



CUTLITE PENTA

# LASER MACHINES

# FAST

**FAST**, a new revolutionary laser machine model by Cutlite Penta, is designed for high-speed cutting of medium and low thickness materials without sacrificing quality, even on complex geometries. It excels in exceptional jerk, accelerations, and speeds, leveraging decades of Cutlite Penta's experience in internal component design. The result is rapid, dynamic, rigid, and reliable performance.



WORKING AREA UP TO

**6000 x 2000 mm\***

POWER UP TO

**30 kW**

# PLUS EVO

**PLUS EVO** combine high performance, great structural stiffness and high efficiency. The high-performance of Plus comes from the completely new design around the fiber laser, not merely adjusting the existing machines designed for CO<sub>2</sub> laser.

WORKING AREA UP TO

**16500 x 3500 mm\***

POWER UP TO

**60 kW**



# PLUS BEVEL

**BEVEL** cutting is the process of cutting a piece with an edge not perpendicular to the surface of the material. It is mainly performed to increase the area available for a stronger and safer weld. There are different types of inclined cutting, which are usually indicated by a nomenclature consisting of Latin alphabet letters that most approximate the silhouette of the bevel cut seen in cross section.

WORKING AREA UP TO

**16500 x 3500 mm\***

POWER UP TO

**60 kW**



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# LME

The **LME** laser system family combines the ability to operate at the highest levels of quality with high productivity and low operating costs. The systems are designed to meet the growing demand by small-medium structural metalwork companies for space-saving machines but with excellent cutting quality and precision. The fluid dynamics of the cutting head, designed and produced in-house by Cutlite Penta, results in high pressure cuts with a lower nitrogen consumption compared to the competition.

WORKING AREA UP TO

**8000 x 2500 mm\***

POWER UP TO

**30 kW**



# XME

**XME** is a compact, high-quality laser machine by Cutlite Penta, designed to enhance productivity by replacing outdated cutting technologies or complementing existing fiber systems. It features brushless motors, a rack-and-pinion drive, and the same cutting head as larger models. With Smart Manager software and the same CNC as the PLUS and LME systems, XME sets new standards in laser cutting efficiency and reliability.

WORKING AREA UP TO  
**8000 x 2500 mm\***

POWER UP TO  
**30 kW**



# XMF

**XMF** by Cutlite Penta is a compact and reliable laser cutting system, designed for newcomers to the industry or those looking to complement existing machines. Equipped with brushless motors, rack and pinion system, it features the EVO cutting head and the Smart Manager Plus software used on our high-end systems, delivering top performance and structural solidity. Its functional design ensures maximum flexibility thanks to the front access door, dual table, and separate electrical cabinet. Made in Italy, available up to 30 kW, CE compliant.

WORKING AREA UP TO  
**8000 x 2500 mm\***

POWER UP TO  
**30 kW**



# FHD

**FHD** combines large-format cutting system practicality with fiber laser technology up to 60kW. Its enclosed booth ensures high performance with a compact footprint, bringing fiber laser speed and efficiency to industries once dominated by plasma or CO<sub>2</sub> cutting. Versatile options like the 6-position drilling turret enhance its capabilities. Made in Tuscany, FHD reflects Made in Italy innovation, using aluminium and a focus on quality and operability.

WORKING AREA UP TO  
**37000 x 3700 mm\***

POWER UP TO  
**60 kW**

**H SERIES**



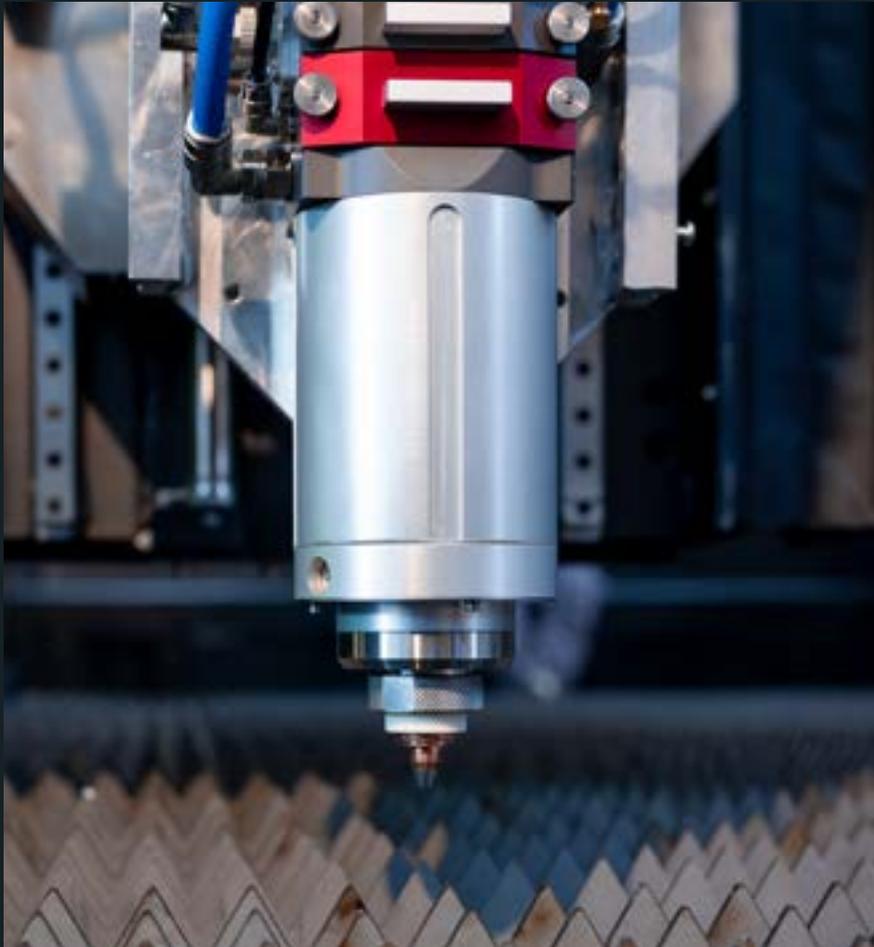
\* Measurements may vary according to the customer's needs. Contact us for more information.



