



D₅ DOORS

eqtCAM5 DOORS is the product dedicated to doors and frames design and manufacturing on numerical control machines. It consists of two parts: the first for doors design (**eqtDOORCreator**); the second for specific door machining.

The purpose of **eqtCAM5 DOORS** is to get a significant increase in productivity by simplifying all the stages from the design to the finished product.

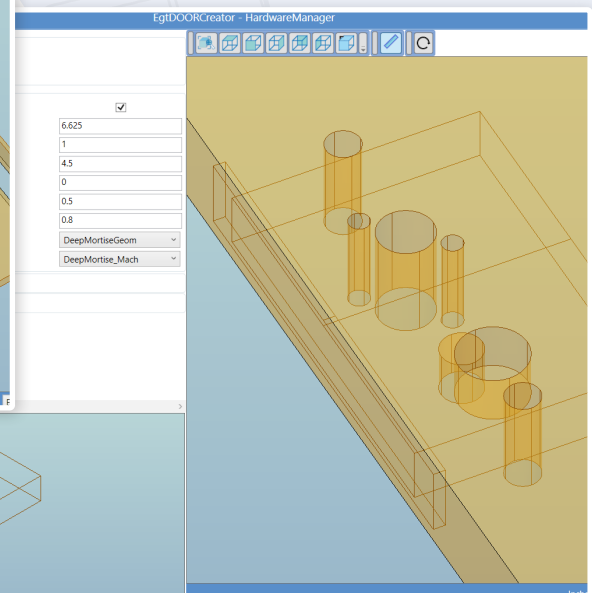
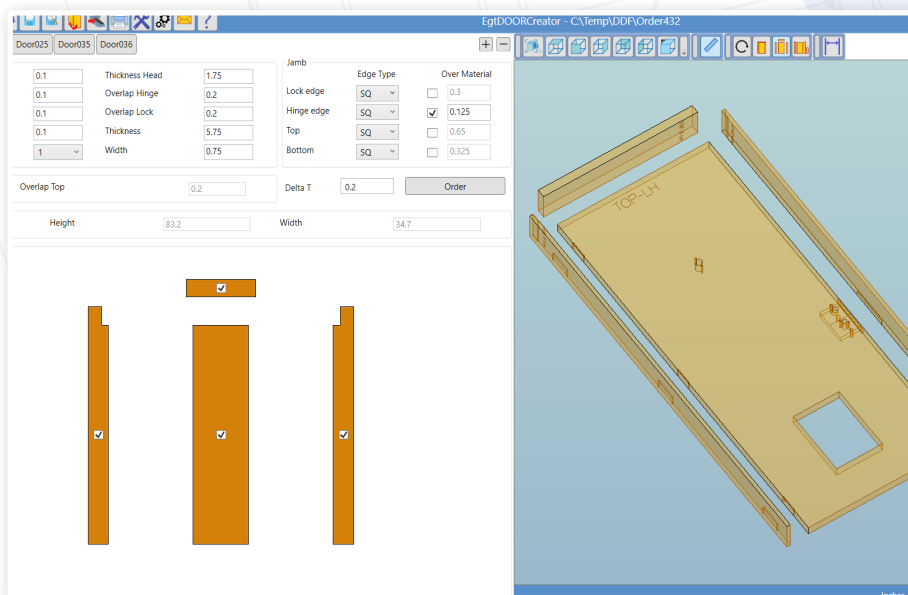
DOOR DESIGN

eqtDOORCreator

- Parametric design of single or double doors with or without jambs.
- Possibility to define dimensions, type of opening, shape (eg. rectangular or arched), over material.
- Addition and positioning of the hardware managed by a specific library.
- Dimensioned drawing creation and printing.
- Possibility to organize production lots.

HARDWARE LIBRARY MANAGEMENT

- Creation and modification of hardware, grouped by type: locks, hinges, pivots, stop and closers, roller latches, grooves, bolts, edge pulls, flush pulls.
- Creation of slots grouped by type: light cutouts, viewers, mail slots, louver cutout.
- Copy and customization of existing models.
- Archiving by brand and model.
- Managing thousands of models.



eqtCAM5 DOORS

Door and frame design (above)

Hardware component design (right).

TOOL LIBRARIES AND MACHINING MANAGEMENT

- Tool library: drill bits, milling cutters, blades, chisels.
- Creation, modification and saving of tools setup.
- Machining library: drilling, milling, sawing, contouring, pocketing.

MANUFACTURING

- Automatic definition and positioning of raw parts on the machine table with fixtures.
- Definition of processing by type of hardware.
- Automatic machining selection depending on the hardware used.
- Customization of the processes to be applied, both in automatic and manual mode.
- Automatic calculation of processing on multiple machines if necessary.

SIMULATION

- Specific machine model creation for machining simulation that stays true to reality.
- Virtual milling to verify the finished part appearance.
- Collision check between tools, part, machine fixed parts, machine mobile parts.
- Estimate of machining times and tool consumption.

PRODUCTION MANAGEMENT AND INDUSTRY 4.0

- Management of raw materials and projects with Barcode, QR code or RFID.
- Automatic management of production queues.
- Integration between design, planning and workshop departments, by sharing the same library of hardware and projects.
- Integration with the company management system, via ddf file (door description file).

