

MOTOCONO®

**COIL FED LASER FIBER
CUTTING MACHINE**

COILCUT L



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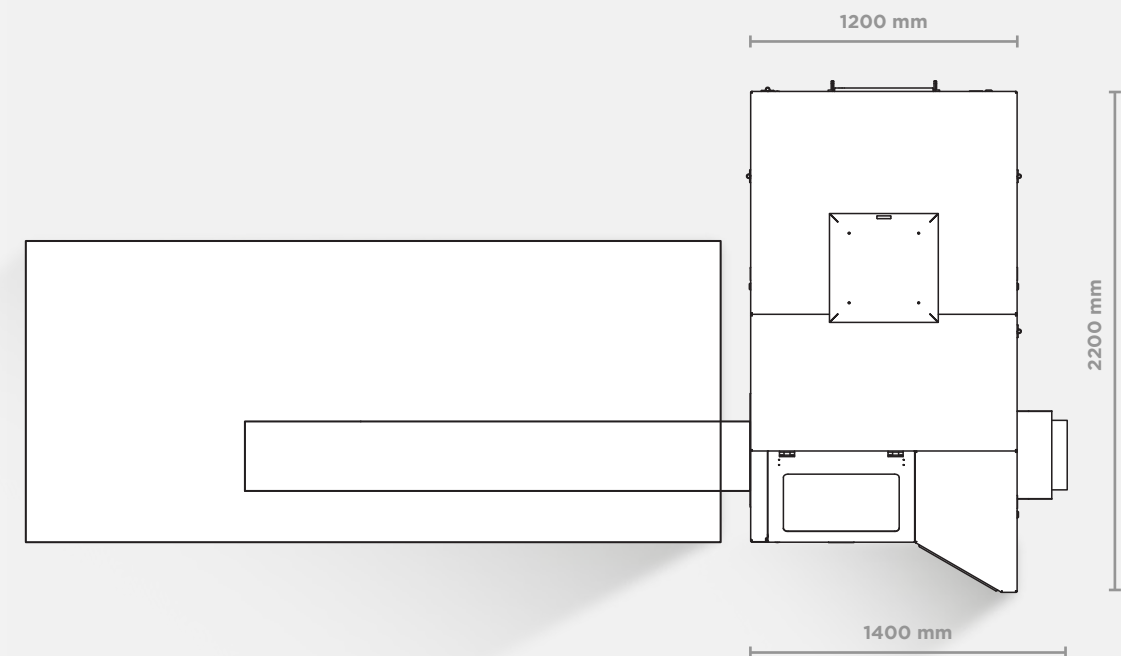
FUNCIONAL DESIGN

COIL FED LASER FIBER CUTTING MACHINE

+ HIGH PROFITABILITY

The CoilCut L is an ideal cutting machine for the production of small parts in large quantities autonomously.

Thanks to this work format, we managed to guarantee a high level of profitability since we avoid the time spent in loading and unloading metal sheets, parts handling and waste removal.



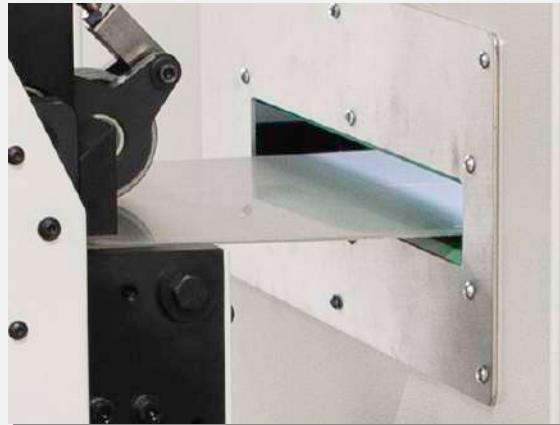
+ MAXIMUM SPACE OPTIMIZATION

The CoilCut L is a fiber laser cutting machine with a compact design; all components are integrated within the structure (without peripherals).

Thanks to its compact design it can be fitted up in smaller workshops. Its weight is only about 1200 Kg.

The profitable cutting area is 300x300 mm. However you can easily adapt to other coil formats.