# CUTLITE PENTA

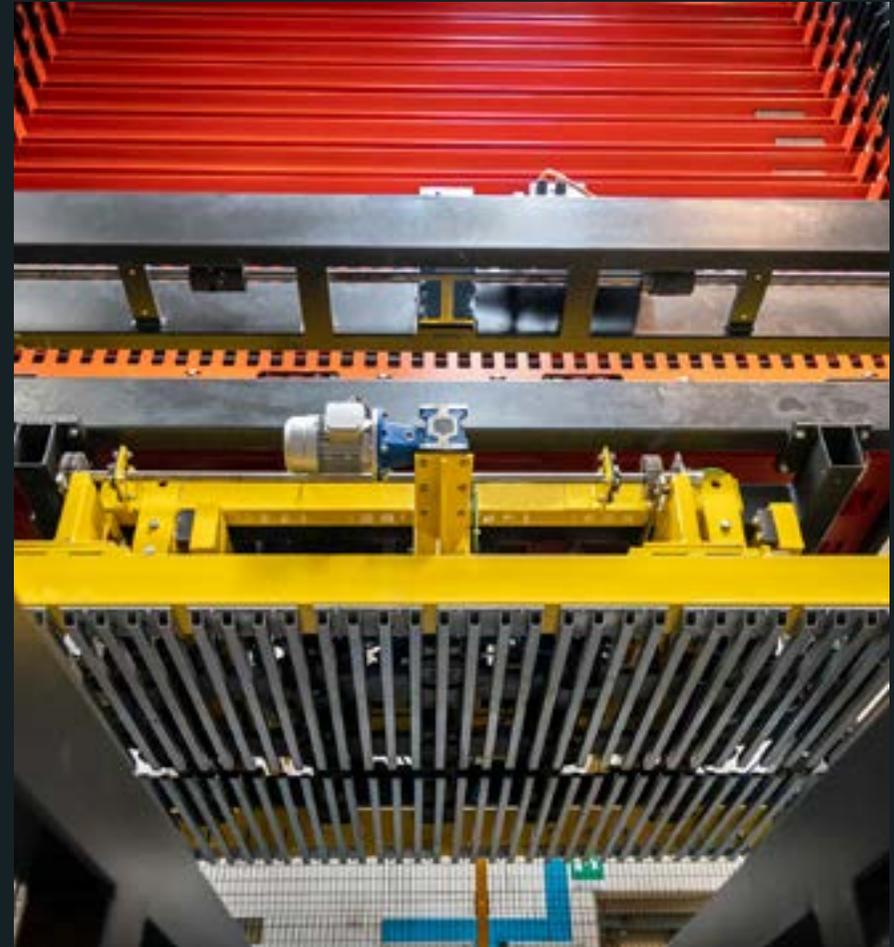
## CUTTING HEAD

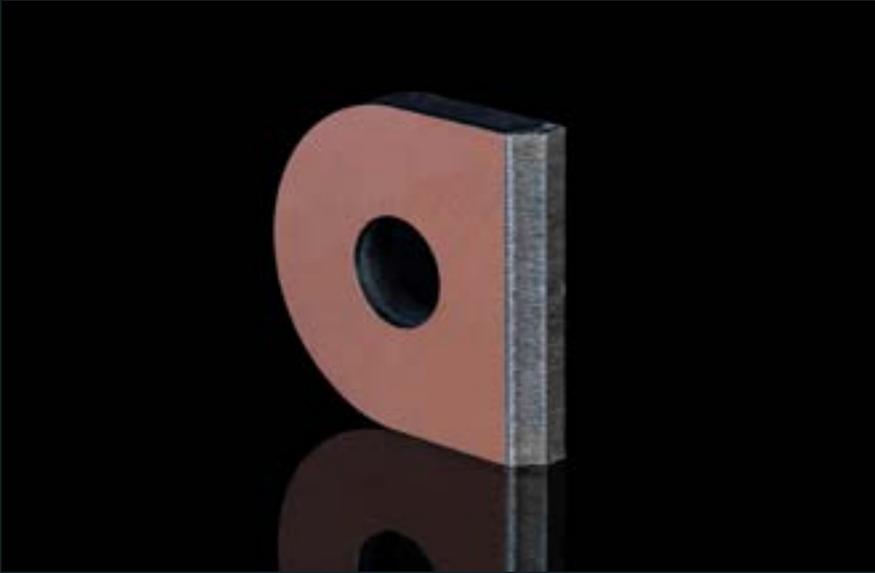
The cutting head developed by Cutlite Penta and used in all our systems combines compact design and simplified maintenance with high performance up to 60kW. Thanks to sealed optics, automatic focusing, capacitive sensor and easily replaceable consumables, it ensures consistent quality and reduced consumption in cutting processes.



## AUTOMATION

Cutlite Penta laser systems are equipped with advanced **automation systems** to simplify operational processes, reduce downtime, and increase company productivity. From loading and unloading systems to direct connections with automated warehouses, they **save time and resources in every operation**.





**ENGLISH**



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