PERSONAL LASER

Two different technologies for a perfect joint.

- **Personal Laser** is a multifunctional CO_2 plotter laser system designed to combine high quality cutting, typical of plotter systems, with high speed marking and engraving, typical of systems with a galvanometric head.
- **Personal Laser** has been designed for high quality and high-speed cutting of material of medium/high thickness.
- The laser, mounted directly on the crossbar of the X axis of the system, makes Personal Laser the perfect solution for the production of the cutting dies, where the engraving and the cut of the wooden board (which is used to support the die) have to be perfect to allow the correct joint.
- **Personal Laser** is also able to mark logos and alphanumeric writings for the coding and assembly of the cutting dies thanks to the possibility of installing a Giotto galvanometric laser system (optional) near the laser cutting head.
- **Personal Laser** is available with the following configuration: up to 2000x3000 mm of working area and laser power up to 2 kW.
- Industry 4.0 ready: full digital workflow integration.

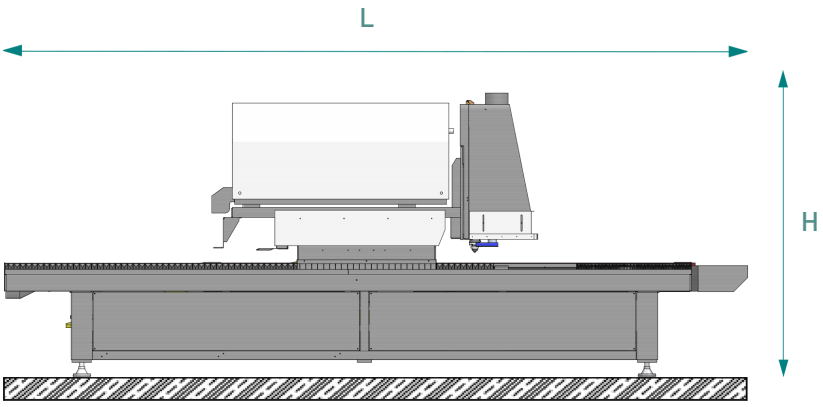
LVDT floating head

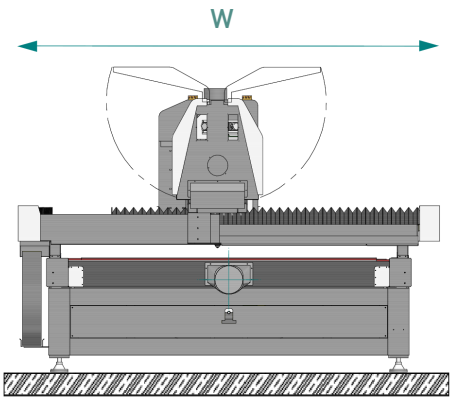
Galvo laser head

PERSONAL LASER

Main technical features:

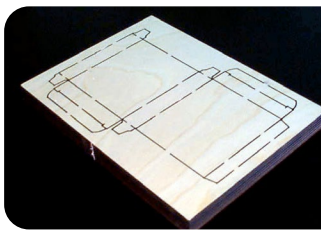
Available models	1520	1531	2031
Working area	1550x2000 mm	1550x3100 mm	2000x3100 mm
Max. material thickness to be processed	100 mm		
Max. load capacity	80 kg/m²		
Z axis	0-250 mm		
Laser power	up to 2 kW		
Focal units	3,75"	5"	10"
Max. X-Y axes movement speed	500 mm/s		
Accuracy	+/-0,05 mm/m		
Repeatability	+/-0,02 mm		
Software interface	CAM Icaro on Windows™ platform		
Norm compliance	2014/35/EU Low Voltage Directive		
	2006/42/CE Machinery Directive		
	2014/30/EU Electromagnetic Compatibility Directive		
	IEC EN 60825-1 Laser		





	1520	1531	2031
L	3850 mm	4950 mm	4950 mm
W	2600 mm	2600 mm	3200 mm
H	1950 mm	1950 mm	1950 mm

Die cut



Die cutting table

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