



# What's New

## in PowerPack for Plant 3D 2024.1



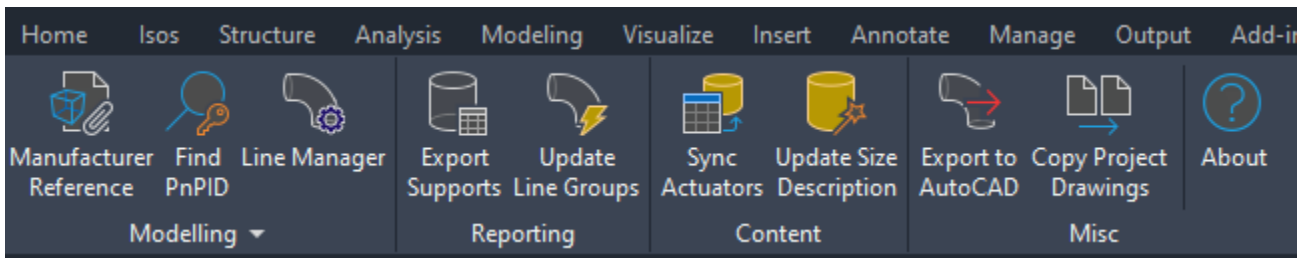
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# 1 Introduction

PowerPack for Plant 3D is a collection of add-ons for Plant 3D that will either fill gaps in the standard tools, simplify a current function or extend its capabilities. The PowerPack for Plant 3D was released earlier this year in the US only.

We are pleased to announce that the 2024.1 version is now available to everyone. This version supports both Plant 2023 and 2024. We have fixed the reported bug and improved the Line Manager tool to help with the creation of Production ISO's.



## 1.1 Installation

The installation consists of a single .msi file.

To install, double-click on the PowerPack for Plant 3D msi file.



Click next to proceed to the license agreement.



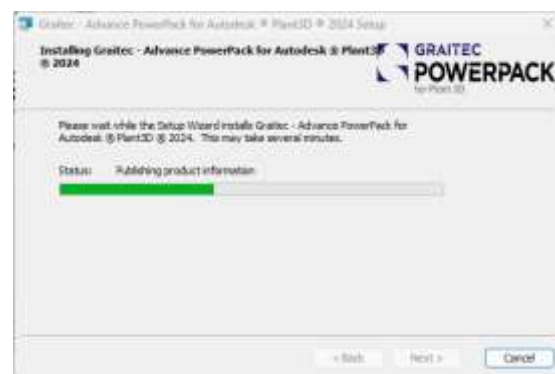
Click to accept the license agreement, then click next to proceed.



Accept the default install location or choose a different one of your choice, then click next.



You have the option to click back and review your settings before clicking install. Once ready click Install.





The Installation process will begin, you can monitor its progress with the status bar. Once the installation has been completed click finish to complete the installation.

## 1.2 Licensing GUI Updates

For the 2024.1 version, there is an update to the GUI of the licensing process. This is the same as previous versions: you will need your license number and activation codes distributed to you via Graitec.

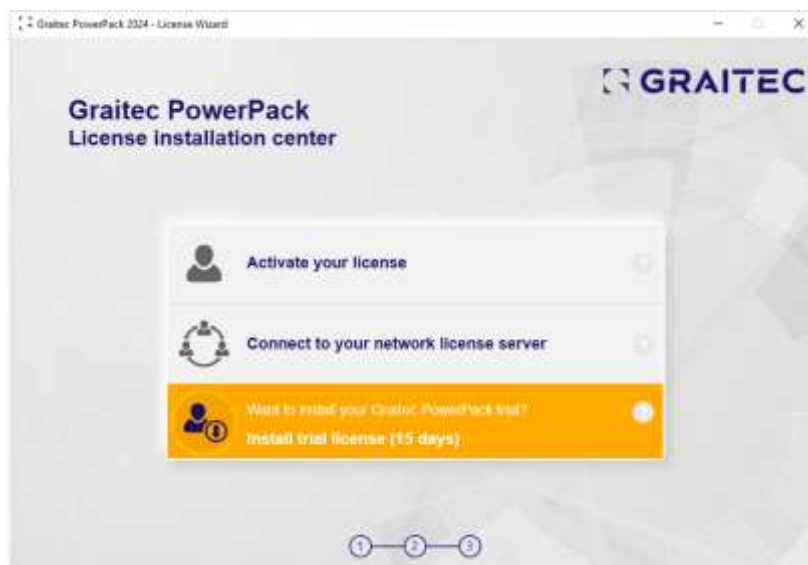
At the activation of any command in the Powerpack, the user will now be greeted with the new licensing pop-up dialog. The enhancements seen here are an opportunity to set the tone for a positive journey on Graitec products and empower you with an intuitive and user-friendly interface.

