



ENGLISH

# ASPAN

## CABINET

OPTIONAL MODULE

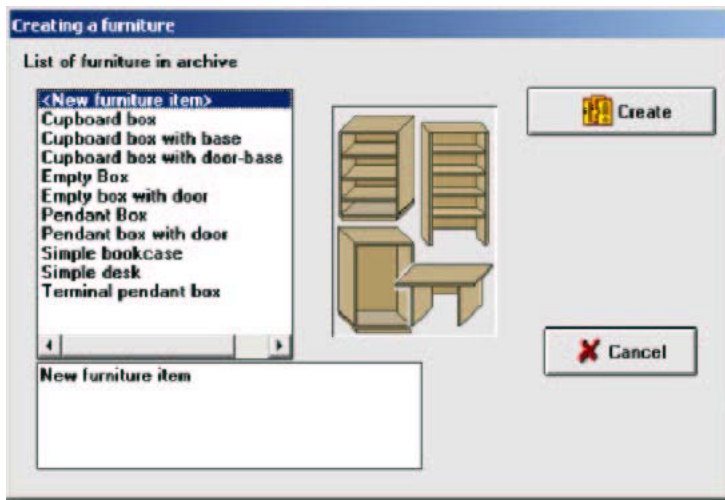


 **AutoSoftware**

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Use this module to create a cabinet starting from row panels, by creating the drawings, the machinings and all machine part programs.

## CABINET



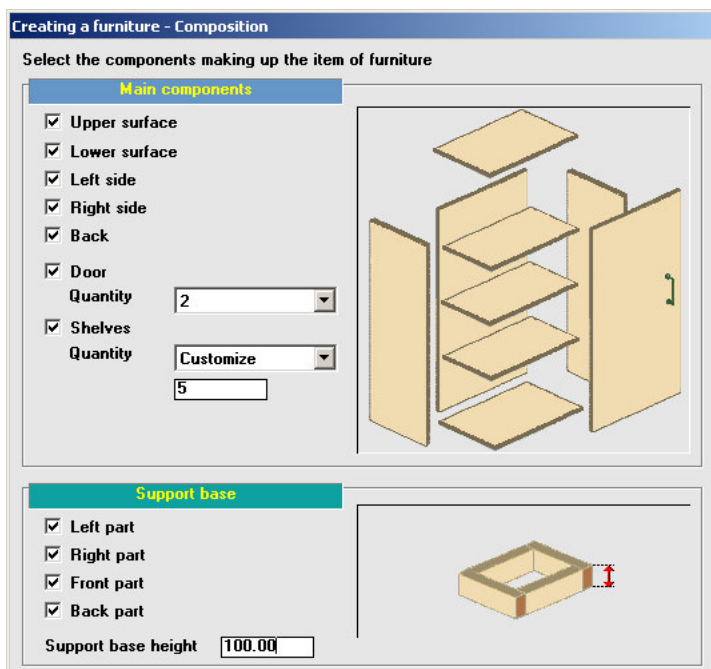
The procedure is supplied with a **library of various type of cabinets**: empty boxes, pendants with or without doors, bookshelves, desks and cupboards.

The user can select between the available supplied cabinets and, starting from them, generate the components as needed.

The user can generate new cabinet types or modify the supplied ones, thus adding **customized cabinet** to the existing ones.

