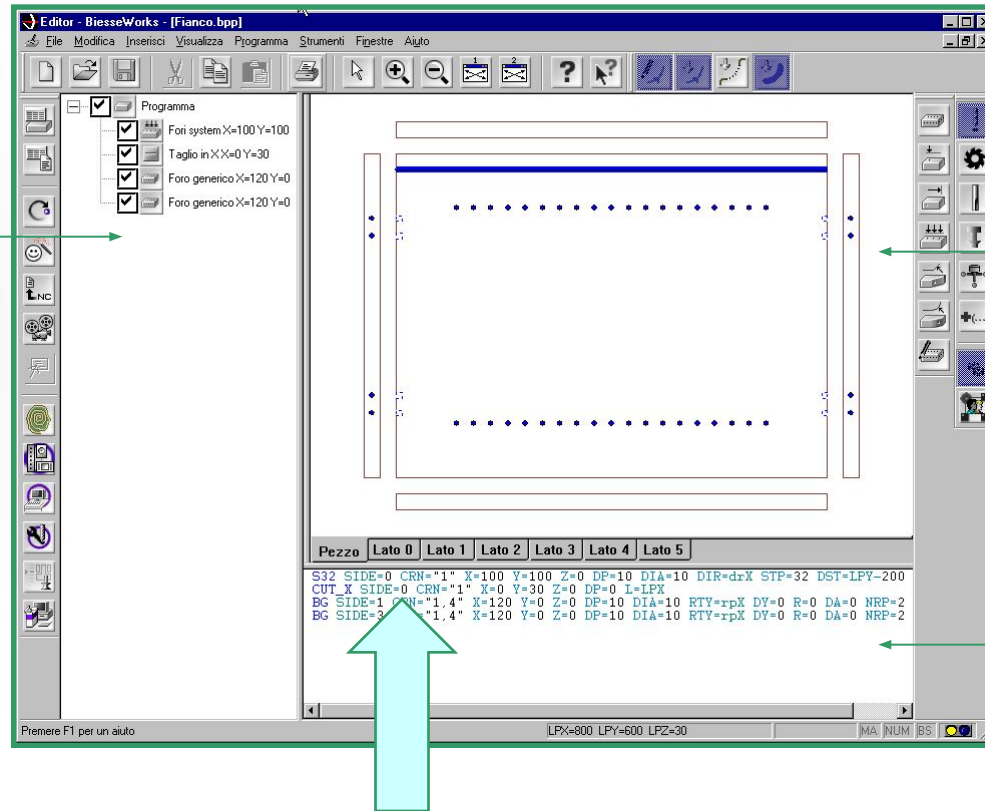


Editor

- Assisted graphic editor for the programming of boring, cutting and routing operations. The Editor handles multiple documents, so it is easy to copy a machining operation from one document to another through the Windows copy/paste functions
- Interactive graphic views with zoom function. It is possible to select machining operations graphically and modify their technological parameters
- Automatic optimization of borings, tool changes and tool routes
- Possibility of defining the work sequence with the mouse, by selecting the workings from a list
- Parametric programming, with the possibility of specifying the values of the parameters when a parametric program is run

Editor

Tree view of the work sequence



Interactive graphic view with zoom function

Text Editor

To run an EDITOR demo click here or launch the file Editor.wmv in the \Editor directory

