

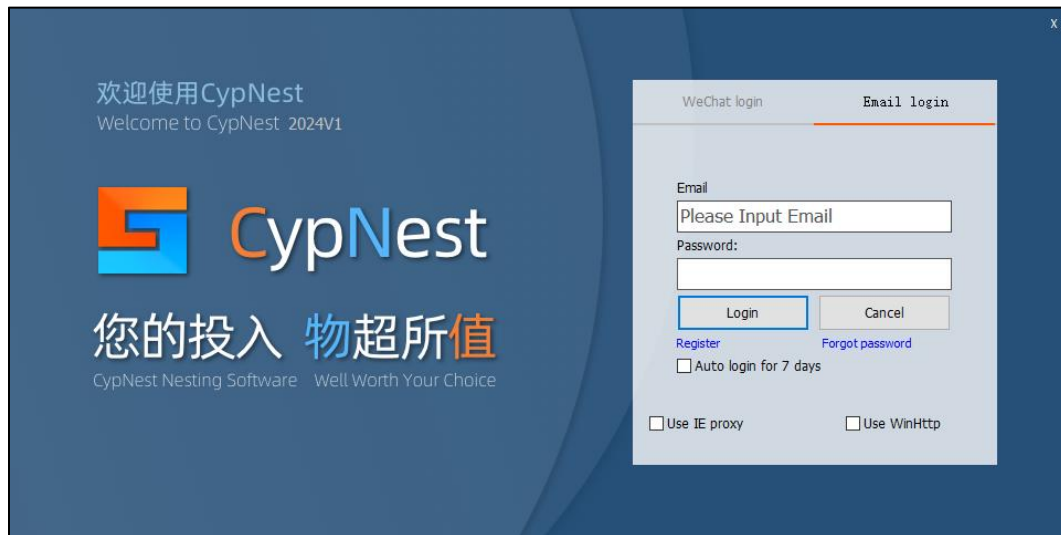
Instructions for using CypNest

The main process of CypNest can be divided into eight parts: Register and Login, creating new nesting tasks, adding parts, Nesting, sorting, Remnant and skeleton editing, report customization and exporting processing files.

1. Register and Login

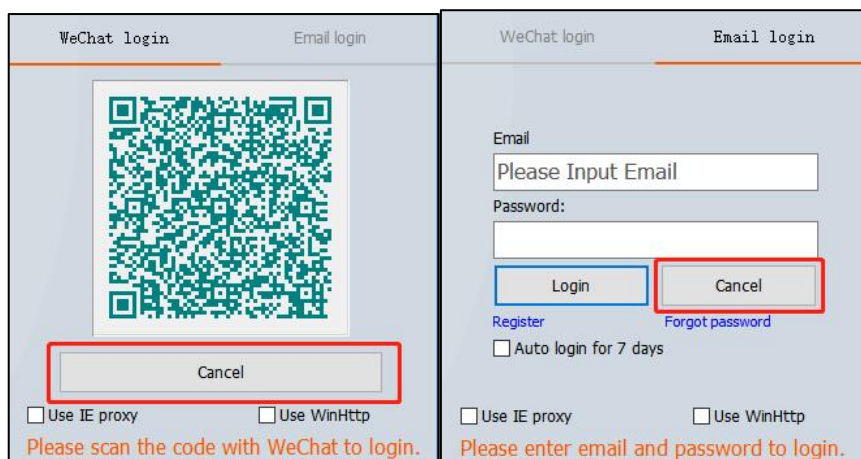
For Subscriber

The CypNest software supports a free trial for one month, and each user can only try it once on one computer. Overseas users need to register an email and fill in relevant information for trial purposes. Require Internet access.

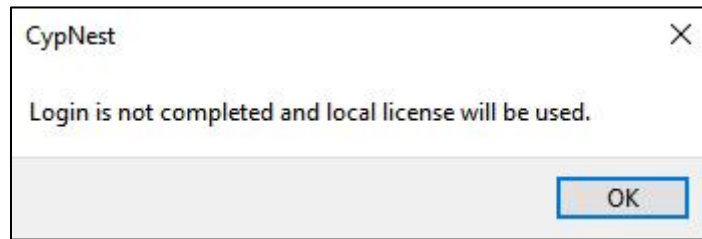


For dongle users

Ensure the dongle is successfully connected to your computer before open CypNest (light is on). No internet required to use.



