

X-TYPE

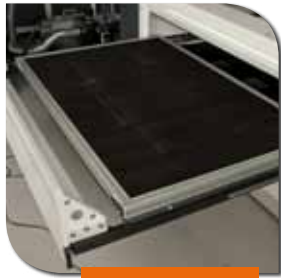
X-TYPE IS AN INNOVATIVE CO₂ CUTTING-MARKING LASER SYSTEM
FEATURING FLEXIBLE OPERATIONS, SPEED, ACCURACY AND POWER.



- **X-Type:** innovative system for industrial and professional users. It is the only system that utilize carbon fiber X-Y axis with two linear motors per axis and optical encoders.
- CO₂ laser power source warranted up to 400W.
- A double working table minimizing the loading/unloading time is available as an option.
- Front and rear open access enabling large sheet material to be processed and/or for integration into production lines, conveyor tables are also available as an option.
- Standard work table with aluminum grid support and pre-arrangement for fume extraction.
- "Icaro" software (CAM). Stamps and working process for surfaces with variable width are also possible via a raster mode with 0-255 gray scales.



Cutting/marking laser head



Sliding working table



Working process monitoring



Class 1 system

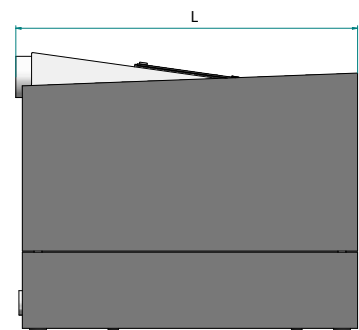
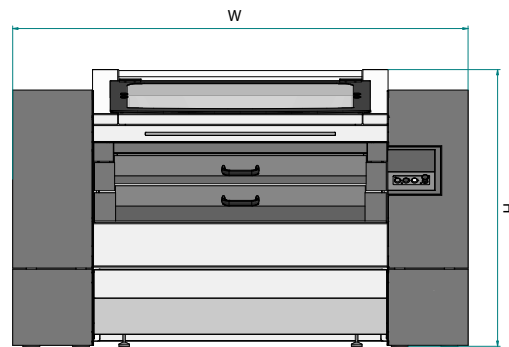
Main technical features:

Available models	1007 - 1610
CO ₂ sealed laser source (W)	power available from 150 to 400
Magnetic transmission X-Y	4 linear motors (2 motors per axis)
Working area (mm)	1000x750 - 1600x1000
Material support table (mm)	1100x800 - 1700x1050
Motorized Z axis stroke (mobile table) mm	0-180
Max. thickness of the material to process (mm)	170 (with 1 work table)
Max. thickness of the material to process (mm)	40 (with 2 work tables)
Max. acceleration (m/s ²)	vector > 60; raster > 80 (X axis only)
Max. vector speed (mm/s)	> 4000
Max. raster speed Y axis (mm/s)	> 4000
Max. resolution bitmap file (dpi/lpi)	1200
Gray scale levels (raster image)	up to 256
Interface software	CAM Icaro on Windows™ platform
Vector file compatibility	.dxf; .plt (hpgl); .ai; .eps; .pdf;
Raster image file compatibility	.bmp; .jpg; .tiff; .wmf; .pcd; .pnt; .pcx; etc.
Norm compliance	2006/95/CE Low Voltage Directive 2006/42/CE Machinery Directive 2004/108/CE Electromagnetic Compatibility Directive IEC EN 60825-1 Laser Safety



Available options that increase flexibility:

- Cutting kit with print marker recognition; CCD optics+software
- Double working tables that minimize the loading/unloading time
- Focal lens: 2,5" - 5"



X-TYPE 1007

W = 2160 mm
L = 1590 mm
H = 1340 mm

X-TYPE 1610

W = 2760 mm
L = 1840 mm
H = 1340 mm

The system is CE certified.
The features and the specifications of the system may change without notice.