

MOTOCONO®

PLASMA CUTTING TABLE

SHEETCUT MP



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PLASMA CUTTING MACHINE FOR METAL SHEET



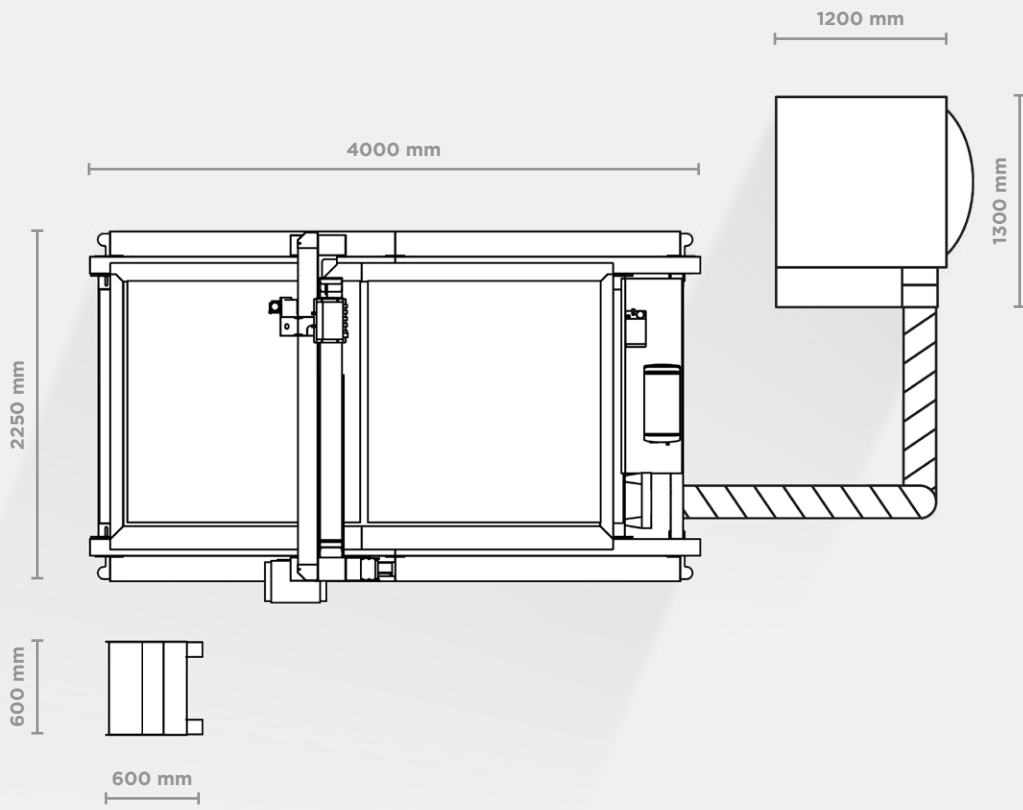
FUNCTIONAL DESIGN

PLASMA CUTTING MACHINE FOR METAL SHEET

+ PRACTICAL AND EFFECTIVE

The SheetCut MP is a plasma cutting machine able to cut up to 50 mm carbon steel.

The profitable cutting area is 3000 x 1500 mm, but we can customize the sizes up to 2500 x 12000 according the needs of the customer.