COIL FED



+ MATERIAL LOAD

The CoilCut L was designed to be automatically fed by coil, which saves time in loading and unloading. It is adaptable to most conventional feeders that are available in the market.



+ DISCARD OF THE WASTE

The machine has a practical sheet metal trimming format that minimizes the time of manipulation and discard the waste.

+ COLLECT OF FINISHED PARTS

The practical removable drawer collects and allows you to remove the parts finished simply, without much effort.

Another 3 doors give easy access to the electrical cabinet, laser generator, chiller and head adjustment.

It also incorporates a sophisticated system of safety sensors that stops machine operation to protect the operator against possible laser reflection.



CUTTING HEAD

+ HIGH CUTTING SPEED 5G

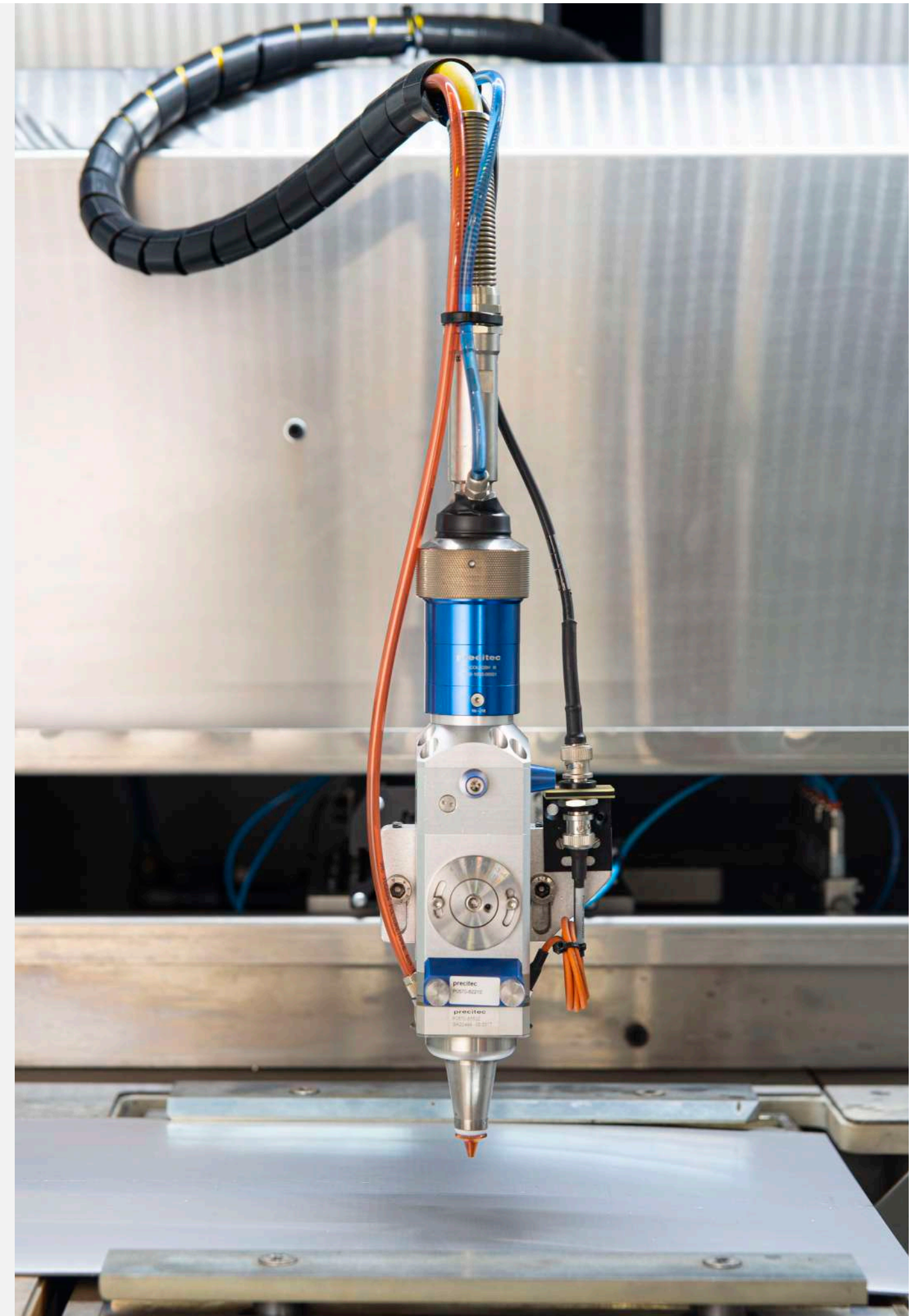
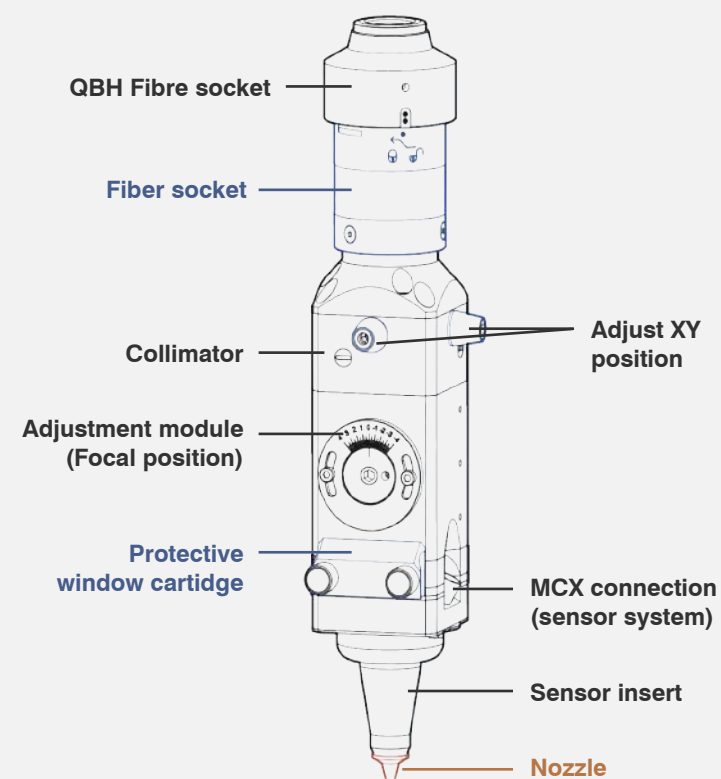
With the possibility of using a generator up to 2 kW, manages to achieve high cutting speeds. Allows cutting metallic sheets such as carbon steel, stainless, galvanized and aluminum.

