



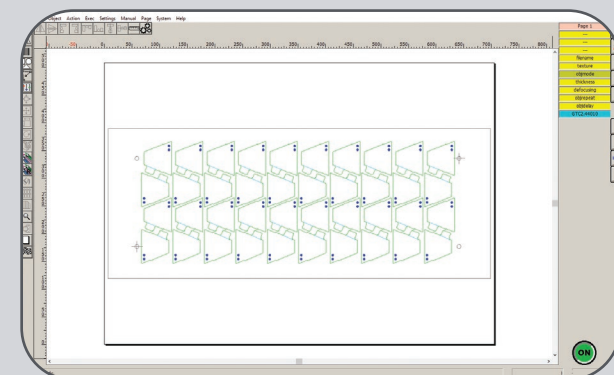
ICARO SOFTWARE

Our proprietary Icaro software is very intuitive and user-friendly. The easy import of the files, both raster graphics and vector images (BMP, JPEG, PDF, EPS, DXF, PLT,...) and the easy setting of the laser parameters make Icaro the innovative multifunction software interface made 100% SEI Laser.

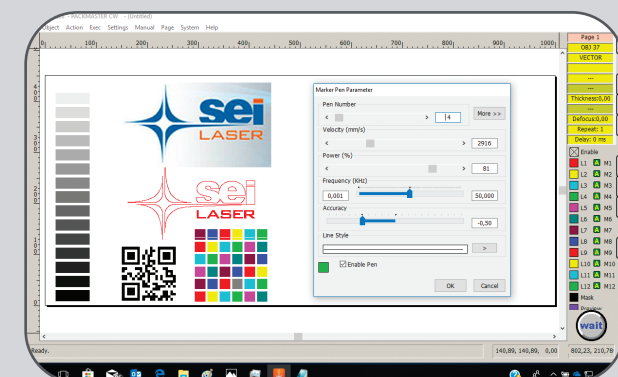
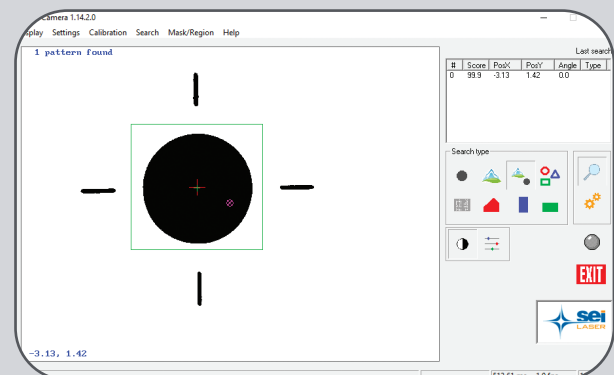
- CCD camera for registry laser processing and for the automatic upload of the files thanks to single/multi printing markers and 1D/2D barcode readers.
- Effective system and laser diagnostics: easy remote assistance operations.
- Integrated safety barriers.
- Compressed air blade.

Every SEI Laser system can be integrated into automated digital control production processes and it is in compliance with the Industry 4.0 certification.