The License Wizard automatically pops up once any command in the Powerpack is opened and no license has yet been activated. It's the perfect setup for either:

- Give the PowerPack a try by installing the free Trial version. The full product version will be available to you for 15 days once you fill out the registration form.
- Activate the product if you already have a license with a Serial Number and Activation Code.

### 1.2.1 Trial Version Activation

At the opening of the License Wizard, the user will see the default condition selected under the options available. The option is highlighted in Amber and is related to selecting the Graitec PowerPack trial. Choosing this option will then move forward to a second pop-up window.



*The trial license highlighted the first step. 2024.1*

The user will then be prompted to:

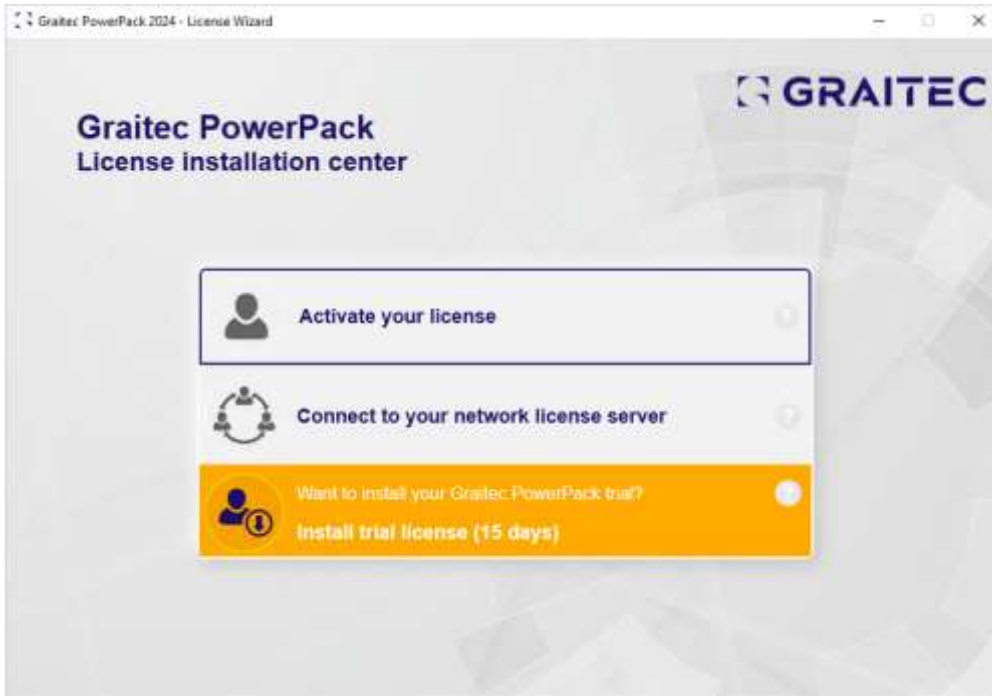
- Give the PowerPack a try by installing the free Trial version. The full product version will be available to you for 15 days once you fill out the registration form.

*Trial License Registration form*

The process will complete with a confirmation pop-up at the end of the activation process.