Click cancel on either of the two interfaces to login

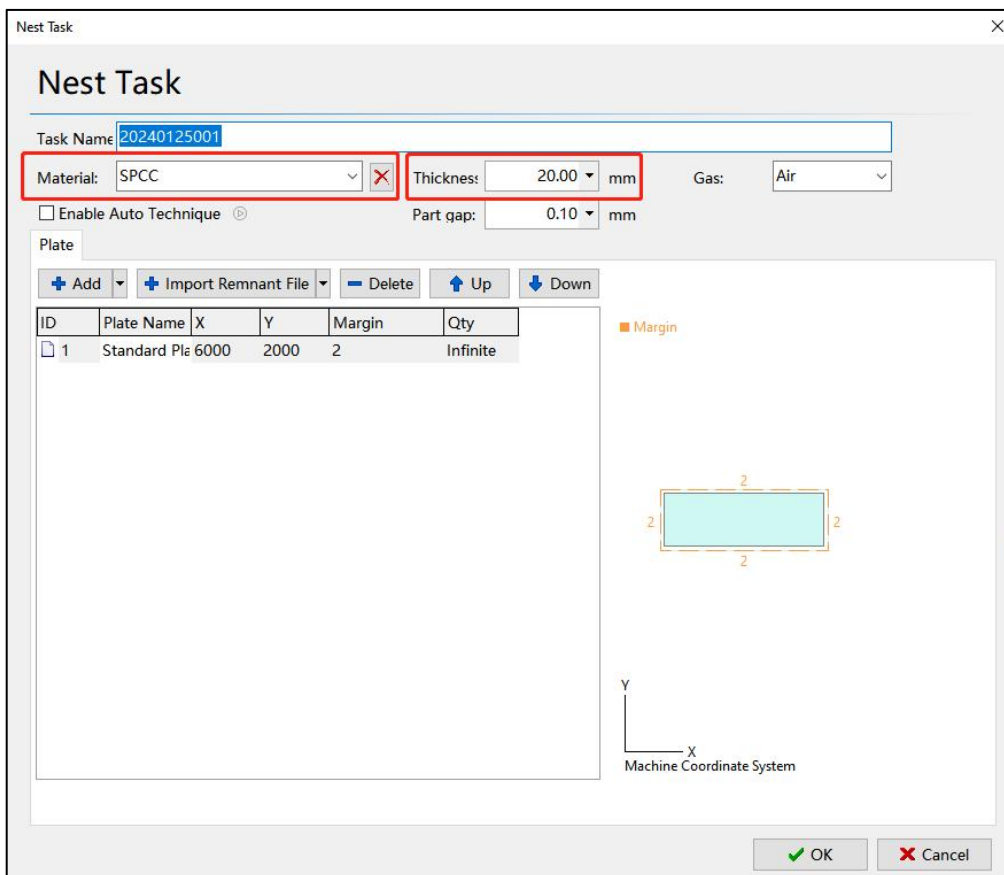


Click OK

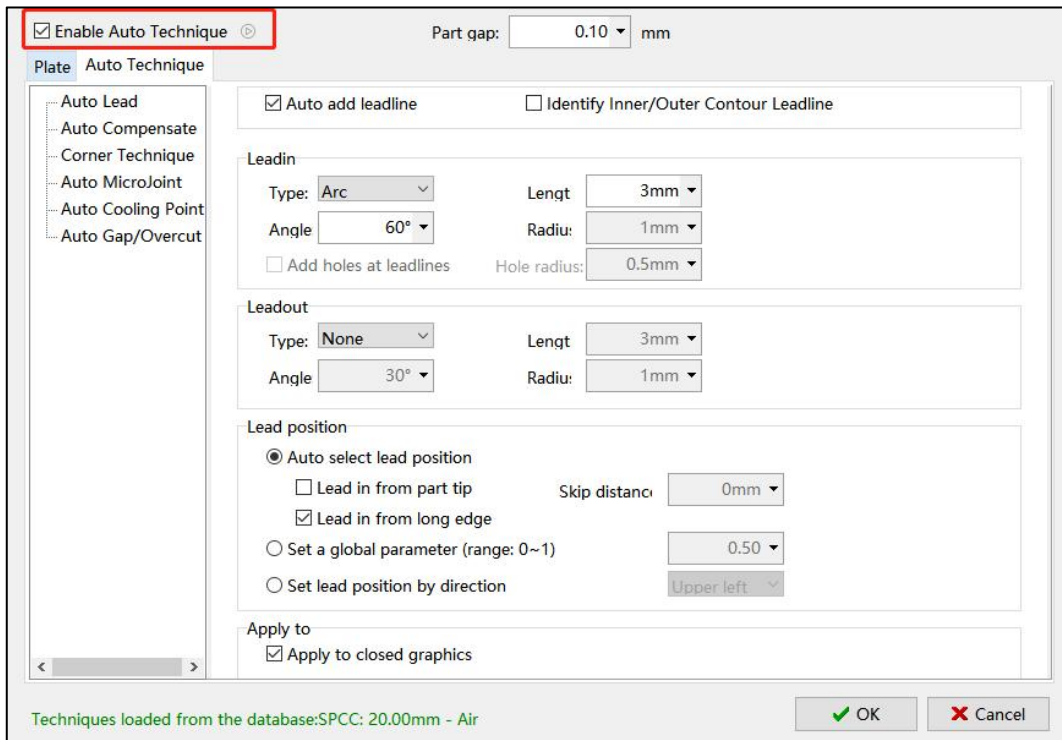
2. Create new nesting task

New Nesting task

When the parts to be nested have only one material and thickness



After checking Enable Auto Technique, user can set the auto technique parameters for leadline, compensation, corner