

LASER CUTTING

XL SERIES

XL2015/500 W

XL2015/500 W by PLT (Pikis Laser Technologies)

Cutting Dimensions 1500mm x 2000mm /500 W

Unique design of steel construction, 100% tension-free, which guarantees problem-free operation.

The Laser power is 500 W. Suitable for cutting 3 mm/ST37 and 1.5 mm/Inox.

It can also be configured for cutting plastic.

XL2015/250 W

XL2015/500 W by PLT (Pikis Laser Technologies)

Cutting Dimensions 1500mm x 2000mm /250W

XL2015 Laser is the best solution in the plastic and wood cutting field without any serious competition due to its outstanding price and capabilities.

The new XL2015 is equipped with a very powerful Laser Source PLS250 /250 W. Suitable for cutting up to 30 mm plastic and 15 mm wood with a unique quality and high cutting speed with Standard Autofocus function.

The support table of XL2015 is constructed of aluminium honeycomb which facilitates cutting of very small objects and easy scrap collection. The machine is equipped with a very powerful and well constructed fume exhaust system which comes with a very efficient active carbon filter.

XL2015/100 W

XL2015/100 W Laser by PLT (Pikis Laser Technologies)

Cutting Dimensions 1500mm x 2000mm /100 W

Our "small one"! Up to 100 W power, to cut Acrylic, Wood, Plywood, Veneer, MDF board, Chipboard, Cardboard, Paper, Rubber, Vinyl, Foam, Nylon, Textile, Fabric, ABS, PP, Leather and other non-metal material.

The **XLSeries** embodies the latest progress in the Laser cutting machine construction.

In the following pages please see machine dimensions and Detailed Technical Specifications



The standard equipment for all three models includes **DPC (Dynamic Power Control)**.

DPC keeps the power to speed ratio constant, so that cutting quality remains stable and independent of cutting speed variations.

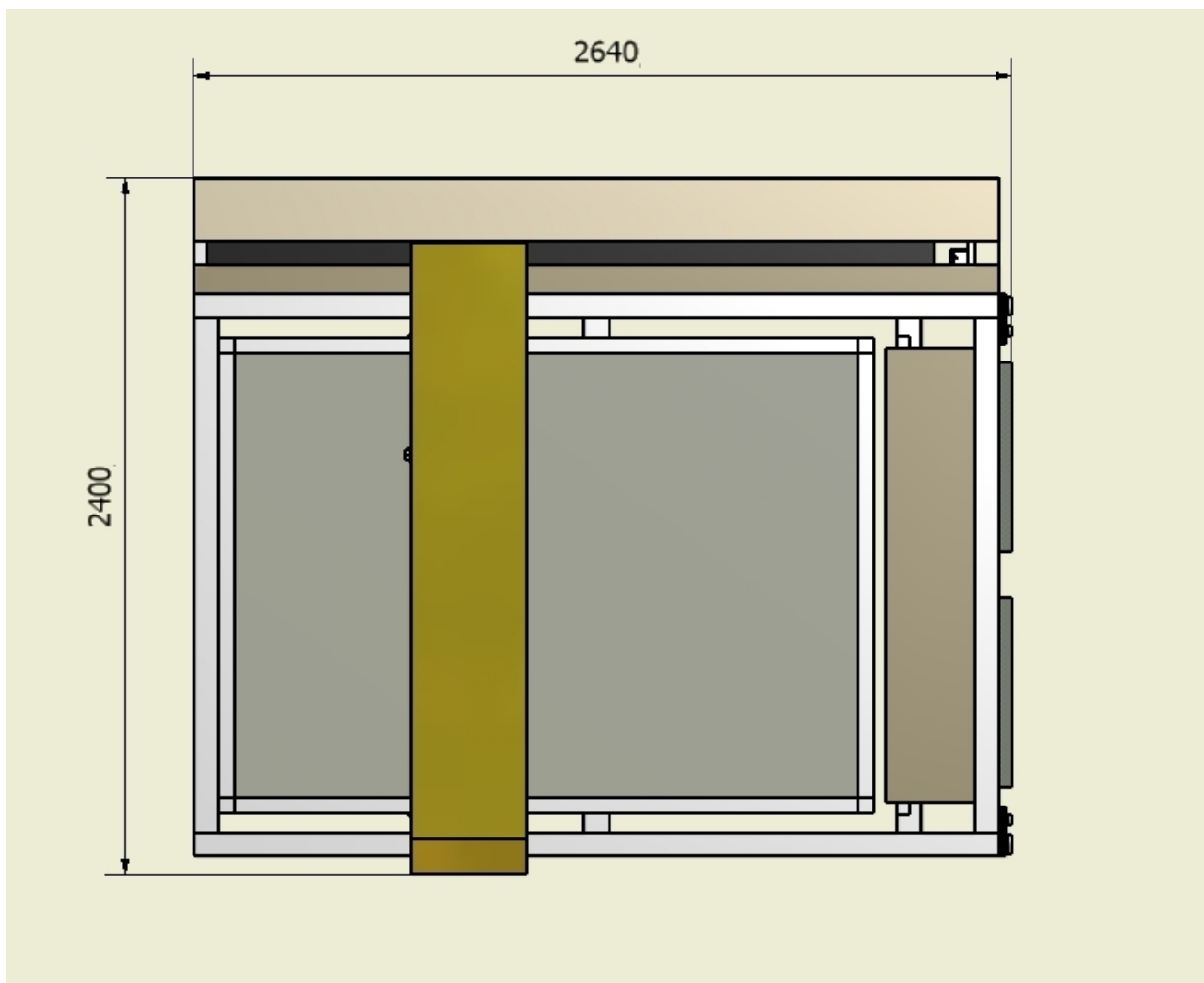
The **XLSeries** machines are equipped with "[EUROPATH](#)" **Auto Nesting CAM**, one of the most evolved CAMs around, as a standard. This CAM was developed by IDA CONTROL'S research and in-house engineering team.