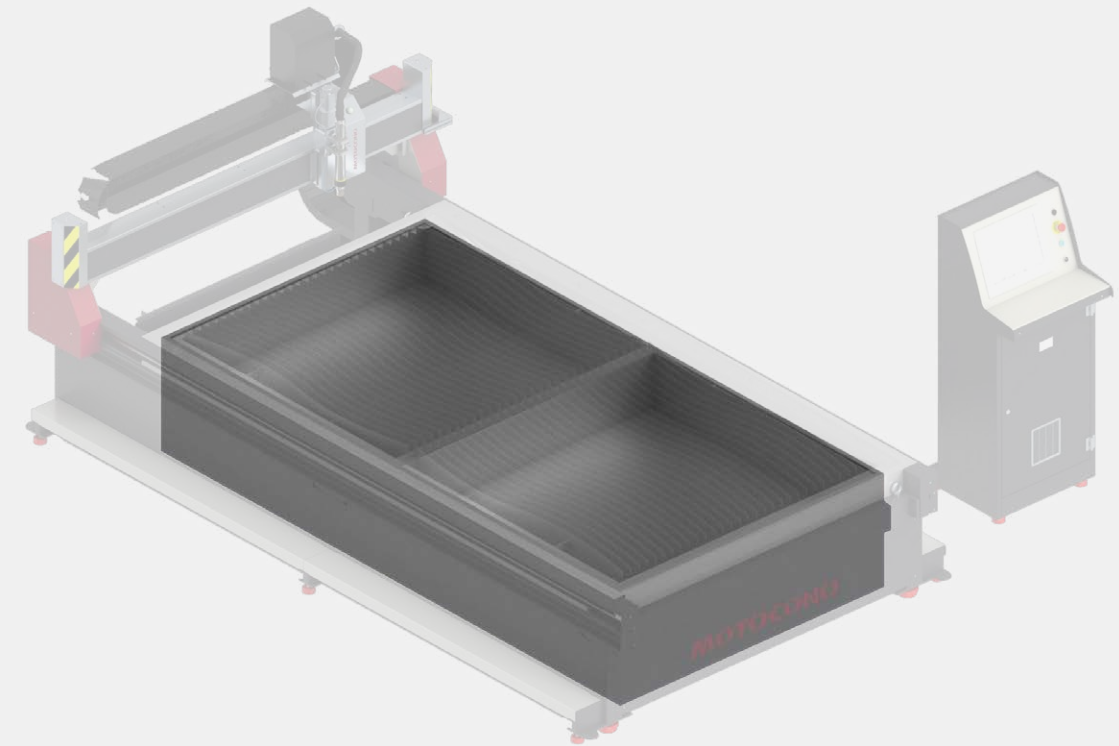
SHEET LOADING

+ TOUGH AND DURABLE

The SheetCut MP incorporates a double independent structure design.

The components of the main structure are isolated and protected from eventual hits and vibrations during the process of loading and unloading of the metal sheets.

Thanks to this independent architecture of the frame, the machine accuracy and repeatability is guaranteed throughout the life of the machine.



+ SMART SUCTION

Thanks to the automatic suction system, the machine optimizes the absorption of smokes through some independent sections which open and close according the position of the cutting head.

When focusing the suction, any residual smoke gets mostly reduced.



CUTTING HEAD

+ SAFETY AND MATERIALS

It is possible to cut metal sheets, like carbon steel, inox, galvanized and aluminum.

The machine incorporates an anti-collision system that stops the machine in case of any contingency.



+ COMBI MODE

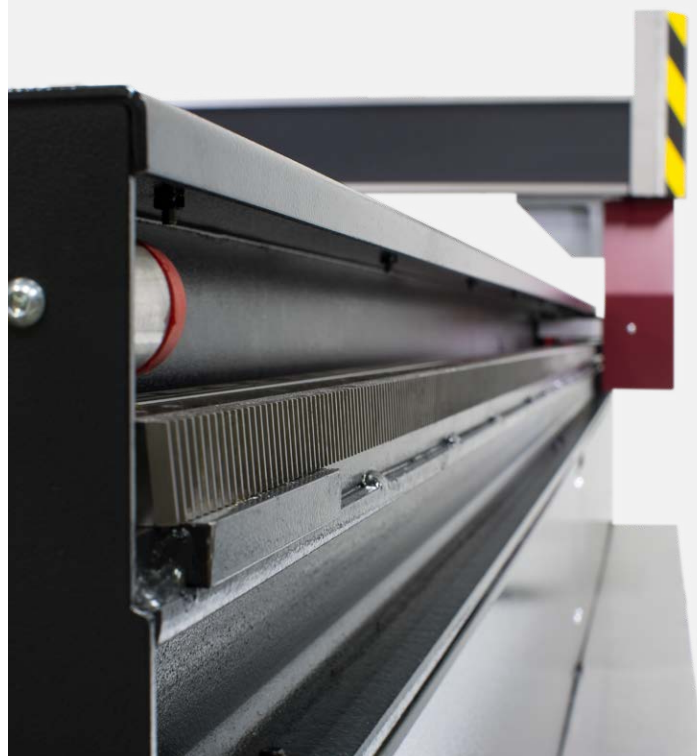
The SheetCut MP is a polyvalent machine that offers the possibility to extend out the gantry in order to effectuate operations out of the cutting area.

This allows the user to operate on square and rectangular tubes, profiles, among others.

+ ACCURACY AND MOVEMENT

4 servomotors acting on helical pinion and racks drive the machine, offering a silent motion and a highly accurate finish.

As a result, the quality of the cut is significant compared to other plasma cutting machines.



PERIPHERAL



+ PLASMA GENERATOR

We work with plasma air/air generators or high definition ones from well-known brands as Thermal Dynamics and Hypertherm, among others.



+ PROGRESSIVE LUBRICATION

The ILC greasing line lubricates automatically the friction points of the machine.

The progressive distributors can have from 3 to 24 ways out which guarantee the appropriate quantity of lubricant per point.



+ SUCTION FILTER

The ECO line from Sideros incorporates 4 cartridges for the retention of metal particles and smokes generated in the cutting process. The filtered air obtained is 99,99% clean and particle-less.

Sideros has more than 30 years' experience in 52 countries, insuring the quality of the brand.

Although most of our customers install the filter inside the workshop, we offer too an outdoors model resistant to the climate elements.

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



The SheetCut MP is able to cut different thickness and types of materials, like carbon steel, inox, galvanized and aluminum.

+ MATERIALS, THICKNESS AND CUTTING QUALITY

POWER	65 A	85 A	105 A	125 A	100 A	200 A	300 A	400 A
CARBON STEEL	16mm	20mm	22mm	25mm	15mm	25mm	40mm	50mm
INOX	12mm	16mm	20mm	20mm	15mm	25mm	25mm	50mm
ALUMINIUM	12mm	16mm	20mm	25mm	15mm	20mm	25mm	50mm

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