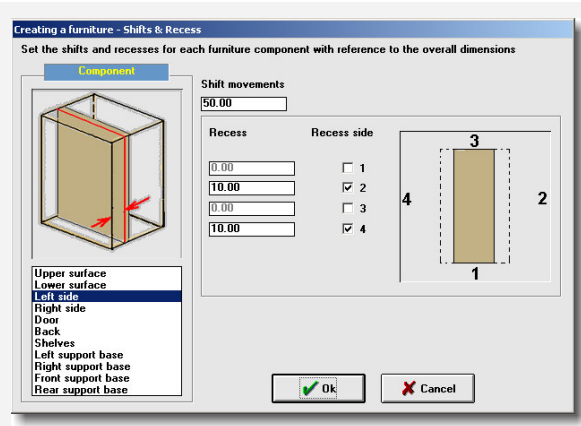
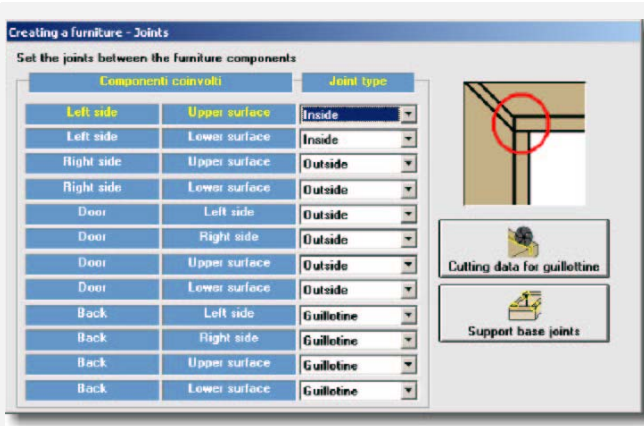
All defined cabinet can be modified in composition and dimensions.

If the selected model agrees the user requirements, to **create the cabinet**, just input the final dimensions, to obtain the drawings of the single components, their machinings (joints boring, shelves boring, etc.) and all their optimized machine part programs.

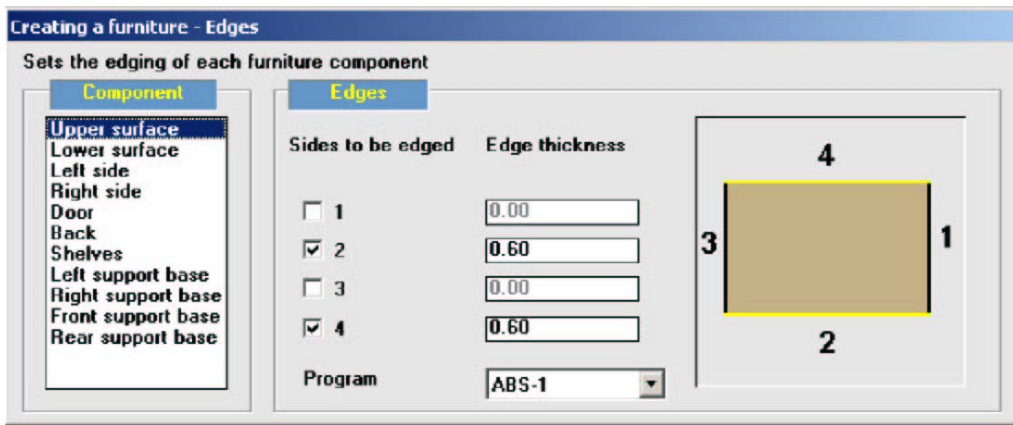


To **create a new model** or modify an existing one, the user will be helped through different steps: starting from the definition of the single **components** composing the furniture (e.g. upper and left side, door, support base, etc.) to the definition of the **joints borings**, through the selection of the **edges** to be edge-banded.

The procedure gives the ability to select the **opening side** of the door (or doors), with automatic positioning and computing of quantity of **hinges** and **mounting plates** needed.