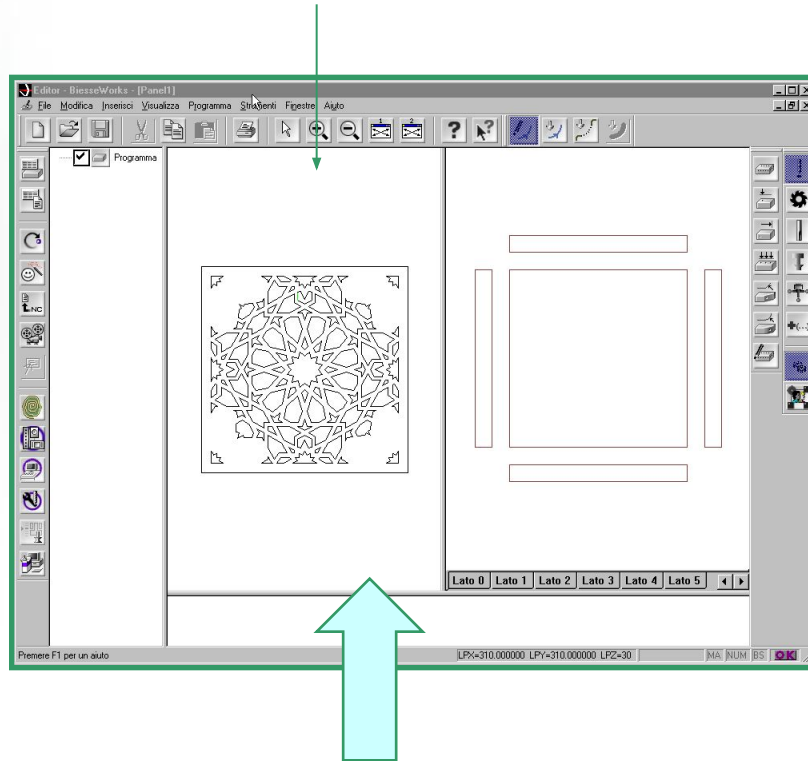
2

DXF and CID3 import

- Import of files from CAD and other outside software systems in DXF and CID3 format
- Manual import of geometric DXF files with no limitations as far as “layers”
- Automatic import of technological DXF files containing working information in the layers
- Conversion of groups of DXF and CID3 files with no need of importing them one by one (batch-run module)
- Possibility of executing DXF and CID3 files directly

DXF and CID3 import

DXF files import window

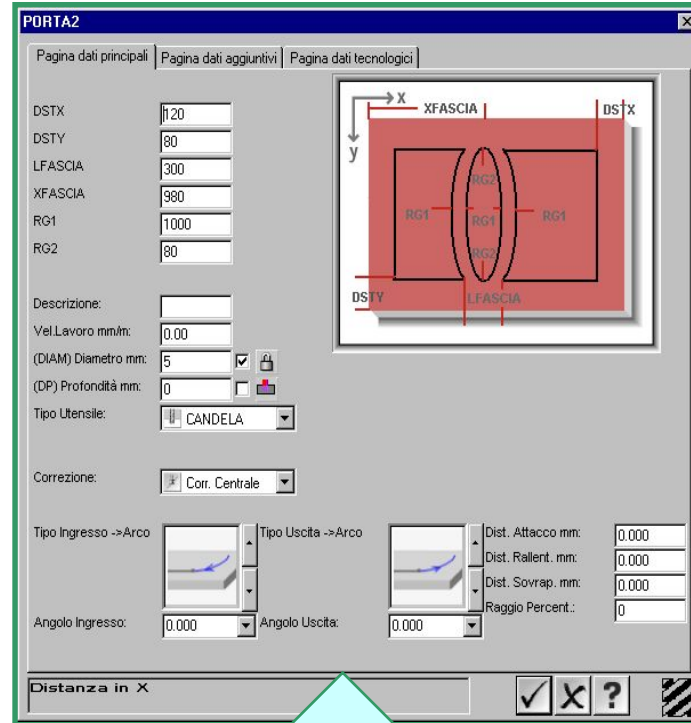


To run a DXF IMPORT demo click here or launch the file "DXF import .wmv" in the \DXF import directory

Parametric macros

- BiesseWorks allows operators to automatically create parametric macros for the most common machining operations which the user can recall by custom icons
- A simple guided function allows you to change a parametric program into a macro which can be recalled from the Editor by clicking on an icon
- You can choose the parameters to be included in the macro
- You can choose both the icon for macro recalling and the image which is displayed in the dialogue window
- You can use conditions such as IF THEN ELSE, FOR cycles and WHILE cycles in order to define complex parametric programs
- You can personalize BiesseWorks with your own macro libraries, simplifying and speeding up programming

