



Let YOUR  
**CREATIVITY**  
OUT

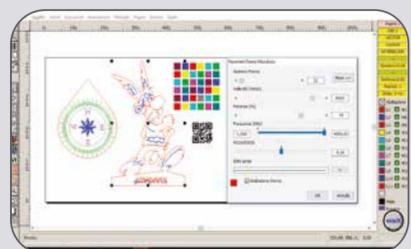
## ICARO SOFTWARE

Our proprietary Icaro software is very intuitive and user-friendly. The easy import of the files, both raster graphics and vectorial 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.

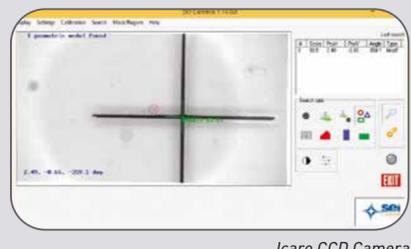
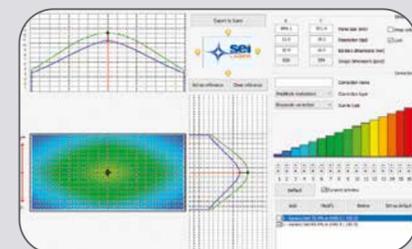
- CCD camera for registry laser processing and for the automatic upload of the files thanks to single/multi printing markers and 1D/2D barcode readers
- "Marking on the fly" option
- "Bravo" option for the automatic job design and the automatic laser system programming: possibility of processing materials of different sizes or wider than the working area
- BLU software for LED LGP backlighting: specifically developed for dots-etching/engraving in order to guarantee the maximum uniformity of light distribution over the entire surface of the PMMA plate
- Effective system and laser diagnostics: easy remote assistance operations

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 Software



Icaro BLU

Icaro CCD Camera

## FLEXIBILITY FOR DIFFERENT MARKETS

# FLEXI 8xx/12xx LINE

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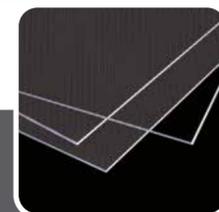
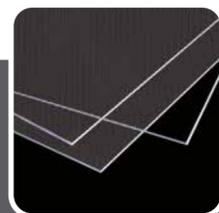
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## THE LASER SYSTEM THAT SATISFIES ANY CUTTING OR MARKING APPLICATIONS

# FLEXI 8xx/12xx LINE

SEI Laser, the leading Italian manufacturer of industrial laser systems, introduces Flexi 8xx Line and Flexi 12xx Line, the innovative and flexible ranges of laser systems specifically designed to meet all customer's needs thanks to the different tables and laser configurations.

**Processes:** cutting, marking, engraving and perforation  
**Processable materials:** paper, card, leather, faux leather, hide, natural and technical textiles, denim, rubber, wood, acrylic, acetates and organic materials, plastic sheets and films  
**Sectors:** Graphic Arts, LED LGP backlighting (lighting, TV monitor, visual communication), footwear, leather, textile, clothing, furnishing, interior design, guns (wood), glasses, job shop, automotive

- Modular structure in electrowelded steel which guarantees stability, process repeatability and maximum precision
- Device for dynamic control of focal point "Dynamic Beam Expander" directly by software, for high performance
- Grid vacuum table to ensure efficient extraction of fumes and production waste; it also guarantees the stability of the material to be processed
- Linear optical encoders (evolved kinematics) to ensure precision, superior quality and high performance of marking on the fly
- CCD camera
- Class 1 for the safety of the operator and work environment
- It can be perfectly integrated into any production environment
- 100% SEI Laser design and manufacture: guaranty of stability and repeatability

### To guarantee stability, process repeatability and maximum precision:



#### X axis technical plus:

- Electro soldered extremely rigid steel frame
- Handling of high-precision guides with optical line
- Designed for aluminium vacuum table for marking
- Designed for grid vacuum table (optional) for cutting and marking

