CUTLITE PENTA

CUTLITE PENTA

S.R.L. UNIPERSONALE
Phone: (+39) 0574 874301
Email: contacts@cutlitepenta.it

Head Office:
Via Guimaraes, 7/9
59100 – Prato

Registered Office:
Via Baldanzese, 17
50041 – Calenzano (FI)

FL XME-EN-01

CUTLITE PENTA

XME

XME

XME is the instrument with which Cutlite Penta has succeeded in making its hallmark quality Italian products accessible to any company that wants to increase their productivity by switching to the world of lasers and replacing obsolete cutting technologies or identifying an agile solution to install alongside other fibre systems, by launching a practical and compact machine designed to bring Italian quality to the market segment in question.
The XME machine, by combining brushless motors and a rack-and-pinion drive with a solid and reliable structure and the same cutting head as the larger versions in the Cutlite Penta family, epitomises our technical expertise and no-fuss approach, created and developed in an everyday work context. It has helped improve customer productivity over time, redefining the standards of thickness and quality in laser cutting. Today, it continues to demonstrate its ability to innovate in the market.
The XME uses the same Smart Manager proprietary software and the same CNC as the PLUS and LME systems.
The signature features of the XME together make it the most efficient and reliable laser system available in its market segment.

Structure and movement

The base support structure is made of strong and durable electro-welded steel while the gantry mechanism consists of a lightweight, rigid steel beam to compensate for thermal expansion without deformation. This configuration, combined with Cutlite Penta's numeric control, enables the brushless motor system with rack-and-pinion drive to achieve outstanding dynamic performance.

Cutting head

The XME model also features the cutting head developed and produced in Italy by Cutlite Penta, in the most advanced EVO 3 versions with the same stand-out performance and reliability of the PLUS and LME systems.

Laser source

The fibre laser sources up to **20kW** ensure excellent metal cutting versatility. The highly efficient source, featuring excellent beam quality and low consumption, is housed in an air-conditioned and sealed NEMA 12 cabinet for guaranteed operation even in the harshest of environments. The excellent reliability of these sources also helps to keep maintenance costs down.

Made in Italy product, fully CE compliant

The XME is produced in-house in Cutlite Penta's facilities in Italy, observing the construction quality standards of the PLUS and LME models, in full compliance with CE regulations.

Offcut recovery

The area under the work surface is divided into modular sections of about 500mm each which capture the offcuts and send them to the relevant collection systems located underneath the structure. Each pair of sections has a suction outlet.

Work surface

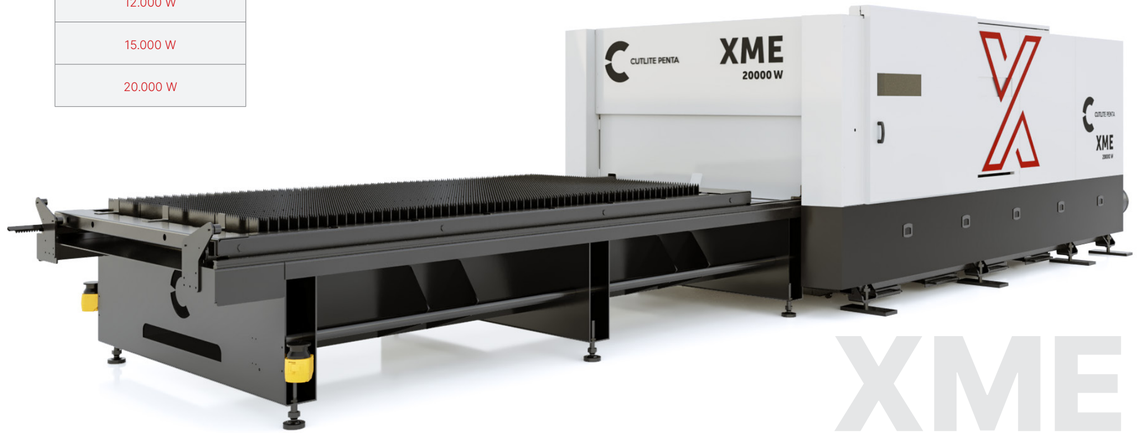
The work surface consists of a replaceable support grille. The same laser machine can also be used to produce the grille using a pre-installed program in the numerical control.

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
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