Parametric macros



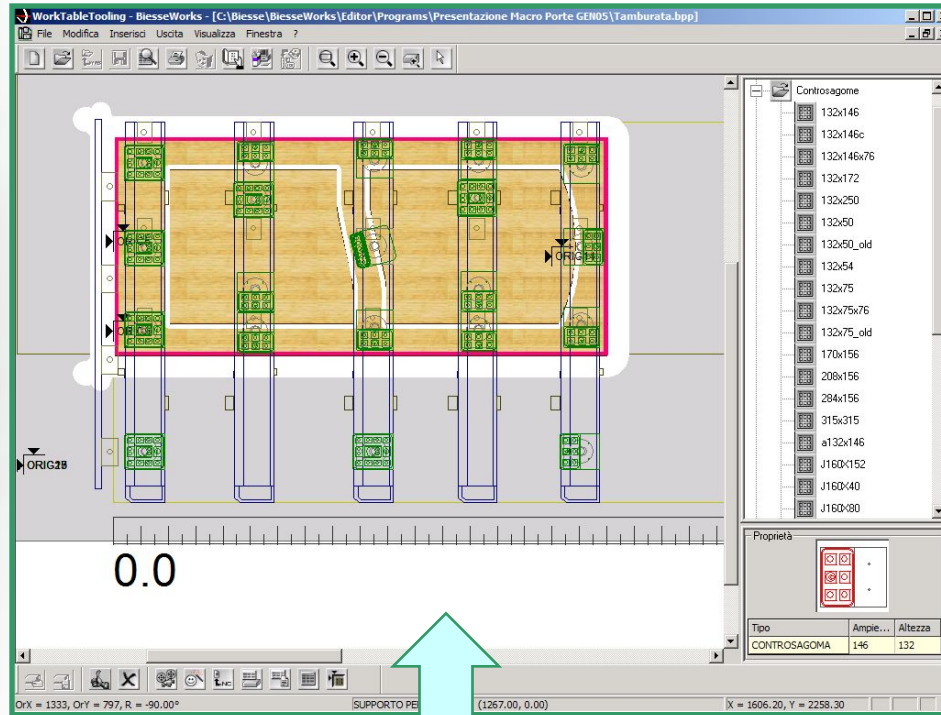
To run a PARAMETRIC MACRO demo click here or launch the file "Macro.wmv" in the \Macro directory

6

Work table set-up

- The work table graphic set-up module allows operators to define the positions of the panel supports and locking devices
- Possibility of defining the rotation of the vacuum modules
- Collision control between the tool and the elements in the work area: before running a program it is now possible to activate a control which detects possible collisions between the tool and the elements positioned in the work area, and a message is displayed on the screen before the work cycle start
- In the Work Table Tooling tool collisions are immediately revealed by highlighting the elements involved in red
- Automatic re-calculation of the work table set-up for mirror origins

Work table set-up



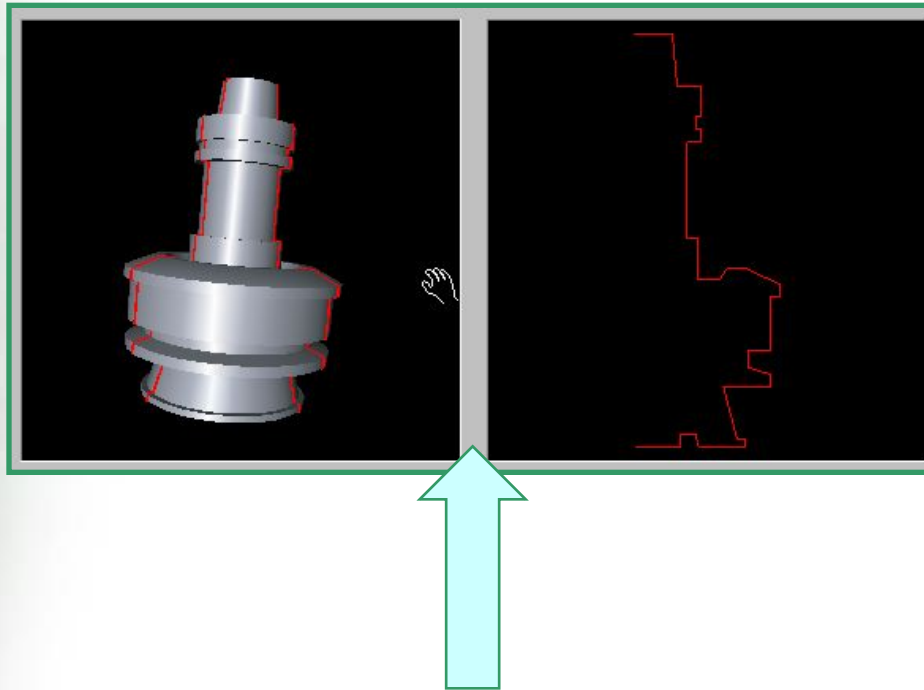
To run a demo click here or launch the file "WTT.wmv" in the \Work Table Tooling directory