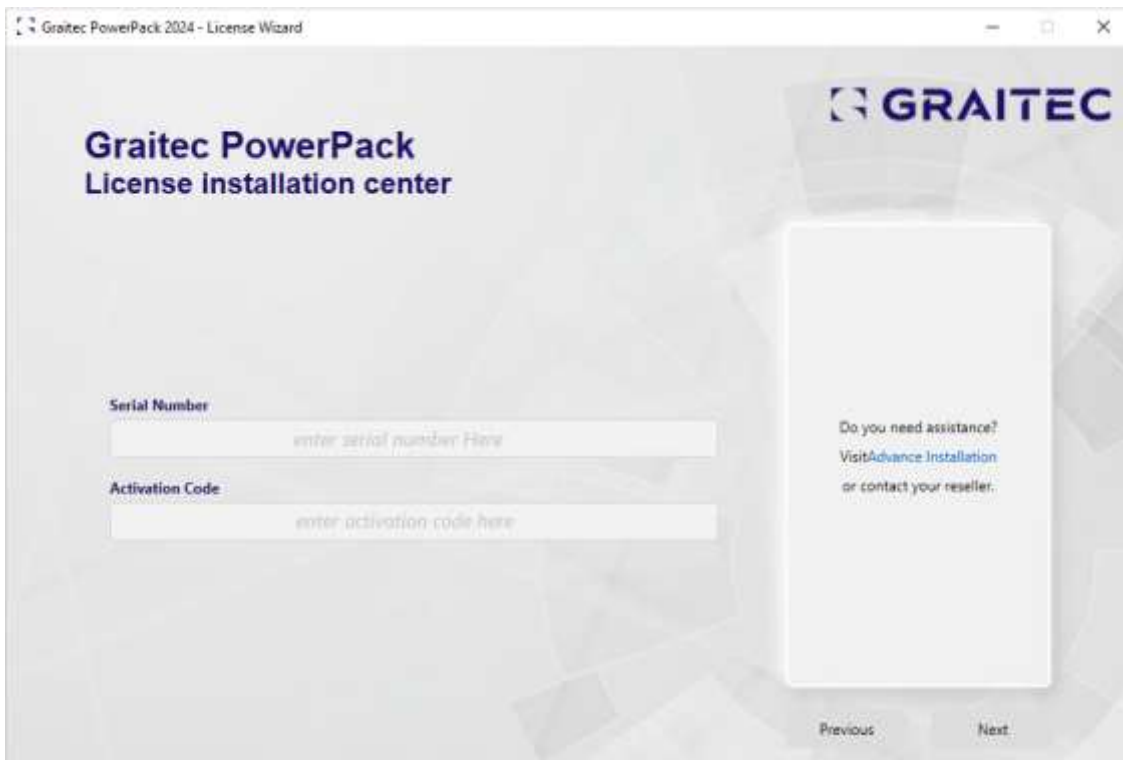
**1.2.2 Activate Your License**

This option is for users who have received their Serial number and Activation code from Graitec. Select this from the first pop-up, by changing from the Trial license option previously mentioned.



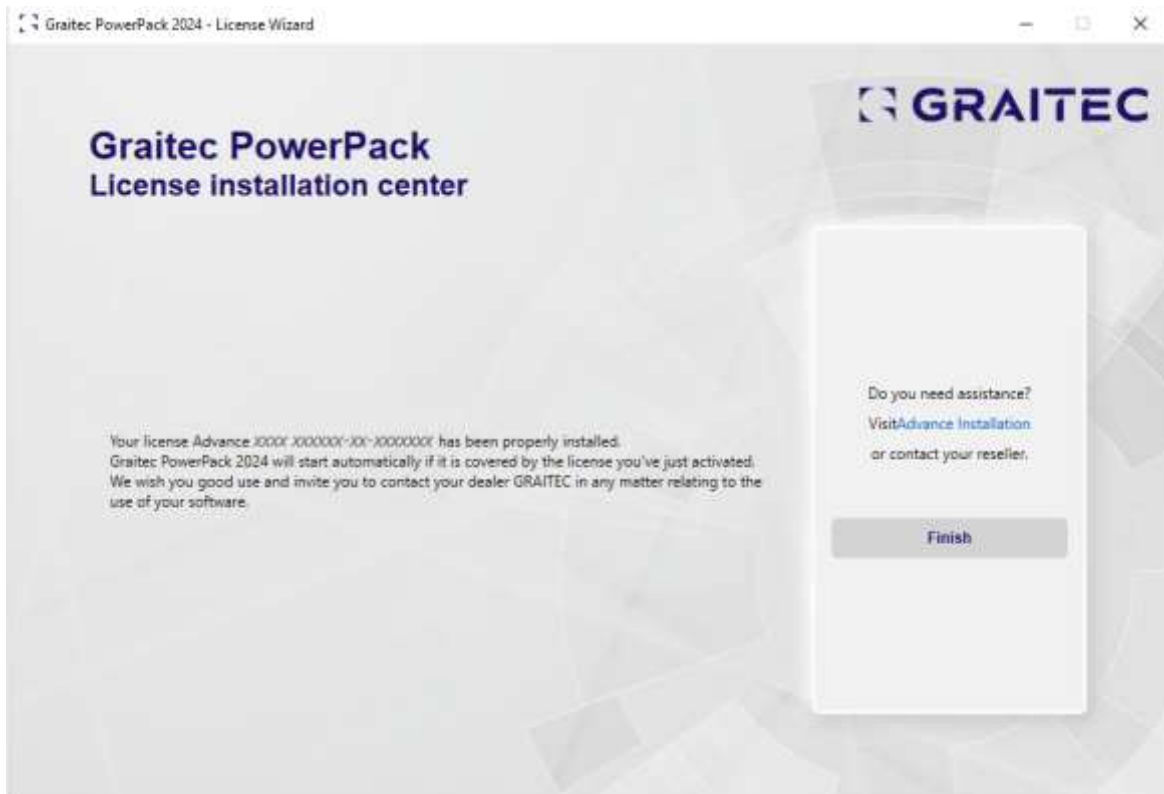
*Activate license: select this option to move into the activation process*