technique, microjoint, cooling point and gap/overcut.



Processing task information:

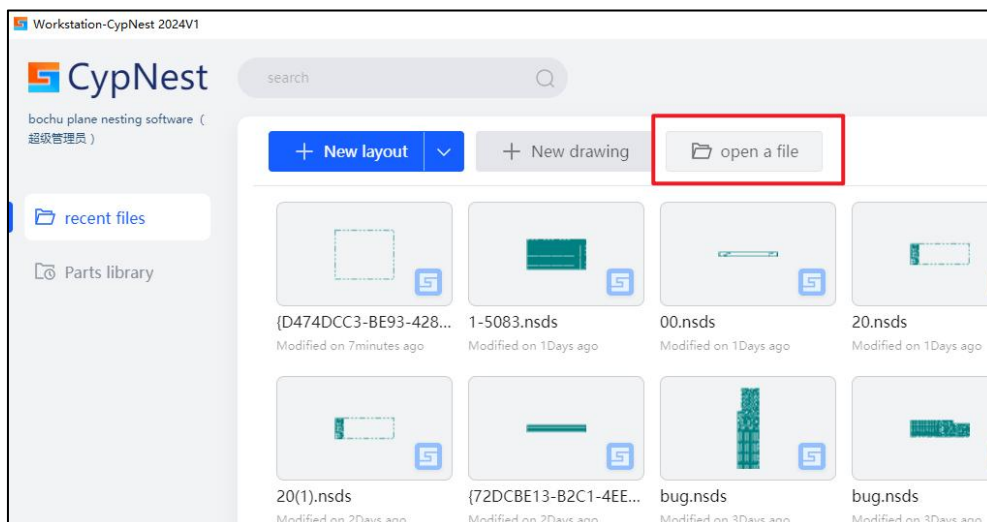
Task name, Plate material, Thickness, Cutting Gas, Part gap

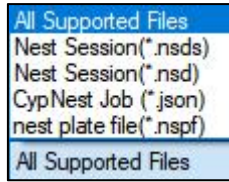
Board information:

Adding and Deleting boards, Importing Remnant File, Order of Plates in the plate list, Size of each plate and Margin.

