

Hardware requirements:

- ☞ PC PENTIUM 1,8 GHz or above
- ☞ RAM on board 2 GB or above
- ☞ Free space on Hard Disk 50 Mb or above,
- ☞ SVGA Video Card 800x600 256 colours (1024x768 65.000 colours are advisable)
- ☞ Network or USB memory for the NC connection
- ☞ Free USB port fo the Hw protection key
- ☞ CD ROM
- ☞ Windows printer compatible
- ☞ Windows XP or Vista or 7/8/10 32/64 B operating system

Interface:

- ☞ easy and intuitive interface based on windows 8
- ☞ single window with: general configuration, optimisation level, timing profiles and export
- ☞ available languages: Italian, French, English, Spanish, German
- ☞ unit of measurement: mm - tenths or inches - thousandths - fractional inches
- ☞ possibility to combine different machine profiles (already foreseen and listed) to an order for the time calculation, possibility to import the machine parameters also from Wincut on machine board to have an "ad hoc" profile of times

Material archive

- ☞ archive of used materials for the optimisations (3000 lines max.) subdivided per type (thickness, colour)
- ☞ grain and trim management according to the the material type
- ☞ wasted material recycling with store release
- ☞ Combination of more sizes of a single material to the orders and indication of the use priority

Panels archive

- ☞ archive of workpieces to be used for the creation and intergration of orders or for the manual filling schemes
- ☞ Edges archive
- ☞ Constrained or free management of the material used in the order
- ☞ Possibility to use shapes according to the automatic schemes filling

Order processing

- ☞ creation of orders starting from a list of requested workpieces (3000 max.) which includes a single material
- ☞ management of various format of the indicated material and of recycled material
- ☞ order processing according to the parameters entered by the operator (desired types of cuts, choice of first cut side, over/under production, number of automatic unloadings, following machining, etc.)
- ☞ optimisation algorithm to obtain the best result between the minimum waste and the machine time. Different levels of the algorithm optimisation can be selected:
low, medium, high, very high, with graphic display of the cutting schemes.
- ☞ calculation of order processing time
- ☞ time calculation with operator time control for each cutting level and feasibility according to the clamps configuration (single blade beam

saw)

- œ hourly cost calculation for both machine and material
- œ automatic space filling with shapes indicated separately
- œ “custom” optimisation parameters for every order

edges on the four sides of the panel with specific storage

- œ management of the narrow strips that cannot be clamped

Multiple Order Management

œ order processing of up to 10.000 workpieces total including several materials simultaneously, starting from an orders database.

œ Independent shapes and parameters management for every single material

œ summary report of the whole optimisation solution

œ possibility to exclude single shapes from the optimisation and automatically create a remaining list

Report:

œ Pdf or Excel report including the visualisation of the panel sizing general statistics , panels production, waste, edges, used material and longitudinal bars

œ total report in case of multiple order

œ Display of total order schemes, single programs with individual statistics and cutting dimensioning

œ stacks report for piece-code and output order with graphic composition

œ pallet report to be used with graphic composition

œ hourly cost calculation for both machine and material

Manual Editor of Cutting Schemes:

œ modification in graphic environment of cutting diagrams; offcut percentage display in real time and updating of the optimised order

œ shapes deletion and insertion (from the order list, from a panels database or created with new sizes) or pre-cuts in the free spaces of the schemes.

œ Statistic display of the modified scheme only (including the processing time)

Label Printer:

œ 2D bidimensional labels Editor (for ex. QR CODE) with the possibility to store up to 5 data fields for every piece

œ labels printing of an order/multiple order for panel, package or stack (with preset height), finished shapes or for the material stock which can be directly recycled by an office printer or on machine board.

œ Automatic creation of the necessary files for the labelling on the machine label printer

œ graphics print-out of cutting diagrams, orders and stock

Import/Export:

œ text file or Excel sheet import through EasyCut and EasyCut Plus

œ cutting diagrams import from OPTISAVE and OPTIWIN

œ programs transfer to the on-board PC by means of USB drive or networking

œ complete export of a MLC by selecting a single file

œ LLT export for the creation of a programs list with different dimensioning material

↻ export of an order towards 3 different single- blade or angular beam saws (Plus key)