The next dialog appears to enter your license details and copy the information from the Graitec entitlement email.



*New Licensing pop up second Step entering licence details*

The process will be complete, and you will then receive a confirmation pop-up at the end of the activation process.

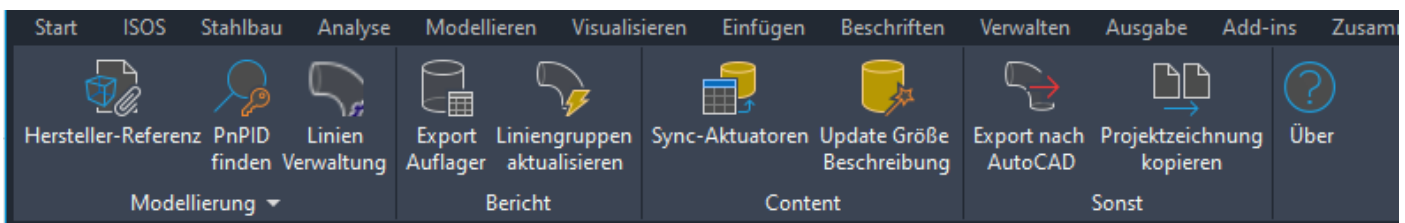


*New Licensing pop-up License activation installed notification.*

The Powerpack license process is now complete, and you may start to use the tools available.

### 1.3 Ribbon Language

In PowerPack for Plant3D 2024.1 the Ribbon is now available in multiple Languages. The Language of the Ribbon is based on the Install language of Plant 3D. The ribbon will automatically change to the language version of the Install.



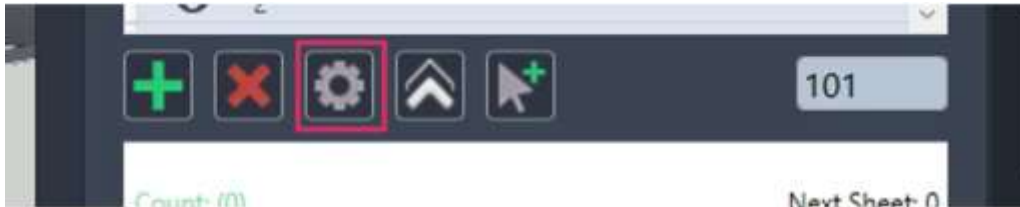


## 2 Line Manager

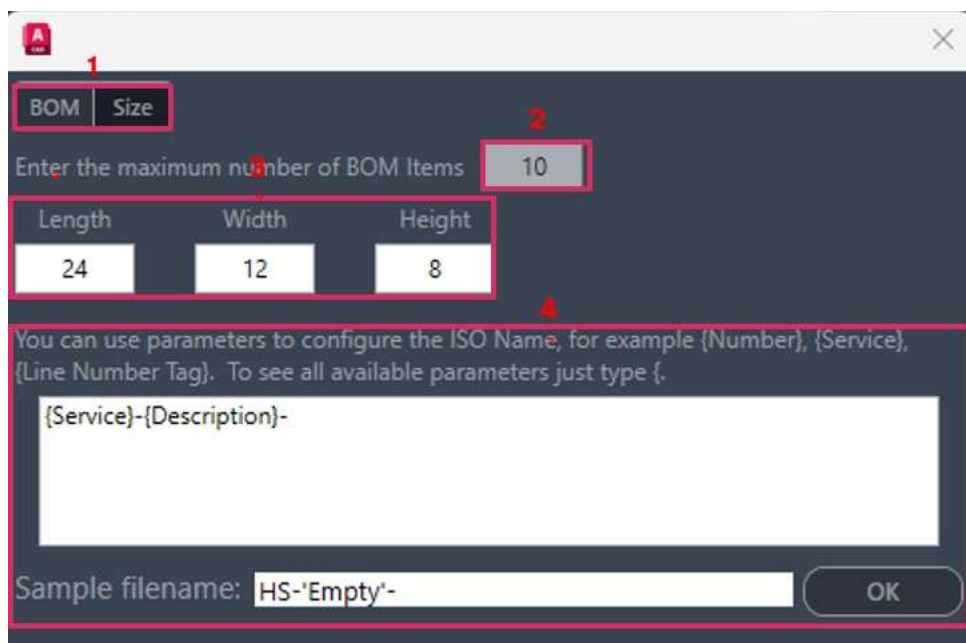
In PowerPack for Plant 3D 2024.1, the Line Manager tool has been enhanced.

