed for the production of technical components, gadgets, display stands, inlay work, leather, paper, embroidery, converting etc.

Dragon a unique system in its product range, has high quality brushless motors which together with an innovative interpolation algorithm makes it an incomparable, unrivalled product.

Dragon equipped with a wide upper front door and with removable rear and front panels enables easy loading/ unloading operations of big sized slab materials. A conveyor system (option) enables to process roll materials.

Dragon complies with the strictest international safety standards (CE, IEC825-1).

TECHNICAL SPECIFICATIONS

Work area:	700x500 mm
Work support:	740x540 mm
Pass trough width:	750 mm (con portello aperto)
Overall dimensions WxLxH:	1250x1000x1200 mm
Z axis excursion - manual:	30 mm
Maximum material load:	40 Kg/mq
Machine weight:	170 Kg
Sheet material maximum width:	840 mm
Max Material thickness:	25 mm
X Y maximum speed:	Vettoriale 1,2 mt/s / Raster 2 mt/s
X Y maximum acceleration:	2G Vettoriale / 4G Raster (solo asse X)
Accuracy:	+/- 0,1 mm su tutta l'area
Repeatability:	+/- 0,05 mm
Resolution:	Up to 1200 DPI/LPI raster (independently settable)
Motorisation:	X Y gantry with brushless motors (flying optics)
Up to 5 axis control system	X, Y, Z, rotary attachment, conveyor
Interface:	Personal computer, IBM compatible, Esternal PC (not included), Ethernet LAN network 10/100 Mb/s, machine keyboard for START/STOP, laser On signal led.
Control:	Windows 98, NT, 2000, XPPRO, "ICARO" CAM SW
Power supply:	110-230V single phase 50-60 Hz
Compressed air:	25-50 l/min. 5 bar (max)
**Suction:	UPPER/LOWER independently settable system
Work area lighting:	Internal neon lamps lighting system
Safety:	Class 1 safety enclosure (standard)
Laser sources available - CO ₂ sealed:	25W Up to 115W
Focal units:	2" (standard), 1,5", 3" (option)
Focusing system:	Computer controlled and programmable (servo controlled Z axis)
Main options:	Conveyor unwinding system, Rotary attachment, Exhaust system, Rumble-pad wire-less, CCD camera, Software for 3D engraving, Software for Rubber Stamps
* PC not included.	
** SUCTION PUMP not included.	

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

LASER PRODUCT
CLASS 1

SEI S.p.A.

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