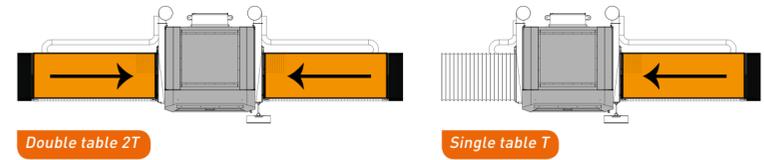


#### Z axis technical plus:

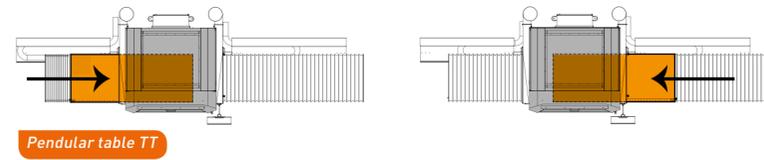
Designed for: Giotto Hi30/Hi50/I-Scan v150  
Giotto Hi30/Hi50/I-Scan v300  
Giotto Hi30/Hi50/I-Scan v500

- Electro soldered steel frame
- Pre arranged for all table sizes
- Pre arranged for high efficiency fumes suction system

Working mode **Stop & Go**

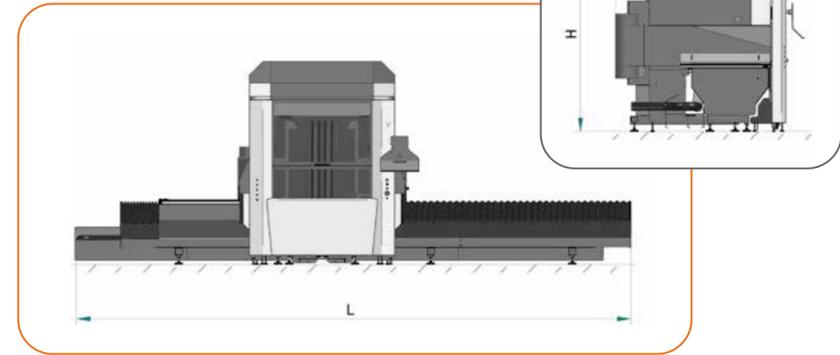


Working mode **Pendular**



## 816 T - 1224 T

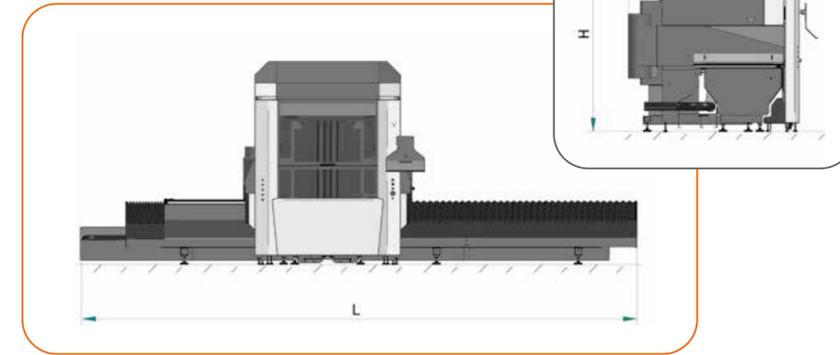
**816 T - 1224 T**  
Working mode: **Stop & Go** Single table



	816 T			1224 T		
<b>Version</b>	v150	v300	v500	v150	v300	v500
<b>Power</b>	>150W	>300W	>500W	>150W	>300W	>500W
<b>L (mm)</b>	5000			7300		
<b>W (mm)</b>	2230			2630		
<b>H (mm)</b>	2670			3170		
<b>Scan head</b>	Hi50 / iScan			Hi50 / iScan		
<b>Min working area</b>	350x350 (Hi50) - 500x500 (iScan)			500x500		
<b>Spot size</b>	0,22			0,32 (Hi50)-0,22 (iScan)		
<b>Max working area</b>	800x1600			1200x2400		
<b>Spot size</b>	0,51 (Hi50) - 0,38 (iScan)			0,75 (Hi50) - 0,55 (iScan)		