### 2.1 Configuration

A configuration button has been added to the Line Manager interface.



Clicking on the Cog will launch the configuration window.

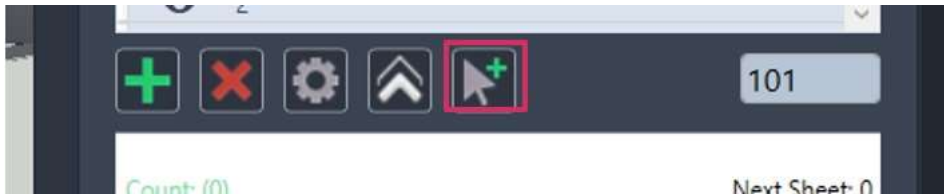


There are several sections in the Configuration Panel.

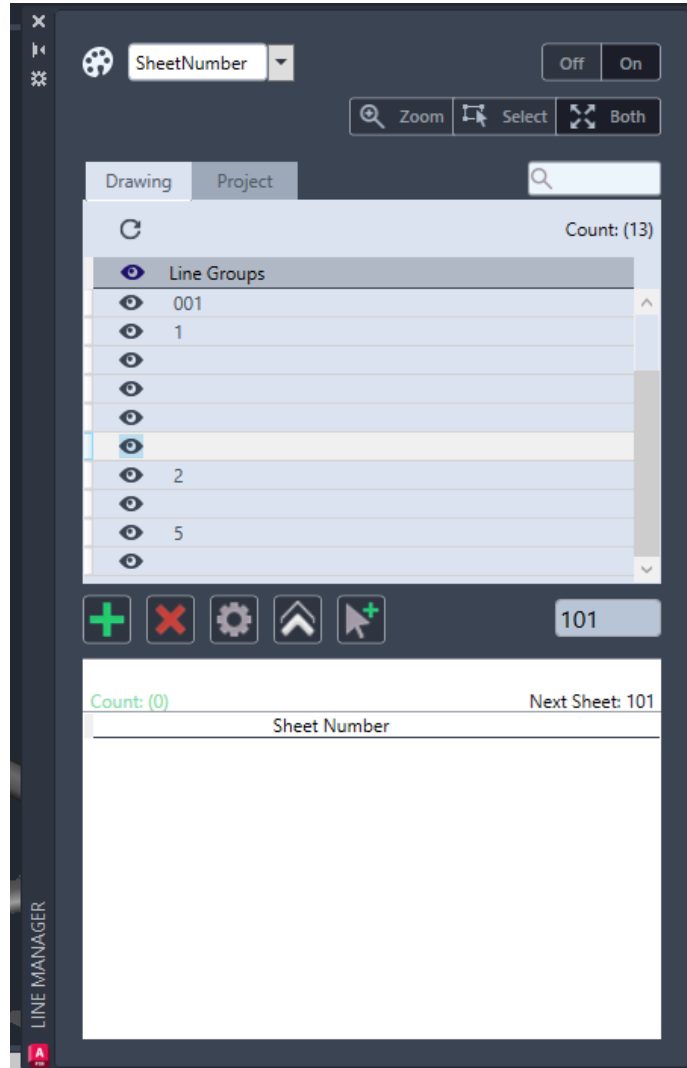
1. BOM/Size relates to the new Autosheet function (Feature Description Below) and allows the user to specify the method used when splitting pipe runs.
2. If Autosheet is using the BOM Method, the maximum number of items in the split.
3. If Autosheet is using Size, what is the maximum size for the Split Length/Width/Height.
4. ISO naming configuration. Typing the { bracket, will display a list of parameters to choose from. An example of the name will be displayed in the Sample filename dialog.

