Overview

Raise your productivity and professional level of service using the latest optimization technology!

GoNest Profile is the industry's most advanced nesting software solution and delivers best-in-class performance and reliability. With GoNest Profile you will experience flexible integration with your 2D CAD systems, material cost savings from efficient and powerful nesting, and repeatable results from machine-specific setups that deliver optimized cut quality, productivity, and operating costs. GoNest Profile is also easy to learn and use. GoNest profile is Power Made Simple!

Features

- **Significantly reduces raw panels waste and costs due to high material yield and reuse of scraps.**
- **Drag, drop, and bump features.**
- **Determines the number of raw panels to order in advance by stock tracking.**
- **Automatic and manual nesting**
- **Supports true shape nesting**
- **Optimal rectangular material utilization to reduce scrap**
- **Maximum flexibility in file conversion and importation**

- **Save more money**
- **Save more time**
- **Completely customizable through GoNest's open architecture**
- **Import design from major CAD systems**
- **Automatic or manual rotation and part alignment**

Installation and Uninstallation

Since you are reading this help file, it is likely that you have successfully installed GoNest Profile.

GoNest Profile is installed by running a self-extracting file. The self-extracting file is usually called gonestpc.exe, but may have a name such as gonestpc.zip.

During the installation, you can change the default destination directory and the location for the program icons.

The installation was non-destructive. All files were added only to the destination directory that you chose.

Uninstalling GoNest Profile

To Uninstall GoNest Profile from Windows 95:
From the Device Manager, select: Install / Uninstall Programs.
Select GoNest Profile and click on Next.

To Uninstall GoNest Profile from Windows 7 98/Me/2000/XP/NT/Vista:
From the Control Panel, select: Add / Remove Programs. Select GoNest Profile and click on Add/Remove. Or select start->program file->GoNest 2D->Uninstall GoNest Profile.

Note: Windows removes only the files originally installed, and doesn't remove folders if there are files remaining. That means that if you have used the program and made data or configuration files, you need to manually delete them to remove all traces from your system.