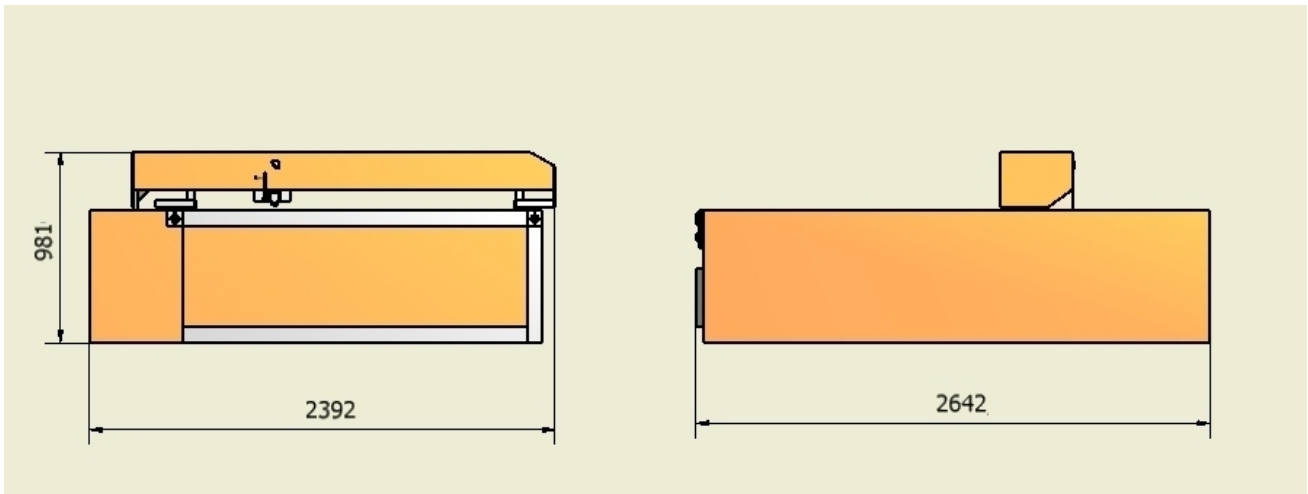
Optionally we offer our machines with the following systems:

- **PMS (Plasma Monitoring System)** which eliminates plasma formation during cutting.
- **FPS (Fast Piercing System)**. This is a system which monitors the piercing phase and, when this is completed, it updates the CNC to continue with the cutting. This way we gain substantial piercing time, especially in the middle and large widths.

Machine Drawings

(Dimensions in mm)





LASER CUTTING **XL SERIES**

Technical Specifications

Type	XL 100	XL 250	XL 500
Cutting Width (mm)	1000		
Cutting Length (mm)	1500		
Moving Speed (m/min)	15		
Cutting Speed (m/min)	15		
Accuracy (mm)	0.01		
Repeatability (mm)	0.01		
Laser Power (W)	100	250	500
CNC	EUROPATH V2		
Height Sensor	Capacitive		
Transmission	Rack Pinion + Planetary Gears		
Max. Thickness Capacity (mm)			
Acrylic	15	30	40
ST 37	--	--	3
Inox	--	--	1.2
Average Weight (Kgr*)	1800		
Operating Voltage (V)	220	380	380
Operating Power (KW)	1.2	3.5	4.5

For Orders or Queries Please Push