

MLC 6x4 Flat Bed Laser Cutter

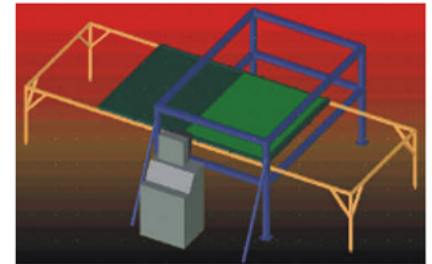
The **MLC 6x4** Laser Cutter is a multi-purpose machine. It is very flexible and can cut any material without retooling or changing bed

Depending on customer needs, the **MLC 6x4** comes equipped with an appropriate size pallet: **6'x4'**, **6'x8'**, **6'x12'** or even larger.

Patterns longer than the cutting zone are automatically divided by software into frames ("slices") that are fit into the cutting zone area.

This modular unit can be easily upgraded to satisfy future requirements for increased production. The MLC can also be upgraded to a conveyORIZED system.

Our innovative and cost effective design, based on our proprietary technology, offers superior productivity rates at a modest investment.



FEATURES OF MLC 6x4

- Safe; totally enclosed cutting area with safety interlocks
- Very flexible can cut any material without retooling or changing bed
- User friendly MS-Windows® based, interactive operation with a click of the mouse
- Compatible with standard industry software (DXF, Gerber NC, HPGL)
- Simple design incorporating the highest quality, readily available, off-the-shelf components guarantees maximum up time and minimum maintenance
- Sturdy gantry type laser positioning system that offers stability and accuracy
- AC servomotor drives ensure precision cutting at high speed / acceleration

TECHNICAL SPECIFICATIONS OF MLC 6x4



Cutting Speed	Up to 90in/s, 5400in/min, (2.3 m/s)
Acceleration	Up to 2g (20 m/s ²)
Repeatability	+/- 0.004" (0.1 mm), (+/- 0.001" optional)
Pallet Size (WxL)	70" x 72" (1.8 m x 1.8 m) 70" x 102" (1.8 m x 2.5 m) 70" x 144" (1.8 m x 3.6 m) and longer
Cutting Area	70" x 52" (1.8 m x 1.3 m)
Laser	From 25W to over 2000W depending on application