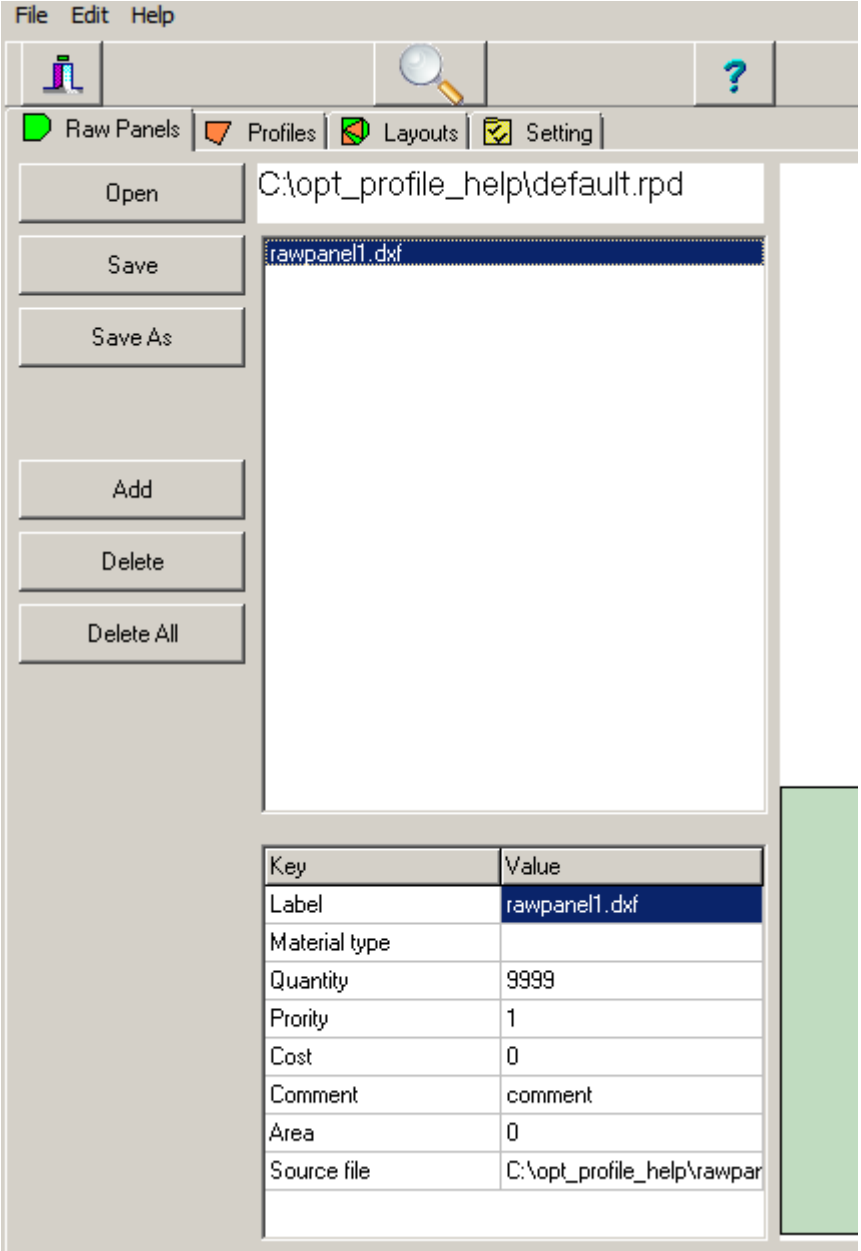
System Requirements

Runs inside Windows XP, NT, 2000, Vista or Win 7 operating systems.

Imports standard industry file formats AutoCAD DXF.

- **Pentium 500 MHz processor**
- **128 MB of RAM**
- **40 MB of free hard disk space**
- **Graphic system capable of displaying 800x600 pixels in 256 colors**

➢ Raw panels table



To open a raw panels table, simply click 'Open' button, a dialog will appear and you can select one file that have to be opened.

The default way is to click 'Save' button. If it is an existing file it

will be overwritten with the current contents.

If the file has yet no name or save to another file (for example, if you had created a new file), or you click 'Save As' button, the save file dialog will pop up, asking you for the name of the file. You can then choose the location and the name of the file. A .rpd extension is assumed if the file name has no extension.

To add a new record, simply click 'Add' button, a dialog will appear and you can select one DXF file that have to be opened, one file can only contain one raw panel. You can change the fields of current record at list box.

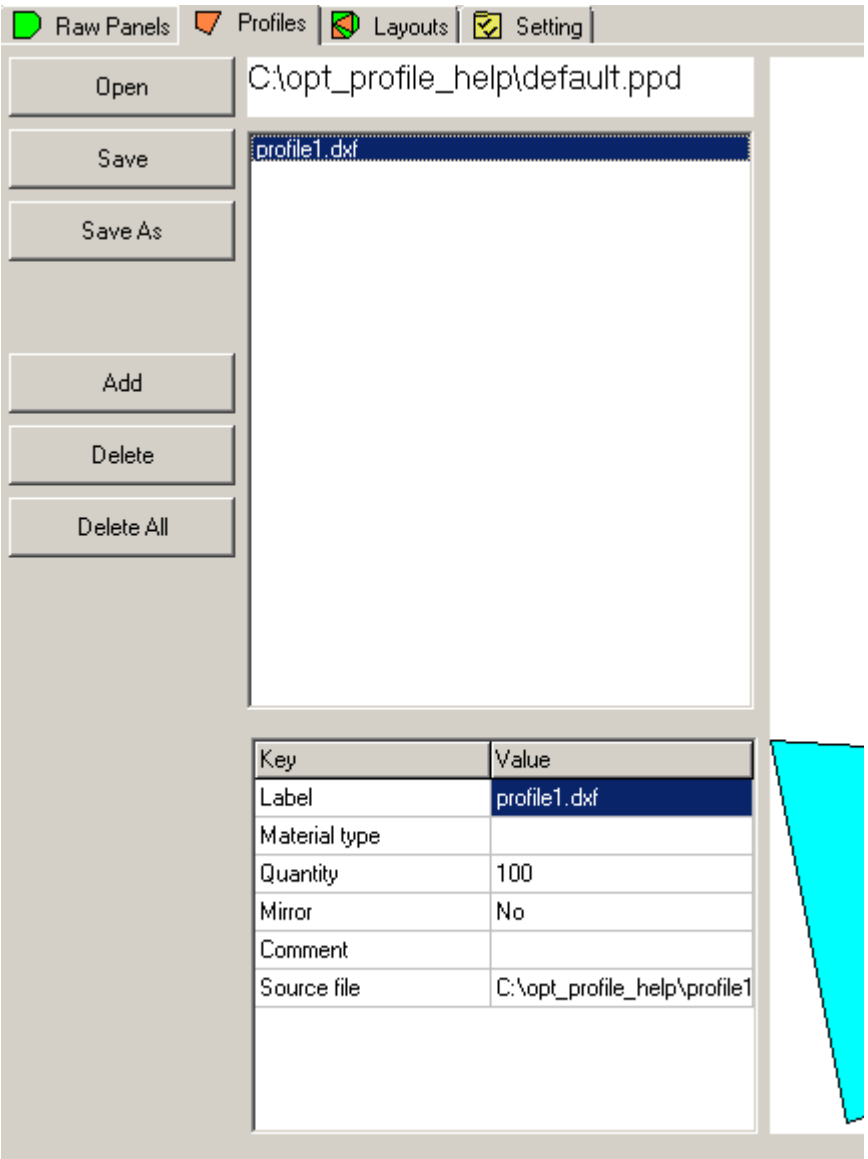
Key	Value
Label	rawpanel1.dxf
Material type	
Quantity	9999
Prority	1
Cost	0
Comment	comment
Area	0
Source file	C:\opt_profile_help\rawpar

