



**CUTLITE PENTA**

**XME**



# XME

**XME** represents the tool with which Cutlite Penta has managed to make the high-quality Italian product it is known for, accessible to anyone who intends to increase their productivity by approaching the world of laser, replace old cutting technologies, or find an agile solution to complement other fiber systems, offering a practical and compact machine designed to bring Italian quality to its target market segment.

The XME, combining **brushless motors and rack and pinion transmission** with a solid and reliable structure and the same cutting head as its larger sisters in the Cutlite Penta family, is representative of a technical and at the same time concrete reality like ours, which is born and proliferates in the daily world of work, growing alongside customers helping over the years to increase productivity, redefining the limits of thicknesses and quality of laser cutting, and confirming its ability to reform the market. XME uses the same proprietary Smart Manager Plus software and the same CNC control of the other Cutlite Penta models.

The peculiar characteristics of the XME model together make it the most efficient and reliable available in its market segment.

## Structure and movement

The structure of the base is made of durable and resistant electro-welded steel, while the Gantry mechanism is composed of a light and rigid steel beam to compensate for thermal expansions without deformations. This configuration, combined with Cutlite Penta's proprietary numerical control, allows the brushless motor system with rack and pinion transmission to achieve noteworthy dynamic performances.

## Cutting head

The XME model also features the cutting head developed and manufactured in Italy by Cutlite Penta, in its most advanced EVO 3 version, which has distinguished itself for performance and reliability in the PLUS and LME systems.

## Laser source

Fiber laser sources up to **20kW** ensure great versatility in metal cutting. The source, which stands out for high efficiency, excellent beam quality and low energy absorption, is contained in a conditioned and sealed **NEMA 12** cabinet so that it can operate even in hostile environments. The high reliability of these sources also helps to reduce maintenance costs.

## Fully CE-compliant made in Italy product

XME is produced within Cutlite Penta facilities in Italy following the construction quality standards of the other Cutlite Penta models, maintaining full compliance with CE standards.

## Scrap recovery

The area below the work surface is divided into modular sections of about 500mm each that collect the scraps, channeling them towards the relative collection systems positioned under the structure. Each pair of sections is equipped with a suction mouth.

## Work surface

The work surface consists of a replaceable support grid. The same laser machine can be used to produce this grid using a pre-installed program in the numerical control.

LASER POWER
2.000 W
3.000 W
4.000 W
6.000 W
8.000 W
12.000 W
15.000 W
20.000 W

XME MODEL	WORKING AREA
3015	3000×1500 mm
4020	4000×2000 mm
6020	6000×2000 mm
6025	6000×2500 mm

WORKING AREA UP TO  
**6000 × 2500 mm**

POWER UP TO  
**20 kW**



**XME**



ENGLISH



CUTLITE PENTA

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