Open a File

Supported file types to open

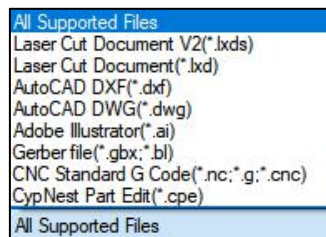
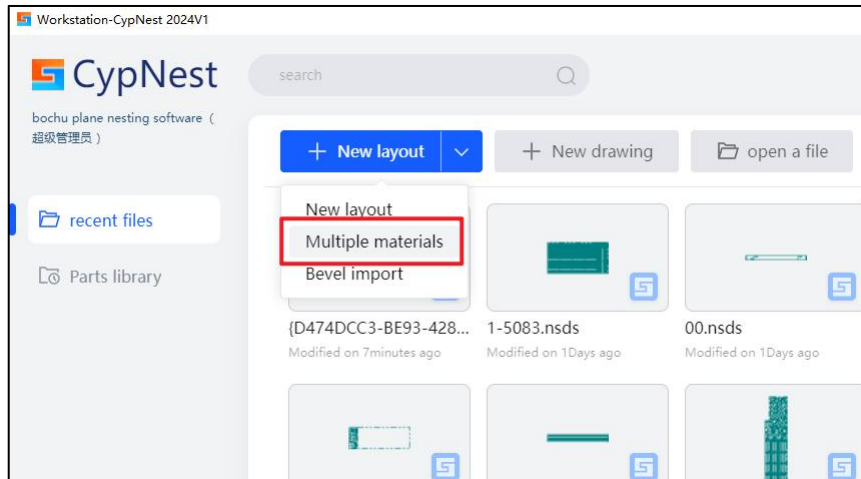




Multi Texture

Part drawings of various materials and thicknesses

Supported file types to open

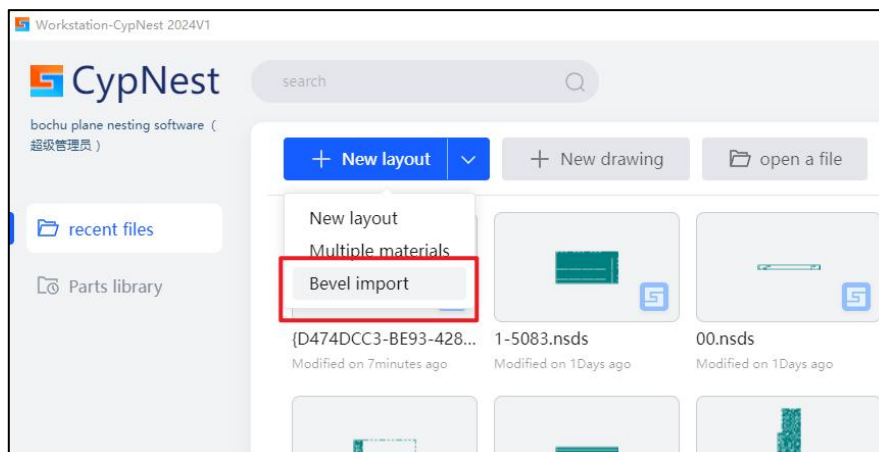


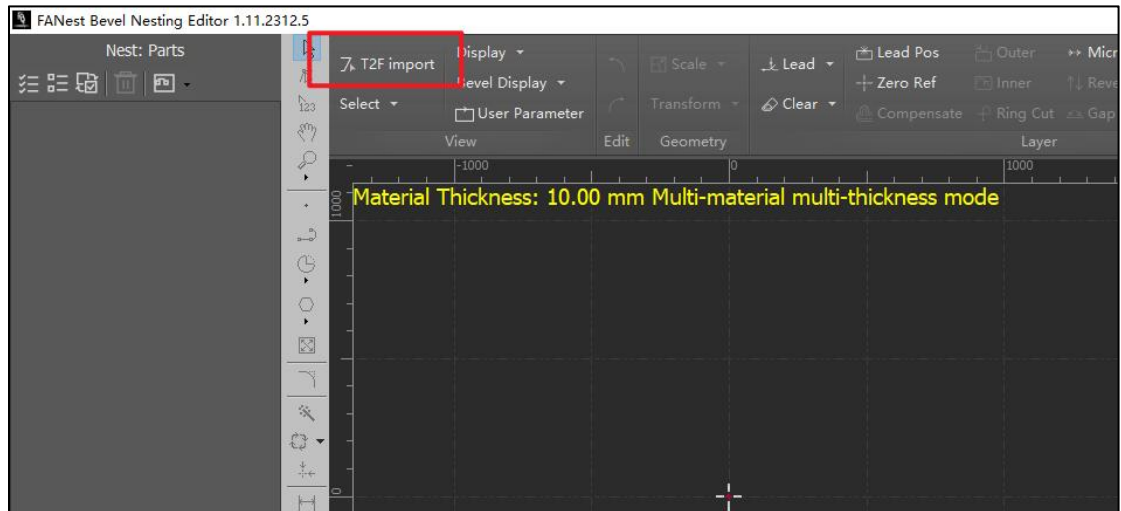
Bevel Import

Import parts with bevels (T2F format file)