### 2.2 AUTOSHEET

A new tool has been created to control how Line Groups are broken down into Sheets. Line Groups can now be split by BOM (Bill of Material) numbers or by size. Both Options are configured using the new Configuration tool mentioned above.

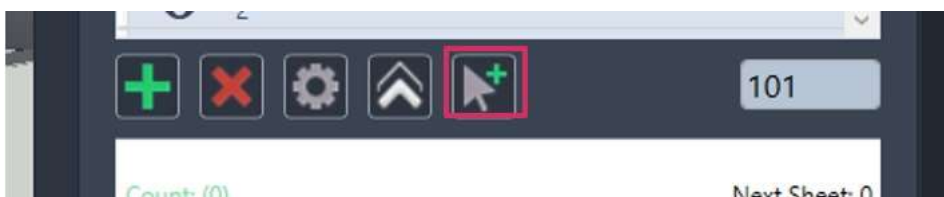


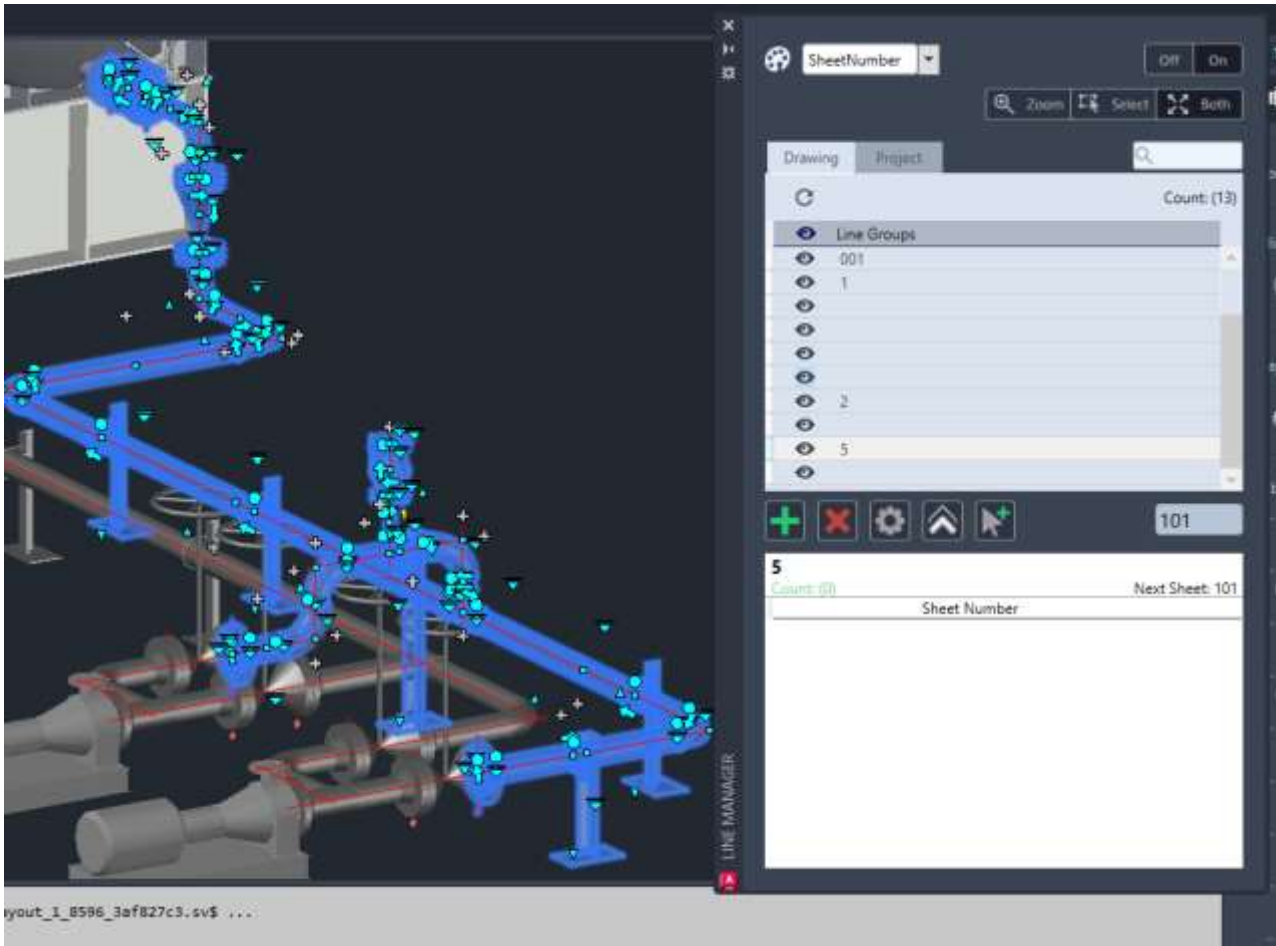
AutoSheet functionality allows for Automatic breakdown of the Line groups in a more controlled manner and is similar to the add sheet function.