To delete a record, click 'Delete' button.

To clear table, click 'Delete all' button.

Select a record, the preview of the raw panel will be displayed on the right sketchpad.

➢ Profiles table



To open a profiles table, simply click 'Open' button, a dialog will appear and you can select one file that have to be opened.

The default way is to click 'Save' button. If it is an existing file it will be overwritten with the current contents.

If the file has yet no name or save to another file (for example, if

you had created a new file), or you click 'Save As' button, the save file dialog will pop up, asking you for the name of the file. You can then choose the location and the name of the file. A .ppd extension is assumed if the file name has no extension.

To add a new record, simple click 'Add' button, a dialog will appear and you can select one DXF file that have to be opened, one file only contain one profile. You can change the fields of the current record at list box.

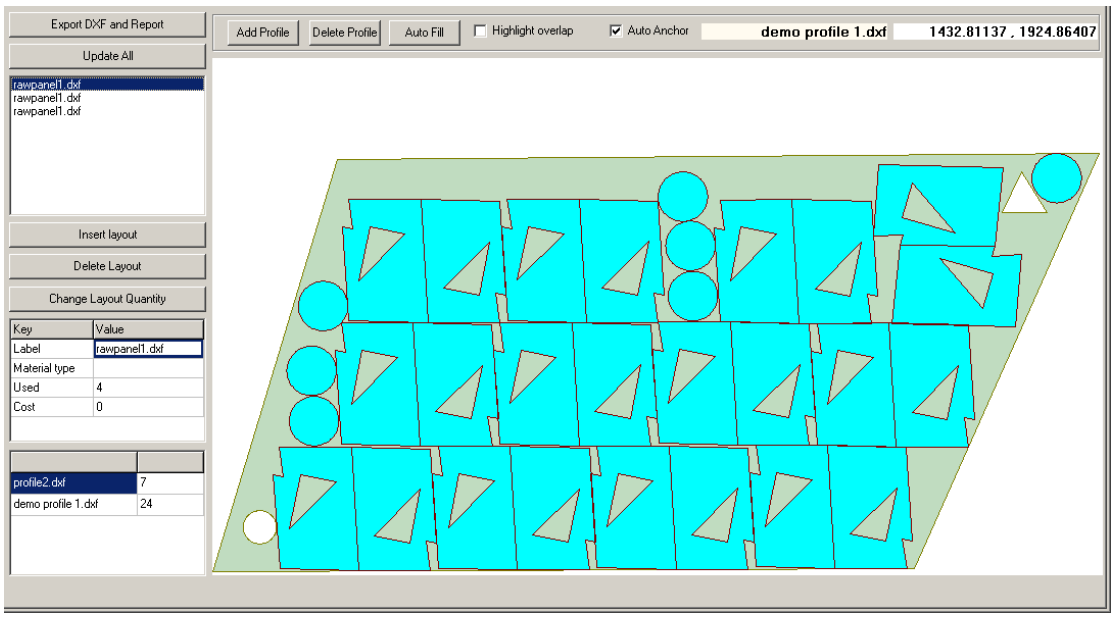
Key	Value
Label	profile1.dxf
Material type	
Quantity	100
Mirror	No
Comment	
Source file	C:\opt_profile_help\profile1

To delete a record, click 'Delete' button.

To clear table, click 'Delete all' button.

Select a record, the preview of the profile will be displayed on the right sketchpad.