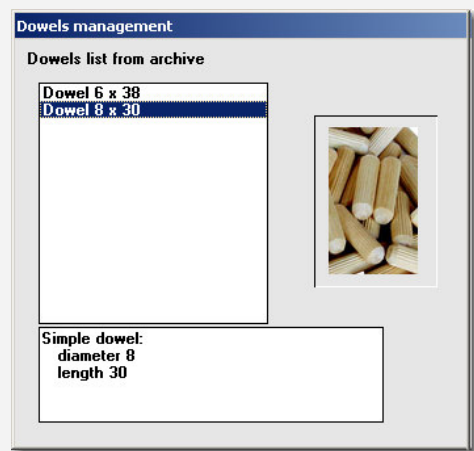
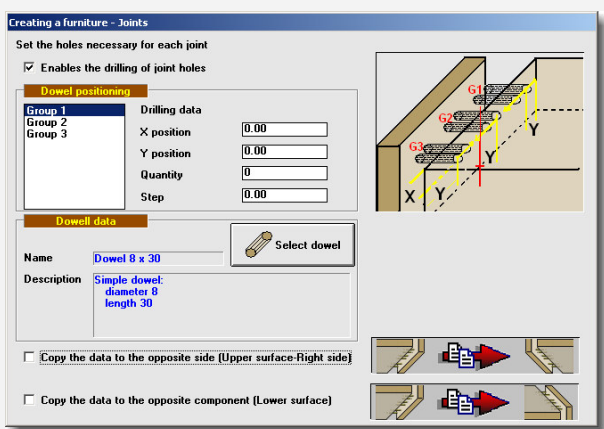


The procedure gives the ability to select a different type of joint between the cabinet components (**independent joints**) and the ability to define different **thickness** for each component, their **shifts** and **recesses**.

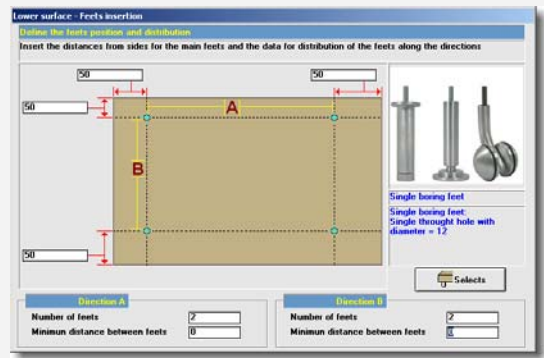
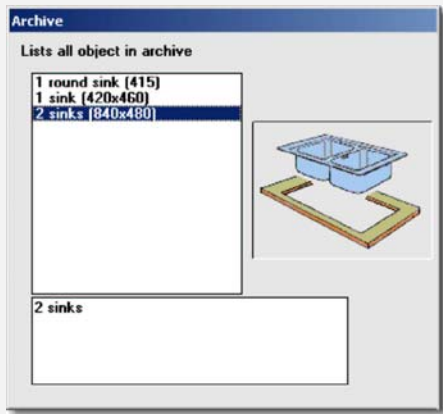


It also gives the ability to select, for each component, the **sides to be edge-banded**, the edge thickness and the part-program name found in the edge-banding machine.

For the **joints borings** and some other machining of the single components, the procedure gives the ability to retrieve the data directly from the selected hardware: dowels, hinges, mounting plates, feet, sinks, etc....



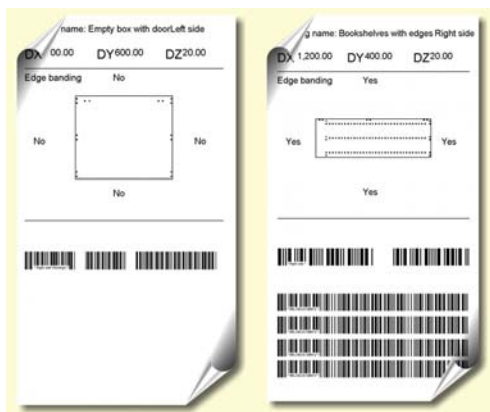
It is possible to define the joints borings, together with the selection of the hardware to be used with them (actually selection of dowels only).



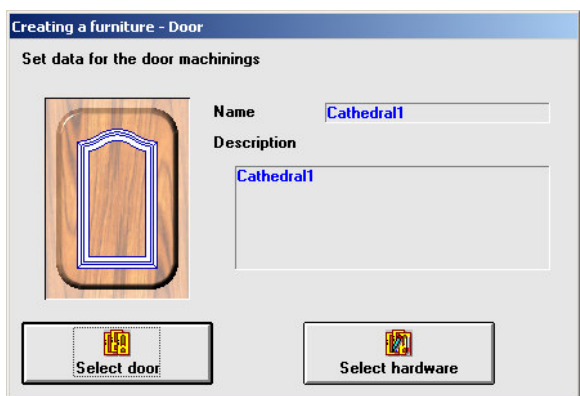
It also gives the ability to add some special machinings to the various cabinet components (**sink hole** on the upper component, **feet borings** on the lower component), and to add a **squaring** for each component.

