



## ADVANCED PRODUCTION LASER SYSTEMS

# Flat Bed Laser Cutting Machine

2000mm x 1000mm work area



## TEC-HYPERION-MG12-CF

The Tec-Hyperion-MG12-CF is the latest flat bed laser cutting machine to be offered by Tec Systems. The characteristics of the fibre fed solid state range of lasers results in higher quality cuts and faster cutting speeds when compared to other solutions. An ultra narrow cut width makes this machine the perfect solution for high speed cutting of stainless steel, mild steel, brass, copper, aluminium and other non ferrous metals.

### Controls

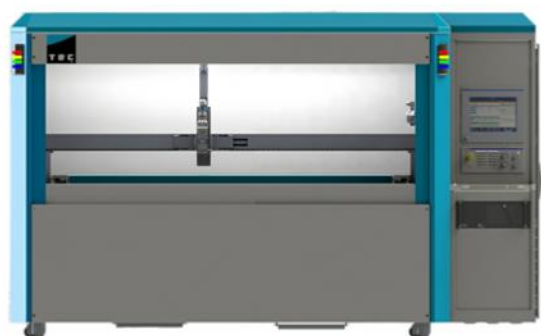
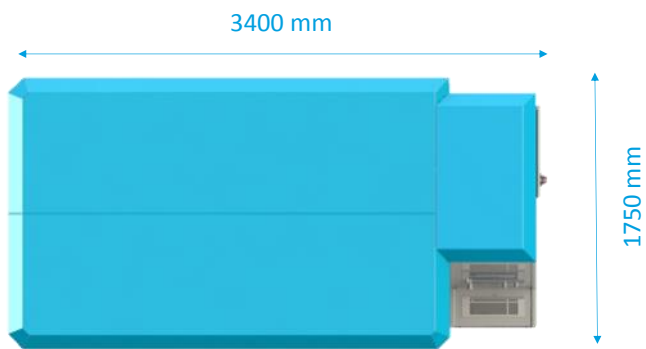
The machine is controlled using the very latest CNC technology providing a user friendly interface allowing programs to be rapidly constructed. We also offer an optional software package which automatically generates the nesting of multiple components onto the sheet material, minimising waste and maximising cutting speeds.

### High Speed Drives

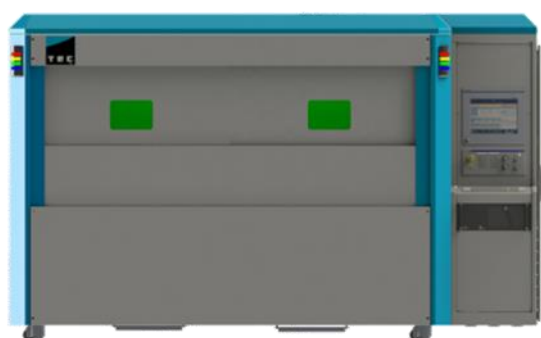
The machine incorporates the latest high resolution servo motors and precision ball screws on all drives providing quick acceleration and high cutting speeds.

### Work Table

The work table is fitted on a robust slide system to allow it to be pulled out from its normal working position to give greater access for loading and retrieval of parts.



*Front access door open*



*Front access door closed*



*Slide out cutting bed*

### [Compact Footprint](#)

One of the machine's impressive features is the compact footprint in comparison to the working area of the table.

### [Access](#)

The guard system is fitted with a powered front access door, allowing quick and easy loading and unloading of the machine with minimal operator intervention.

The side and rear of the machine has removable panels to allow customised automated solutions to be added.

### [Guard](#)

The fully enclosed guard system is designed as a class 1 laser enclosure with fully interlocked access doors, to ensure machine safety for personnel working on or around the laser system. The automatic vertical sliding access door, coupled with a pull out cutting bed is specifically designed to make loading and unloading of the machine quick and strain free.

### [Extraction /Collection](#)

A combined extraction and collection hopper is integrated within the machine structure minimising the total floor space required.

### [Speed and Repeatability \(Standard\)](#)

Max positioning speed: 1000mm/second  
Repeatability: 0.05mm

*If the above machine is not to your exact requirements please talk to us about other systems from our standard range or alternatively a bespoke option.*

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