Icaro Software



Icaro CCD Camera



Icaro Software

TIME OPTIMIZATION FOR INFINITE PRODUCTIVITY

INFINITY LINE



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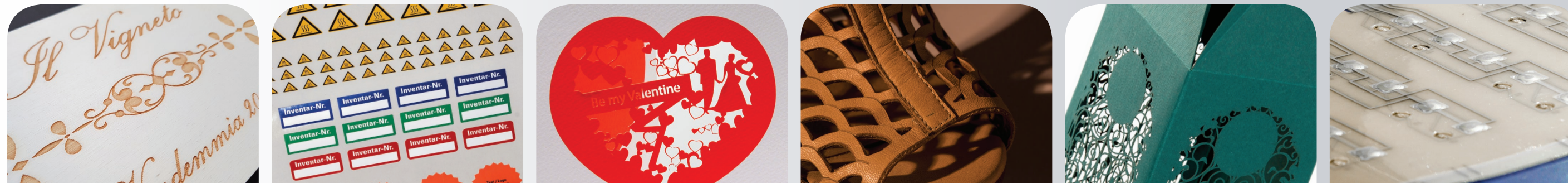
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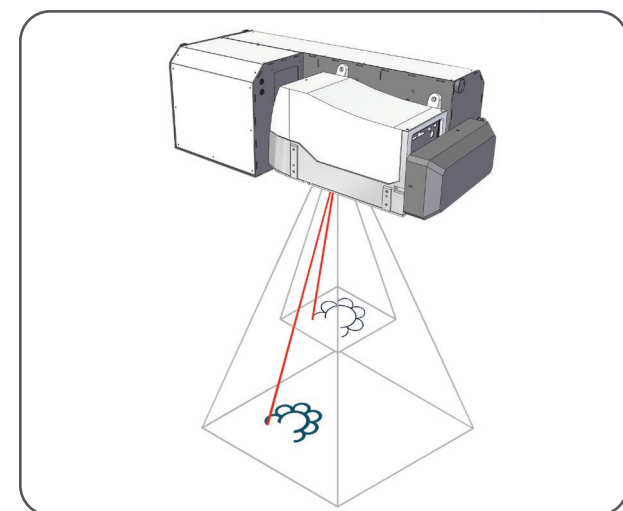
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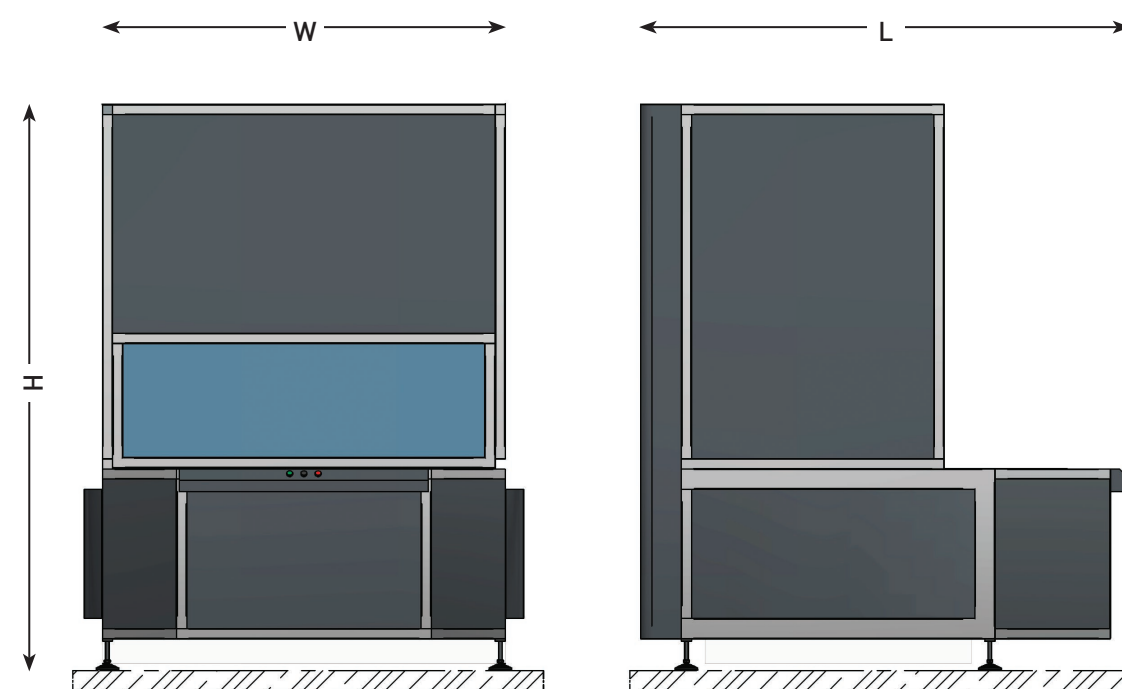


INFINITY LINE

To guarantee stability, process repeatability and maximum precision:



- ## Dimensions and weights:



	W (mm)	L (mm)	H (mm)	Weight (Kg)
INFINITY 3550	1200	1330	2110	507
INFINITY 5070	1610/1850	1890/1990	2360	707
INFINITY 7070	1950/2500	2100/2220	2400	1119

Technical features:

Available models		3550		5070			7070			
Versions	V80	V150	V150	V300	V400	V500	V150	V300	V400	V500
Laser technology	Sealed (CO ₂) diffusion cooled slab laser excited in radiofrequency									
Laser Power	80W	150W	150W	300W	420W	540W	150W	300W	420W	540W
Laser wavelength (um)	10.6									
Pulse frequency (khz)	0-100 kHz									
Cooling	Liquid cooling (closed loop chiller)									
Scan head	Hi30	Hi30/Hi50	IScan			IScan				
Min working area (mm)	200x200	200x200 (Hi30) 250x250 (Hi50)	500x500			500x500				
Spot size	0,22	0,22 (Hi30) - 0,2 (Hi50)	0,22			0,22				
Max working area (mm)	500x350		700x500			700x700				
Spot size	0,42	0,42 (Hi30) - 0,3 (Hi50)	0,33			0,33				
Z axis (mm)	650									
Software interface	Icaro on Windows™ platform									
Vector images import	.dxf; .plt (hpgl); .ai; .eps; .pdf;									
Raster graphics import	.bmp; .jpg; .tiff; .wmf; .pcd; .pnt; .pcx; etc.									
Norm compliance	2014/35/EU Low Voltage Directive									
	2006/42/CE Machinery Directive									
	2014/30/EU Electromagnetic Compatibility Directive									
	IEC EN 60825-1 Laser Safety									
Compressed air	1-6 Bar 0,2 L/min V500 - 6 bar 50NL/min (air blade)									
Max power consumption	5 KW 10 A chiller included			8kw 13 A chiller excluded	9kw 14 A chiller excluded	11kw 20 A chiller excluded	5kw 10 A chiller included	8kw 13 A chiller excluded	9kw 14 A chiller excluded	11kw 20 A chiller excluded
Power supply	3 N/pf ac 400V 50/60 hz									