The **part-programs** may be created for the cabinet components in different ways: a single part-program or two different part-programs for squaring and boring, and two different part-programs for the upper and the lower faces of each component, if needed. A **priority** in the machining sequence (squaring, boring, edge-band machining) may be set to optimize the factory processes.

The procedure gives the ability to create the data (program name and other parameters) to run a **linear edge-banding machine**, whose program has already been loaded (not available for all machines).

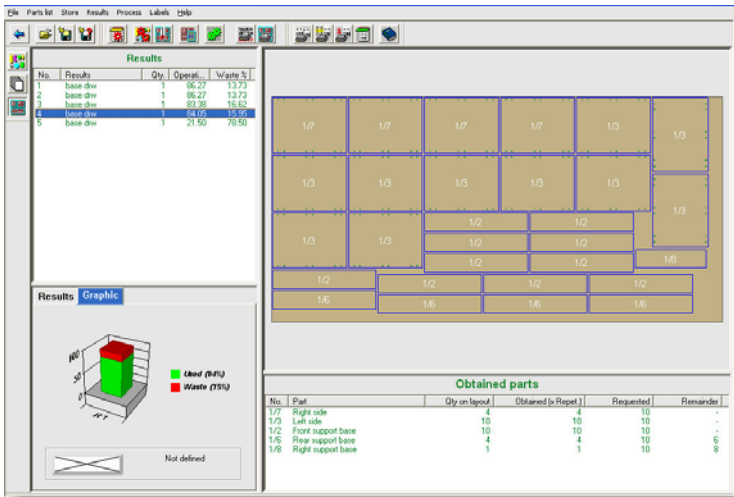


It gives the ability to print-out **customized labels**, one for each cabinet component: a label containing a single machining only, or a label containing all possible machinings.



The cabinet module can be used together with the **door optional module (cupboard door)**.

In this case the user can select a door from the ones available in that module, to create a customized cabinet.

