

XMF

WORKING AREA UP TO
19.6 X 8.2 ft

6250 X 2550 mm

POWER UP TO
20kW



XMF

XMF is the compact solution that brings the precision and performance of Italian laser technology within reach of anyone entering the world of laser cutting, or expanding an existing setup, with a system that's simple, powerful, and reliable.

Equipped with brushless motors, rack-and-pinion transmission, and a rigid steel frame, the XMF features the same high-performance cutting head and Smart Manager Plus software used in Cutlite America's flagship systems. The result: exceptional cutting accuracy, consistency, and reliability.

Designed for everyday operation, the XMF reflects Cutlite's engineering expertise and results-driven approach. It's a system that grows with your business, pushes the limits of what compact laser cutting can achieve, and sets a new benchmark for its class.

A practical design enhances ease of use with a front access door, rear loading with dual workbenches, and an electrical cabinet separated from the main structure for greater flexibility and simplified maintenance.

SMART Bevel Pro (Option)

The unique and well-proven bevel cutting head performs bevel cuts including V, A, X, Y upward, Y downward and K, while still providing the highest quality 2D straight cutting capabilities. The innovative SMART Bevel Pro head is very consistent, even with very long cutting lines. Finished cut parts can be directly transferred to robotic welding stations eliminating additional milling and deburring steps in the production process. It can also rotate +45° in both cutting directions.

Cutting Head

The XMF model uses the EVO3 cutting head, which is completely designed and manufactured in Prato, Italy, is equipped with non-contact capacitive sensors and an option for gas-mix capabilities. The head itself and the focusing lenses can be used with up to 20kW of laser power, and a pressure of 25 bar.

SMART Changer (Option)

The automatic nozzle change is an option that allows the machine to automatically change the cutting head nozzle without operator intervention. With up to ten nozzle positions available and self cleaning and calibration functions, this feature is ideal for use with automation systems.

SMART Mix (Option)

Smart Gas Mix technology improves the cutting process thanks to hardware technology controlled in real-time by our Smart Manager software. With a few clicks of the mouse, the right amount of oxygen and nitrogen can be supplied, for varying types of material.

Laser Source

The fiber laser sources, ranging from 2kW to 20kW, ensure remarkable metal cutting versatility. Whether you select IPG or Raycus resonators, the sources are housed within an air-conditioned and sealed NEMA 12 cabinet. These highly efficient laser sources boast excellent beam quality and low energy consumption, ensuring reliable operation even in demanding production environments.

XMF MODEL	WORKING AREA
3015	10' X 5' (with Bevel 8.4' X 3.4')
4020	13' X 5' (with Bevel 11.6' X 5.1')
6020	20' X 6.7' (with Bevel 18.2 X 5.1')
6025	20' X 8.4' (with Bevel 18.2' X 6.7')

LASER POWER
2kW
3kW
4kW
6kW
8kW
12kW
15kW
20kW