8

Tool database

- Possibility of dividing the tools by type (e.g. straight tools, shaped tools, ...)
- Search filters by type and diameter for aided tool search
- It is possible to associate a shaped profile in DXF to every tool and automatically generate its 3D representation so that it can be associated to the tool in the selection and simulation phase

Tool database



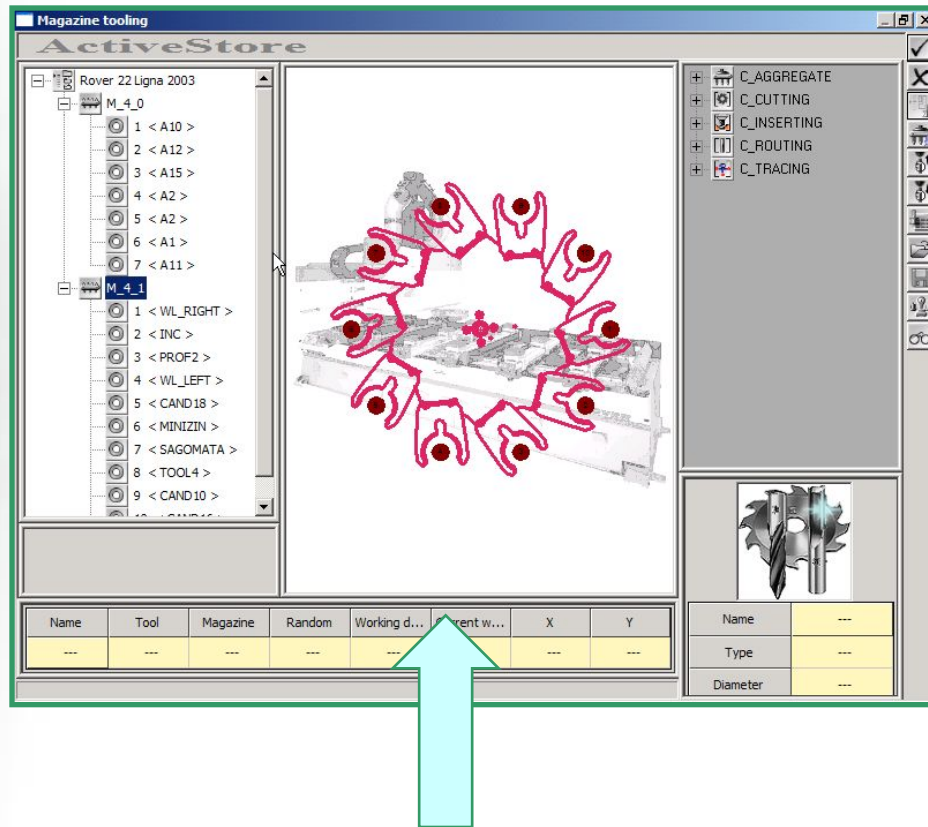
To run a demo click here or launch the file "Tool Manager.wmv" in the \Tool Manager directory

10

Machine tooling

- The tooling of operating units, tool changers and aggregates can be performed by graphically selecting the elements with the mouse
- Possibility of defining the symmetry between the boring spindles
- Possibility of saving the tooling configuration and of comparing it with an already existing one

Machine tooling



To run a demo click here or launch the file "Machine Tooling.wmv" in the \Machine Tooling directory

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