## 808 TT

**808 TT - CONTINUOUS CYCLE**  
Working mode: **Pendular**

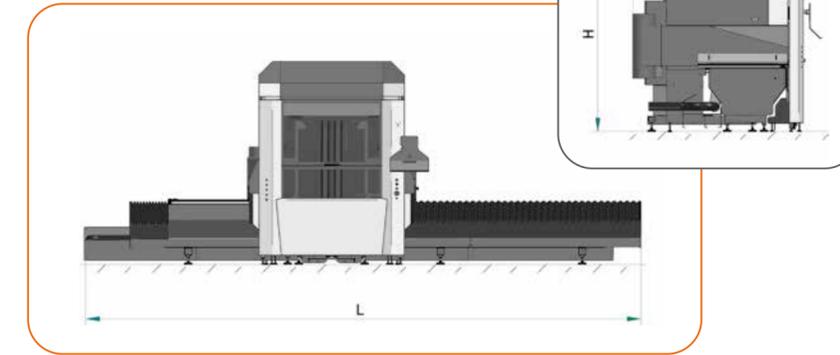


	808 TT		
<b>Version</b>	v150	v300	v500
<b>Power</b>	>150W	>300W	>500W
<b>L (mm)</b>	5700		
<b>W (mm)</b>	2230		
<b>H (mm)</b>	2670		
<b>Scan head</b>	Hi50 / iScan		
<b>Min working area</b>	350x350 (Hi50) - 500x500 (iScan)		
<b>Spot size</b>	0,22		
<b>Max working area</b>	800x800		
<b>Spot size</b>	0,51 (Hi50) - 0,38 (iScan)		

## 824 T/TT - 1230 T/TT

**824 T - 1230 T**  
Working mode: **Stop & Go** Single table

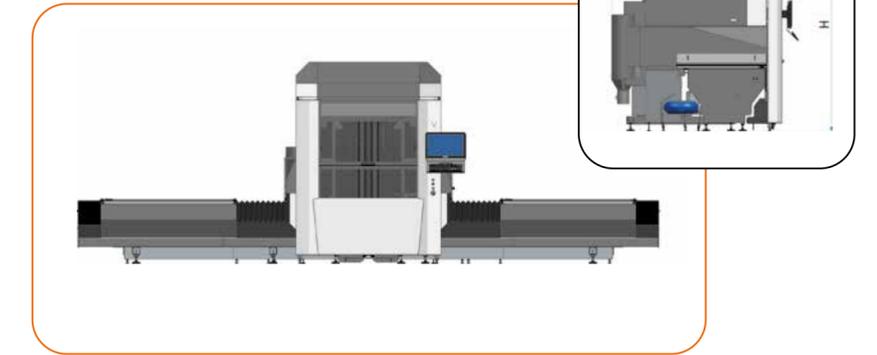
**824 TT - 1230 TT - CONTINUOUS CYCLE**  
Working mode: **Pendular**



	824 T*/TT**			1230 T*/TT**		
<b>Version</b>	v150	v300	v500	v150	v300	v500
<b>Power</b>	>150W	>300W	>500W	>150W	>300W	>500W
<b>L (mm)</b>	7300			7630		
<b>W (mm)</b>	2230			2630		
<b>H (mm)</b>	2670			3170		
<b>* Scan head</b>	Hi50 / iScan			Hi50 / iScan		
<b>Min working area</b>	350x350 (Hi50) - 500x500 (iScan)			500x500		
<b>Spot size</b>	0,22			0,32 (Hi50)-0,22 (iScan)		
<b>Max working area</b>	800x2400			1200x3000		
<b>Spot size</b>	0,51 (Hi50) - 0,38 (iScan)			0,75 (Hi50) - 0,55 (iScan)		
<b>** Scan head</b>	Hi50 / iScan			Hi50 / iScan		
<b>Min working area</b>	350x350 (Hi50) - 500x500 (iScan)			500x500		
<b>Spot size</b>	0,22			0,32 (Hi50)-0,22 (iScan)		
<b>Max working area</b>	800x800			1200x1200		
<b>Spot size</b>	0,51 (Hi50) - 0,38 (iScan)			0,75 (Hi50) - 0,55 (iScan)		

## 816 2T - 1216 2T

**816 2T - 1216 2T**  
Working mode: **Stop & Go** Double table



	816 2T			1216 2T		
<b>Version</b>	v150	v300	v500	v150	v300	v500
<b>Power</b>	>150W	>300W	>500W	>150W	>300W	>500W
<b>L (mm)</b>	7628			7628		
<b>W (mm)</b>	2230			2630		
<b>H (mm)</b>	2670			3170		
<b>Scan head</b>	Hi50 / iScan			Hi50 / iScan		
<b>Min working area</b>	350x350 (Hi50) - 500x500 (iScan)			500x500		
<b>Spot size</b>	0,22			0,32 (Hi50)-0,22 (iScan)		
<b>Max working area</b>	800x1600			1200x1600		
<b>Spot size</b>	0,51 (Hi50) - 0,38 (iScan)			0,75 (Hi50) - 0,55 (iScan)		