

CutExpert

EUROSOFT

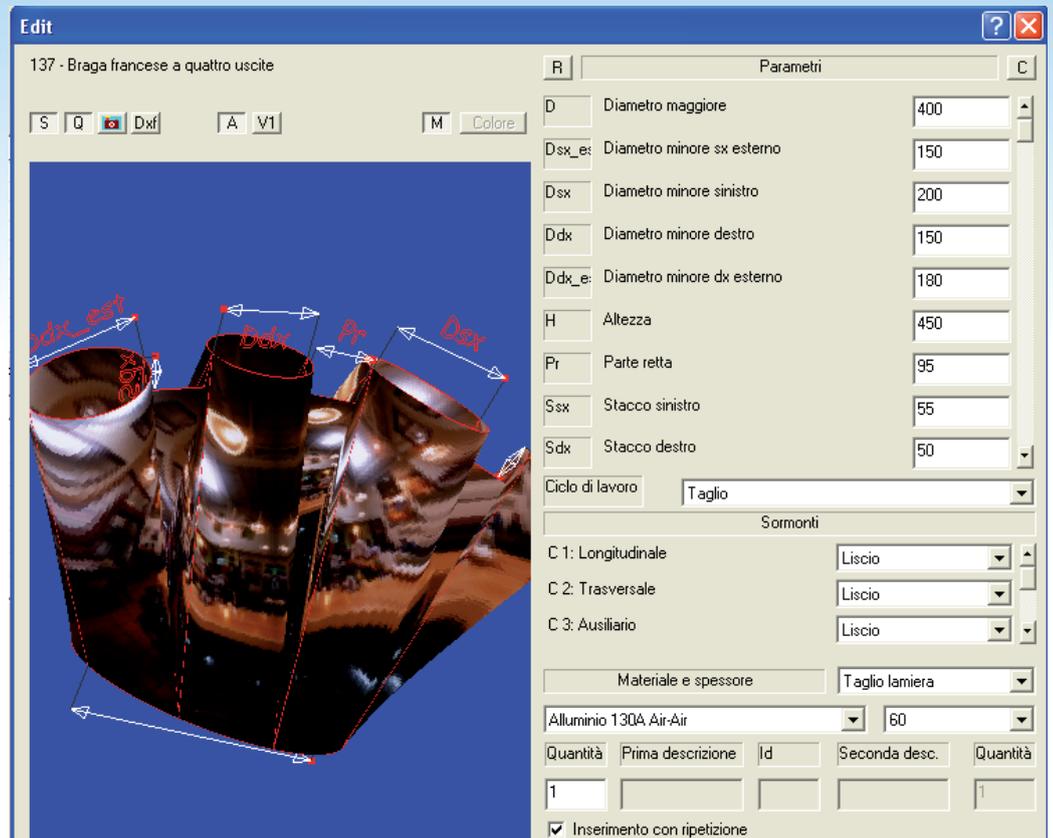


The software solution for the thermal cutting

A suite of programs that is born from a multi-decennial experience in the sector of the sheet cutting and from positive synergies with machine builders and important users.

The system is successfully used by hundreds of companies working in the sheet cutting sector as well as in the air treatment one.

A certain reference point in this sector



Simplicity and power may cohabit

- The utmost easiness in its use: *The system does not require any basic informatics knowledge and especially it does not require any skilled personnel.*
- Times of learning are really reduced: *the user really becomes operative in a few hours' time*
- Modern and pleasant graphical interface
- Contextual options: *the options shown to the user are the least necessary to the execution of the current task*
- multilevel undo-redo
- prints out, report, estimate costs: *a predefined whole of prints out to control the production in an accurate and fast way*
- Unique programming environment for: *order management, automatic & manual nesting, technology, cutting routes, post-processor*
- fast and powerful nesting: *to save raw material is a need*

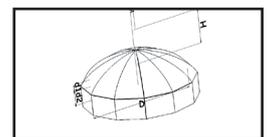
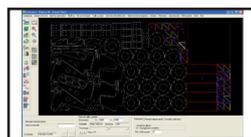
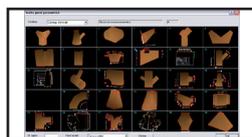
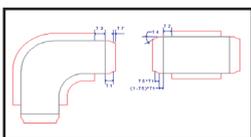
The CAM system