Tips: User should subscribe Bevel nesting pack

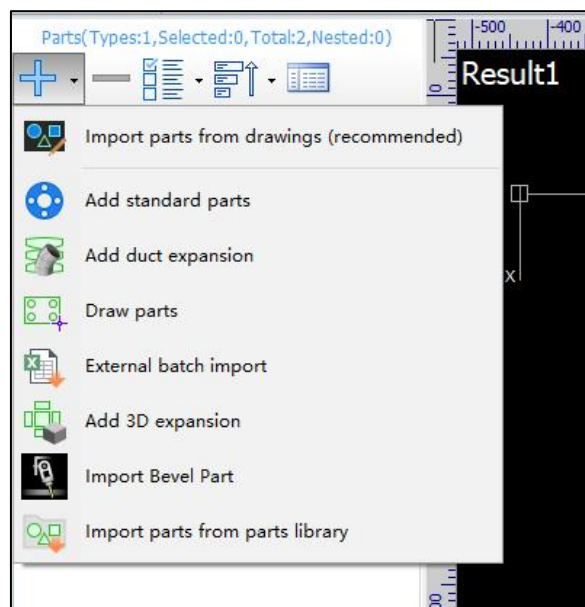
Support Draw parts, import parts, and set bevels





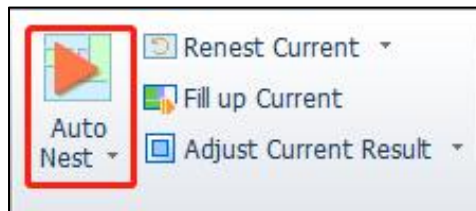
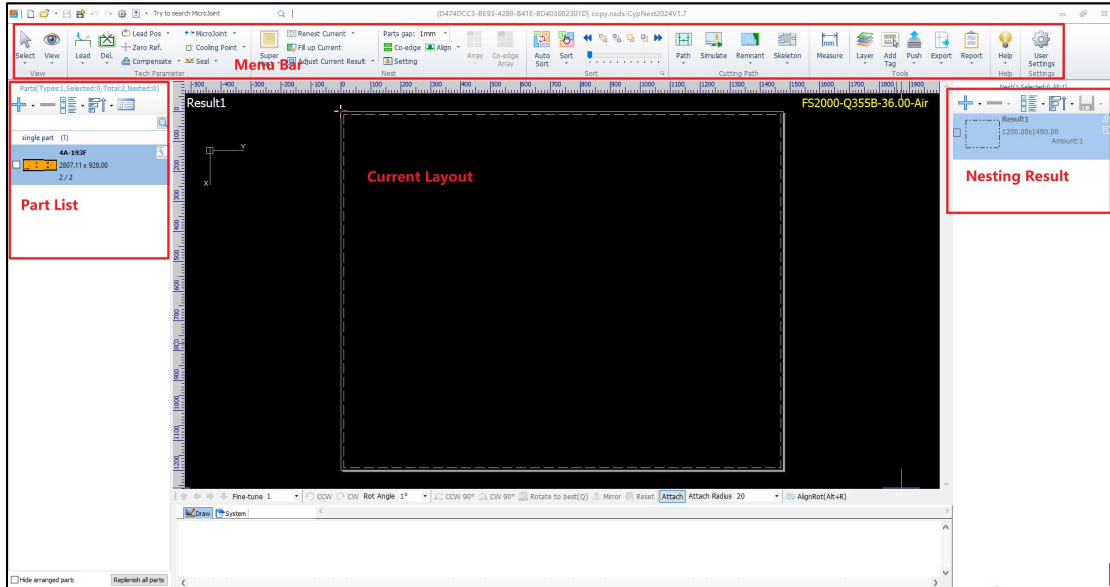
3. Adding parts

There are many ways to import parts, including Importing Drawings, Adding Standard Part, Adding duct Expansion, Drawing Part, Batch import and Adding 3D Unfold.