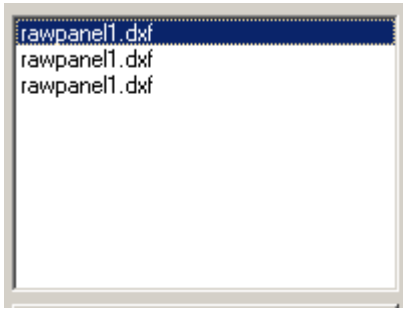
➢ Layouts table



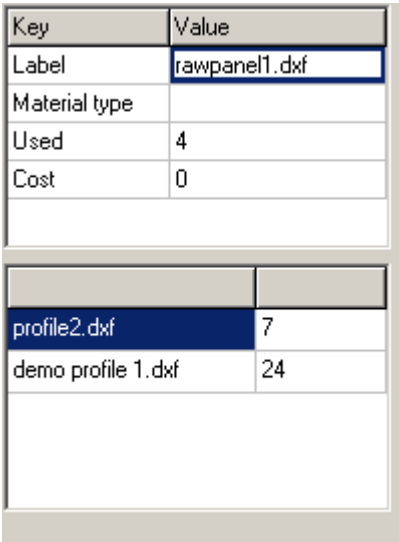
To insert an empty layout, click 'Insert Layout' button.

To delete a layout, click 'Delete Layout' button.

To change the quantity of current layout, click 'Change Layout Quantity' button.



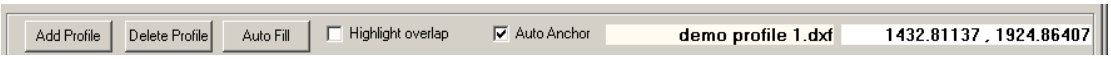
To select layout, click the 'layout list', the layout will be displayed at the right.



The information of layout is displayed at lower left list.

To export data to DXF file, click 'Export DXF and Report' button.

To minus all used raw panels and profiles from database, click 'Update All' button.



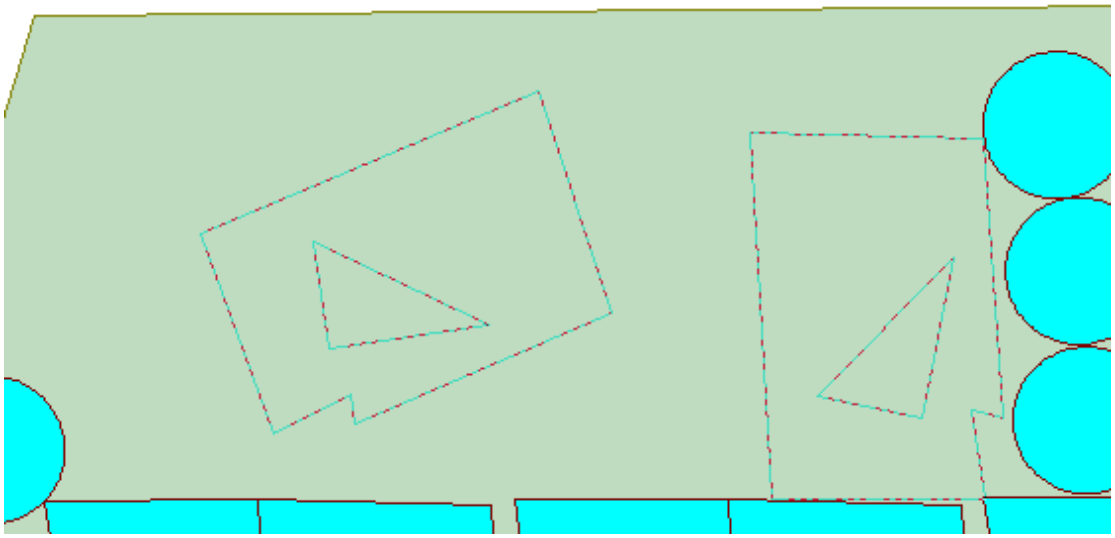
To manually add a profile to layout, click 'Add Profile' button, then select a profile, the profile will be placed the lower right.

To manually delete a profile in the layout, first, select a profile in the layout, then click 'Delete Profile' button.

To optimize nesting for current layout, click 'Auto Fill' button.

To display overlap error, check 'Highlight overlap'.

When you move the profile, put down the profile, the software will automatically find a best place, check 'Auto anchor'.



How to move and rotate a profile?

1. **Left click the profile. (Select mode, you can click 'Delete profile' button to delete the profile.)**
2. **Left click the profile again. (Move mode, when you move the mouse, the profile will be dragged.)**
3. **Mouse button wheel rolling rotate the profile.(move mode)**
4. **Left click again, the profile will be dropped.**

Toolbar

Click this button to start the optimization.

Click this button to read help document.

Click the button to quit the software.

GoNest Profile

Support: optimizecutter@gmail.com

Web Site: http://www.optimizecutter.com

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