Thanks to the high accelerations we achieve on the axes, the small pieces with complicated geometries do not present any difficulty.

+ ACCURACY AND SAFETY

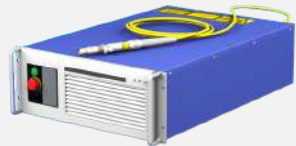
Its linear motors together with the encoder, allow a movement precision of ± 0.02 millimeters per meter.

It is also possible to control the head height, and incorporates the automatic collision detection to prevent eventual head or machine damage.



PERIPHERAL

+ FIBER LASER SOURCE



We work in collaboration with IPG Photonics, world leader in laser sources development, in order to provide their YLR line for 1 kW, 1.5 kW and 2 kW modules.

+ CHILLER COOLER



The SMC manufacturer provides us with their HRS line, which controls accurately the temperature of the laser generator and the fiber connector.

Its sizes are compact and its cooling capacity is high, being the maintenance very simple.

SOFTWARE & CNC

+ CUTEXPERT SOFTWARE

The powerful CutExpert nesting program maximizes the profit of the material, key factor to increase the cost-effectivity of the production. However, the automatic nesting allows also the possibility of manual intervention.

The 15" Eurosoft touch screen has an intuitive interface that doesn't require any previous computing knowledge for the operator, besides it reduces the training period, making it possible to start operating in a few hours.



+ REMOTE ASSISTANCE

+ STANDARD PIECES LIBRARY

+ USB CHARGE

CUTTING QUALITY

+ MATERIALS, THICKNESS AND CUTTING QUALITY

The CoilCut L is able to cut diverse types of materials, like carbon steel, inox, galvanized and aluminum.

The maximum cutting thickness is up to 3 mm.



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MOTOCONO S.A.
C/ Fenolleda 8, 08226 – Terrassa (Barcelona)
Tel. +34 937 354 597 – www.motocono.com



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