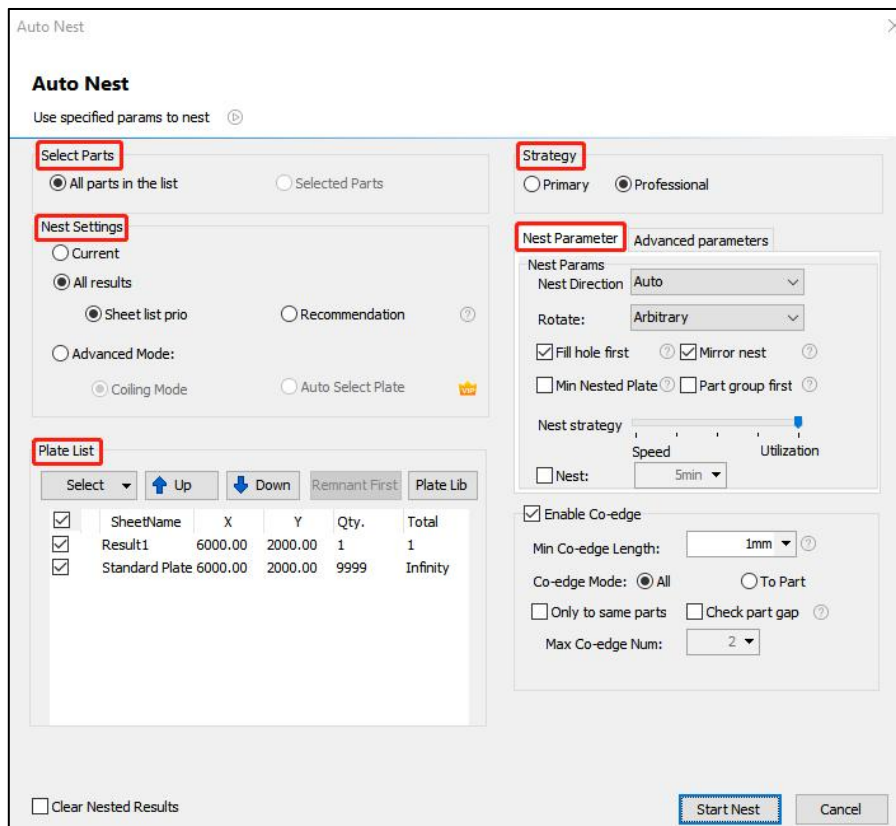


4. Nesting

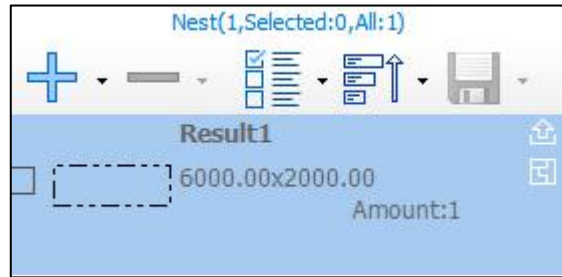
Nesting interface can be divided into four parts: Menu bar at top, Part list on the left, Current layout in the middle and Nesting result list on the right