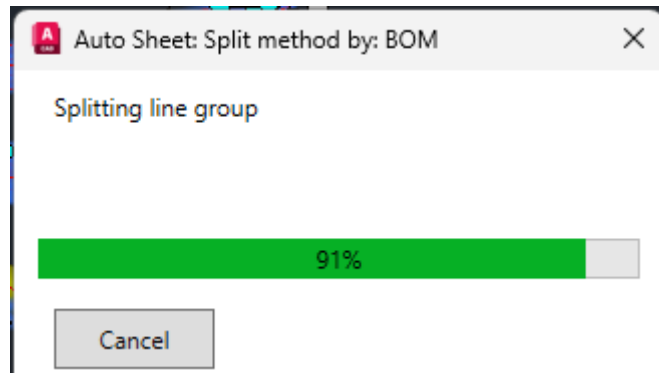
Before using Autosheet, use the configuration button to determine if you are going to split the Line Group by BOM or size. See the configuration tool above.

Now select the line group you want to split and click the Autosheet button.

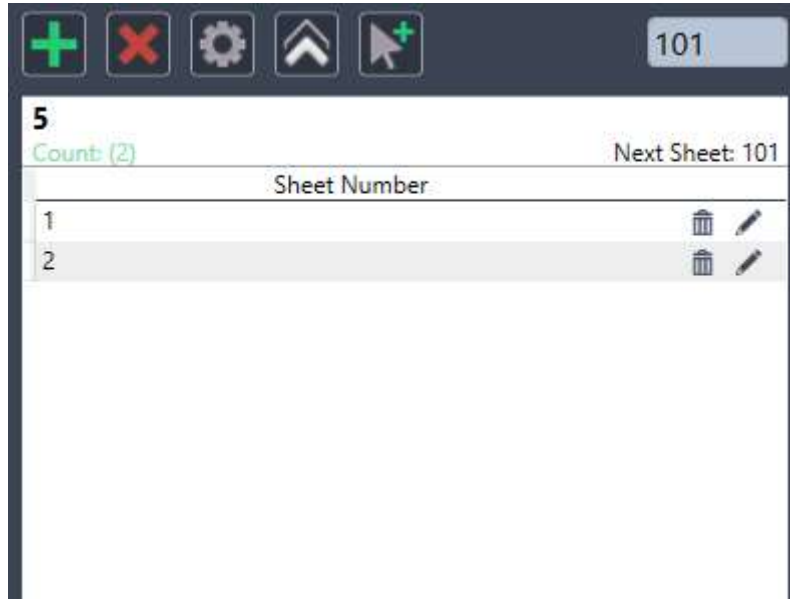




When you choose a splitting method, a corresponding dialog will appear.



In this case, 2 Sheets were auto-created for Line Group 5.



This tool can save hours of manual work by breaking models down into manageable fabrication sizes.

## 3 Enhancements

Along with the new functionality, several functions have been enhanced based on customer feedback.

### ***3.1 Line Manager Colour Scheme***

Line Manager Colour Scheme has been turned off by default. The colour scheme now only works in the model view and does not affect ISO's.

### ***3.2 Copy Project Drawing***

If no Drawings are selected after a project to copy drawings from has been defined. All drawings from the selected project will be copied.

### ***3.3 Line Manager Scroll Bar***

A scroll bar has been added to the line manager to better understand the total number of Line Groups. This is very useful when there is a large amount of un-named Line Groups.

### ***3.4 Tag Field in Pipe Support Export***

An additional column for the support TAG has been added to the Export Pipe Supports. This means it is very easy to identify the support in the Model when cross-referencing it against the Excel file.