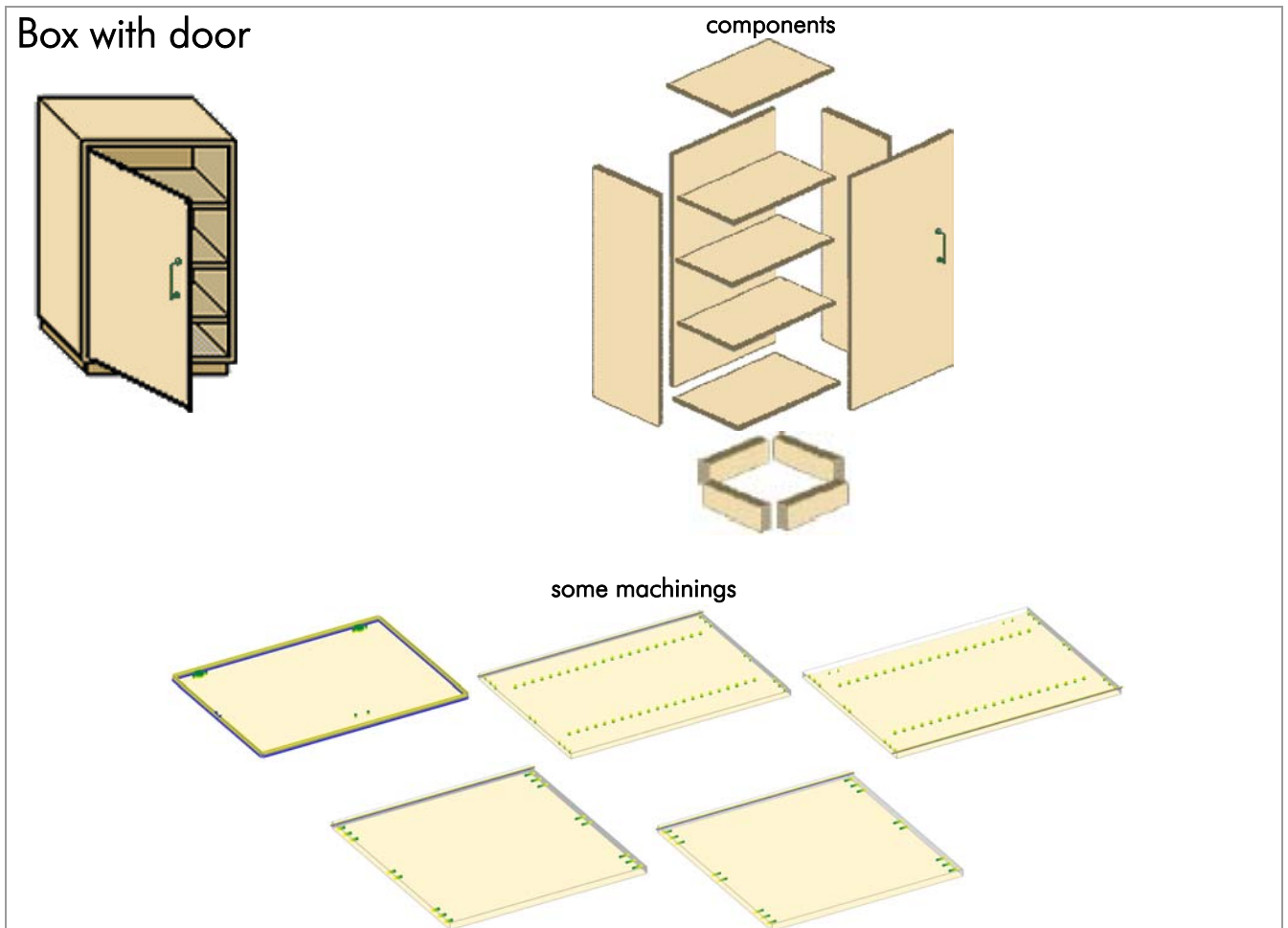


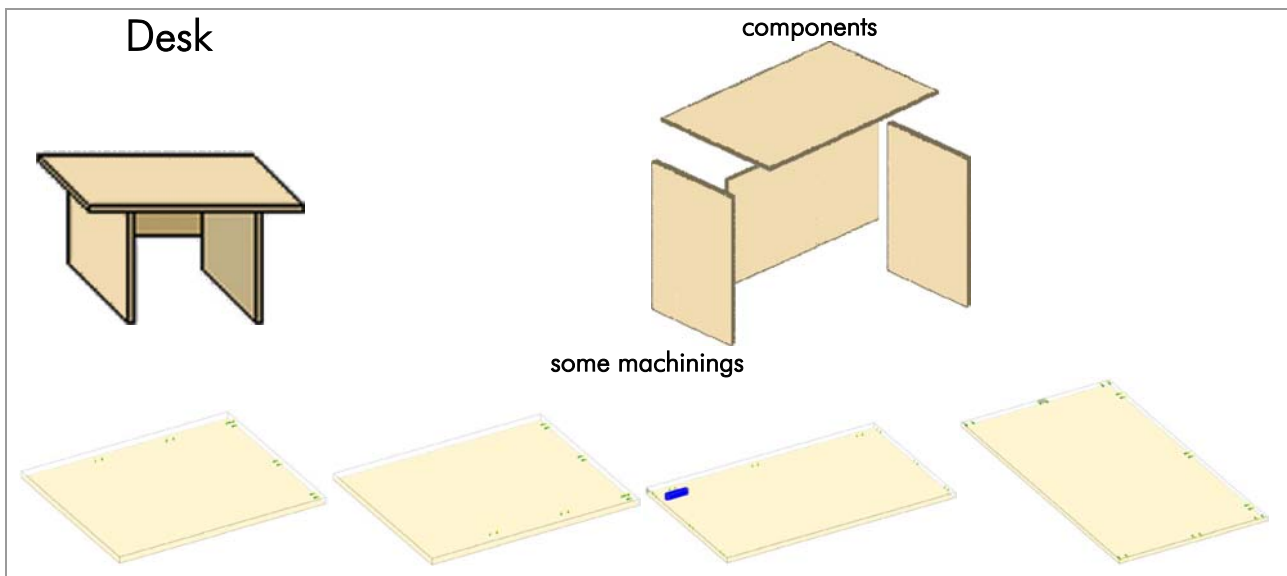
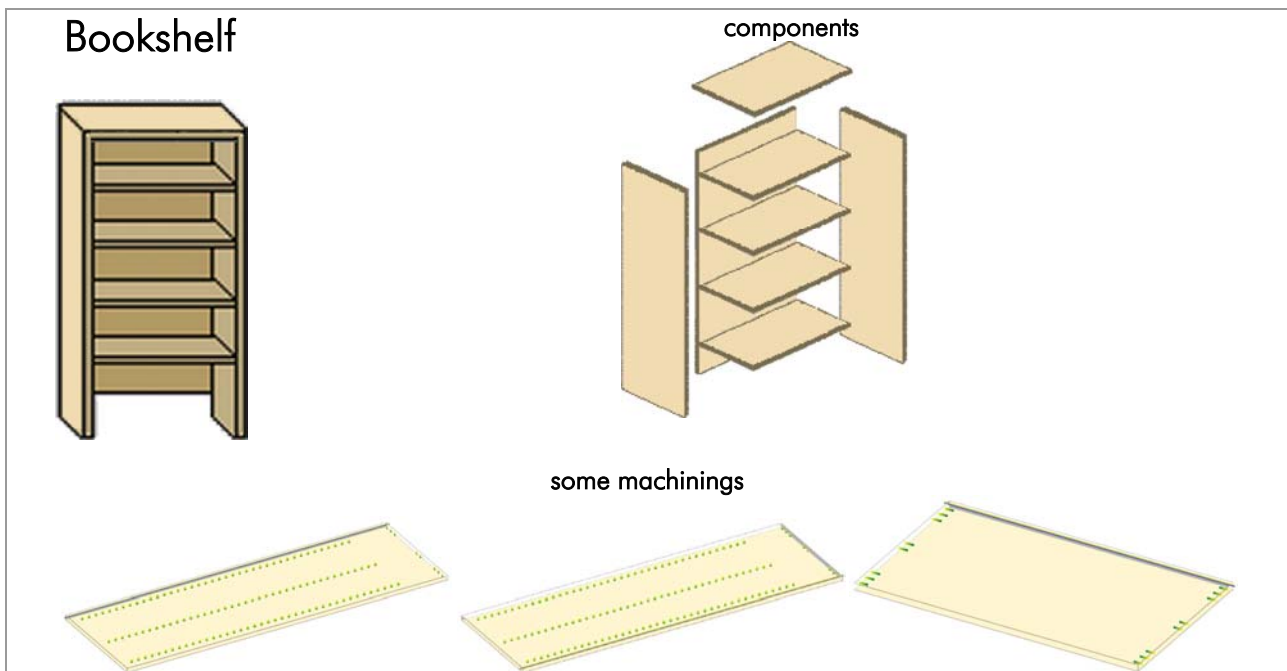
The cabinet module can be used together with the **nesting optional module**.

In this case the procedure optimizes the machine working table with all cabinet components, in the quantity and the size the user has required.

The procedure gives also the ability to select, for each component, some of the nesting optimization properties: grain, priority, material, etc.

## EXAMPLES OF SOME MODELS (the model, its components and its machinings)





Using the **CAD** commands the user can also customize all the cabinet components with drawings, text and other special features.