Click Auto Nest to set the parameters

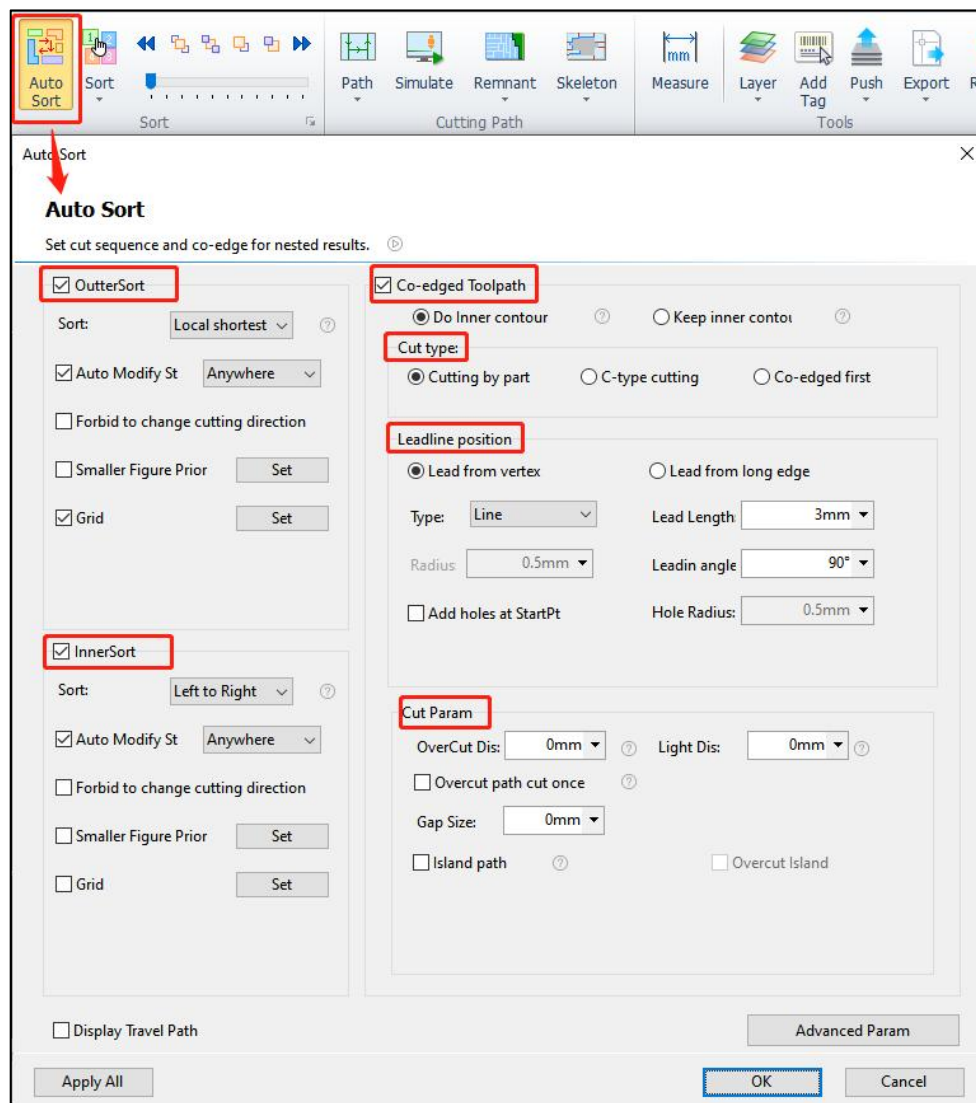


After nesting, the results will be displayed on the Nesting Result list on the right



5. Sorting

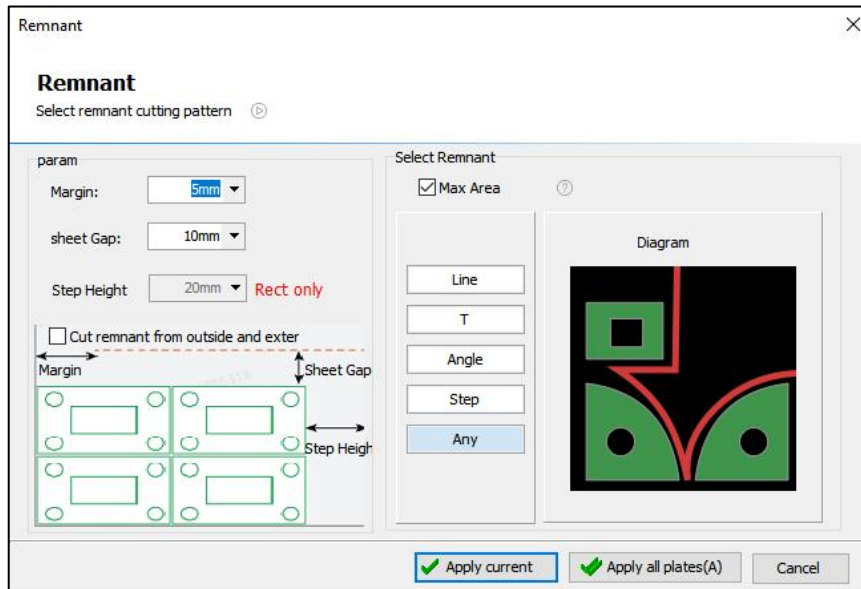
When nesting is completed, you can click Auto Sort to set the cutting order.



