ArtCAM
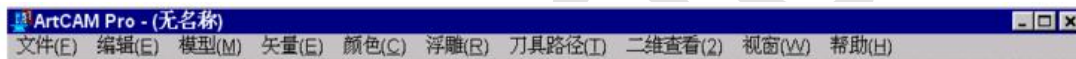
Brief introduction

With ArtCAM Pro it is easy and fast to create complex 3D models from 2D images. Two-dimensional images can be scanned images, images imported from other drawing software, or images produced by ArtCAM Pro. These images are edited to produce 3D reliefs. ArtCAM Pro also includes tools for embossing editing tools and for combining saved embossments. After creating a 3D relief, you can create a toolpath to machine the 3D relief. Multiple roughing, finishing and engraving toolpaths can be easily generated. Simulation can be generated by the tool path to be in the formal processing can be intuitive to see the product after the effect.
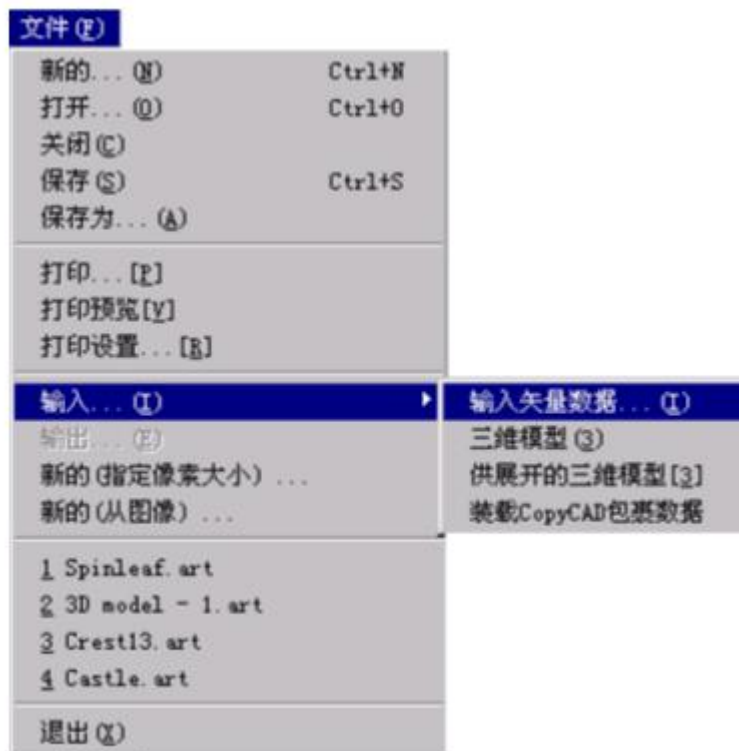
start upArtCAM

• Double-click the onscreen ArtCAM Pro icon with the left mouse button

At the top of the main window is the menu bar

Click on the menu bar to open a drop-down menu that contains submenus and commands. If the menu content is not valid for the currently active view, it will be grayed out. For example, the file menu as shown below:

Under this menu there is a submenu under the input options which is indicated by the arrow to the right of the input options. The commands to the right of some menu options are shortcuts to this option. For example, press the Ctrl key and the character N simultaneously as shortcuts to the new model options.

Toolbar

There are a total of 10 toolbars under the menu bar, which include all the most commonly used commands in ArtCAM Pro. Click the appropriate tab to access this toolbar. The company is located in:

The toolbars are: Files, Models, Bitmaps, Vectors, Vector Editing, Vector Merging, Embossing, Embossing, Machining, and Toolpaths. The company is located in:

At this point, all the commands are ashed because there is currently no open model.

File toolbar This toolbar includes all the options you need for file management operations.

Model toolbar

The company is located in:

This toolbar contains the options you need to edit the model, such as size settings, rotation, grayscale images rendered by embossing,   and

more.

Bitmap toolbar

The company is located in:

This toolbar contains the necessary options for generating and editing bitmaps

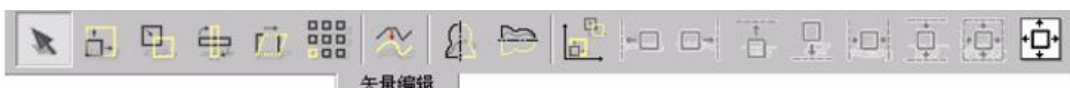**Vector toolbar**

The company is located in:

This toolbar contains the options you need to measure and generate vectors.

Vector editing toolbar

The company is located in:

This toolbar contains options such as transformations, offsets and alignment vectors

Vector merge toolbar

The company is located in:

This toolbar contains options such as merge, join and close vectors.

Emboss toolbar This toolbar contains options for creating, combining, saving and loading embosses

Emboss edit toolbar

The company is located in:

This toolbar contains the options for editing the relief.

Processing toolbar

The company is located in:

This toolbar contains options for generating 2D machining, laser machining, and more

Tool path toolbar

The company is located in:

This toolbar contains the options for creating, saving and simulating 3D machining tool paths

ArtCAM Assistant

The company is located in:

The left side of the window has a series of labels. After starting ArtCAM Pro, the assistant's page will appear on the screen.

The assistant page guides the user through certain actions. After opening the model, the main page of the assistant's label appears on the screen with some information about the model andSome buttons selected from the toolbar.

Tap the down arrow on the side of the corresponding group to access the theme for that button. For example, as shown in the figure above, when a bitmap edit button is clicked, a series of bitmap editing tools icons will appear under the button. Tap the up arrow on the bitmap edit button to remove these icons from the assistant's page. Note: ArtCAM Pro remembers the homepage status after exiting ArtCAM Pro. The next time you start the program, the homepage opens in the same state. Click certain icons to open the assistant's page with instructions related to the function of that icon.

Tree control is under the Project tab.

This page contains information about opening the model, including the size, resolution, Z-height of the 3D relief and some details of any tool paths that have been created. The company is located in:

Select the appropriate name in the tree to switch between windows. The company is located in:

Click the right mouse button to copy, rename or delete two-dimensional view, with the left mouse button double-click to view the name will maximize or minimize the view. The company is located in:

In the tree, use the right mouse button to select the name of the toolpath to edit the toolpath. Note: The F4 key can be used to switch between the project page and the assistant page.

The remaining two labels are light and material labels.

These pages are used to define the shadow color of the 3D relief and set the lighting effects to improve the image effect. Follow-up courses will be devoted to the material and light label aspects.

The status bar is at the bottom of the main window.

When you move the cursor in 2D or 3D viewing, the current cursor's X, Y, Z coordinate positions are displayed in the status bar. The company is located in:

When the selection box is active, the current width and height of the selection box are also displayed here.

ArtCAM Pro provides users with tooltips and context-sensitive online help systems. The company is located in:

tooltip

When you place the cursor on an icon, a tool tip appears on the screen giving a brief description of the cursor's function

Related help Press F1 for more detailed help information. The assistant page opens and displays the selected topic help page. The help content is displayed on the assistant's page, which is accessed through the help menu in the menu bar