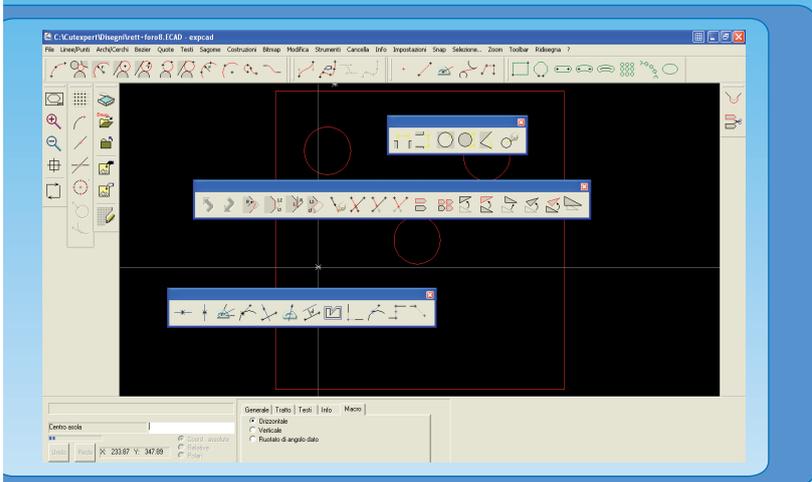
The CAM module of CutExpert includes all the necessary functions for a fast programming of a machine for heat cutting with all the possible options: inclined cutting, piercing unit, plasma/laser/oxy, markers, punching.

The programming is as speed as possible; especially the drawing interpretation (which working it is necessary to make with a part of the machine) is made automatic by a powerful setting up system.

The technology: lead-in lead-out, kerf, post-processor cutting variables can be set up for each material/thickness so to make the operator's following intervention minimum or even inexistent.

The algorithm that calculates the sequence of cut is fully configurable (for example to make the pre-holes or the markings before the plasma cutting)





The CAD program is truly user friendly

The CAD system of CutExpert

- * Intuitive environment with dynamics previews for all the operations the operator is supported by the preview, the system graphically anticipate what will be the result of the operation in progress.
- * macro with standard workings for the carpentry sector
- * carriers with splines of drawings acquired from scanner
- * multilevel undo-redo
- * dxf IN/OUT converter
- * fast and intuitive system for quoting the drawing
- * texts management with font true-type to create outlines suitable for the cutting
- * macro to define and calculate the levels of chamfered outlines with displaying of the result and removal of hidden lines.; without having to resort to complex 3d systems the cad can manage the chamfer with a degree of realism similar to a 3D system.
- * functions to check profiles (double lines, non closed outlines) and to repair them
- * possibility to recall the CAD also from the CAM for the modification of pieces already arranged on the sheet

The CAD is especially appreciated by users making workings on behalf of other companies thanks to its simple use. It is also appreciated and used by some large-sized companies that already use complex CAD systems, above all for the checking functions of the outlines and the speed of use.

On a market where it is necessary to always match fastness and quality, CutExpert is the faithful ally to win any kind of challenge.



Authorized dealer



The main features of the CAM

Dynamic tridimensional pictures extended library with intelligent sheet developments that are compatible with the working needs in the air treatment sector

Management of orders/workings integrated with report for estimate costs closely integrated with the remaining system parts

Automatic and manual nesting with scraps recovery, re-optimization, mixing automatic and manual strategies is very easy

Management of cutting technology that can be set up with the management of the default values to simplify the use for the parameters for which the material punctual specification per material is not required

Optimization of automatic and manual cutting routes

Common cut management, bridges, loops, piercings minimization, pre-holes

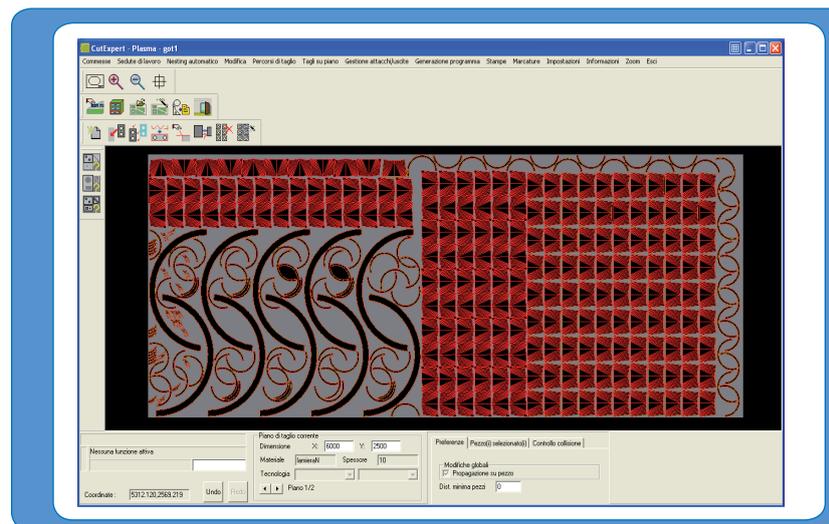
Management of automatic marking, the text to be marked can be directly the name of the piece or other descriptive fields

Management of report and prints out that can be set up on the basis of the OpenOffice technology and the scripting techniques based on the python language

Possibility to interface with the CN Eurosoft systems with the aim of making a precise summing up and update the variables used in the estimate costs

Post processor available for the various typology of machines, possibility to make post-processor directly with script python

Technological database of the materials defined by the post-processor (only the necessary data are present as per the type of machine used)also used in the estimate cost part



A non banal example of nesting calculated in a completely automatic way

**Less costs for programming tasks
Use CutExpert !!!**