6. Remnant and skeleton editing

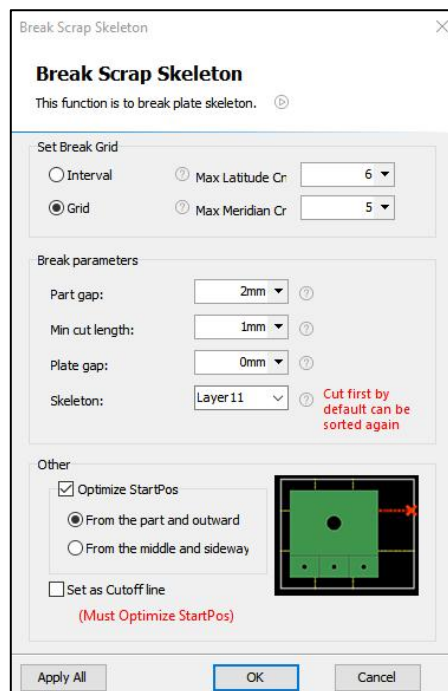
Remnant

If there are large remnants in the layout, you can add the remnant cutting lines and export the drawings to reuse the remnant.



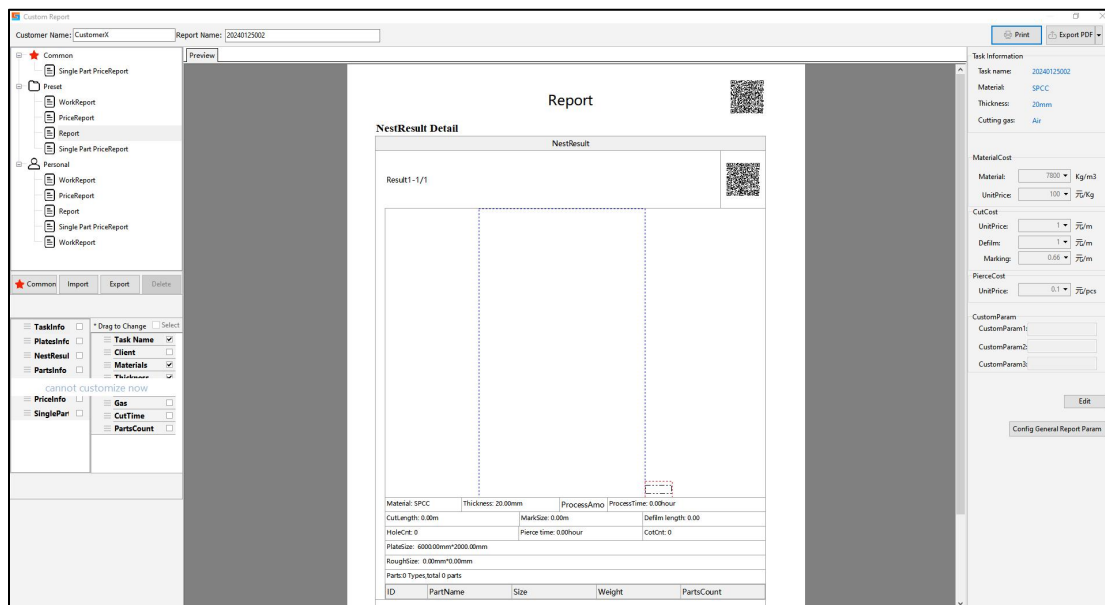
Skeleton

If the remaining skeleton of the sheet metal is too large to handle after cutting the parts, the skeleton function can be used to cut the skeleton into small pieces for easy handling.



7. Report customization

There are different types of reports: WorkReport, PriceReport, Report and Single Part PriceReport. These reports are for the convenience of cutting workers to view part and layout information and clients to check the quotation information.



8. Exporting processing files

Export file format and available versions

CypNest	Cutting software
Nrp	HypCut、CypCut 712.5 and earlier versions 731.5 and earlier versions
Nrp2	HypCut、CypCut Version after 731.5
Lxds	HypCut、CypCut 739 and later versions
Dxf	Exclude Technique, not recommended
Slp	FACut

Differences:

Nrp/Nrp2: Processing task package, with multiple nesting results in one file.

Dxf: Exclude Technique, and it is generally not recommended to export this format.

Lxds: A type of nesting result generates a corresponding file

Slp: Machining files with beveled parts