

▶ **RELEASE NOTES**

Altair[®] Inspire[™] PolyFoam

2024

New Features and Enhancements 2024

Altair Inspire PolyFoam 2024 includes the following new features and enhancements.

Construction History Viewer

PolyFoam now includes a Construction History window, which you can use to explore variations on your model without creating additional models. For more information, see the help:

https://2024.help.altair.com/2024/polyfoam/en_us/topics/shared/parametric/history/construction_history_c.htm

Rotate Injection Plane

You can now change the injection plane's angle when creating nozzles. For more information, see the help:

https://2024.help.altair.com/2024/polyfoam/en_us/topics/polyfoam/setup/nozzle_define_t.htm

Nozzle Controls

PolyFoam now offers greater control over moving nozzles. You can adjust the turn radius of a nozzle's path, change the speed at which the nozzle moves, and adjust the angle of a nozzle as it travels along its path. For more information, see the help:

https://2024.help.altair.com/2024/polyfoam/en_us/topics/polyfoam/setup/nozzle_define_t.htm

Meshing Preview

You can now preview the resolution of the part's mesh based on current analysis settings before running a full analysis. For more information, see the help:

https://2024.help.altair.com/2024/polyfoam/en_us/topics/polyfoam/analysis/submitting_job_t.htm

Subdivision Mesh

You can now prioritize speed or precision in the Run Analysis window→Preferences tab→Advanced Mesh Options. For more information, see the help:

https://2024.help.altair.com/2024/polyfoam/en_us/topics/polyfoam/analysis/submitting_job_t.htm#submitting_job_t

Specimen Analysis

You can now define one or more three-dimensional zones of interest in your model and get analysis results for them in the Analysis Explorer. For more information, see the help:

https://2024.help.altair.com/2024/polyfoam/en_us/topics/polyfoam/analysis/submitting_job_t.htm

and

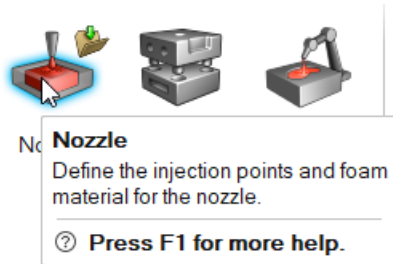
https://2024.help.altair.com/2024/polyfoam/en_us/topics/polyfoam/analysis/results_review_t.htm

Learn More About Inspire PolyFoam

You can learn more about new and existing features in Inspire PolyFoam using the following resources:

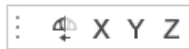
In-Application User Assistance

Inspire provides two types of user assistance. **Enhanced tooltips** appear when you hover over icons and other features. They describe what the tool does.



Workflow help appears when you select a tool that opens a guide bar or microdialog. The text prompts you what to do next.

Position the plane, then click on the plane to define the nozzle path or fixed location.



Click to view additional tips and shortcuts. Some tools also include a video .

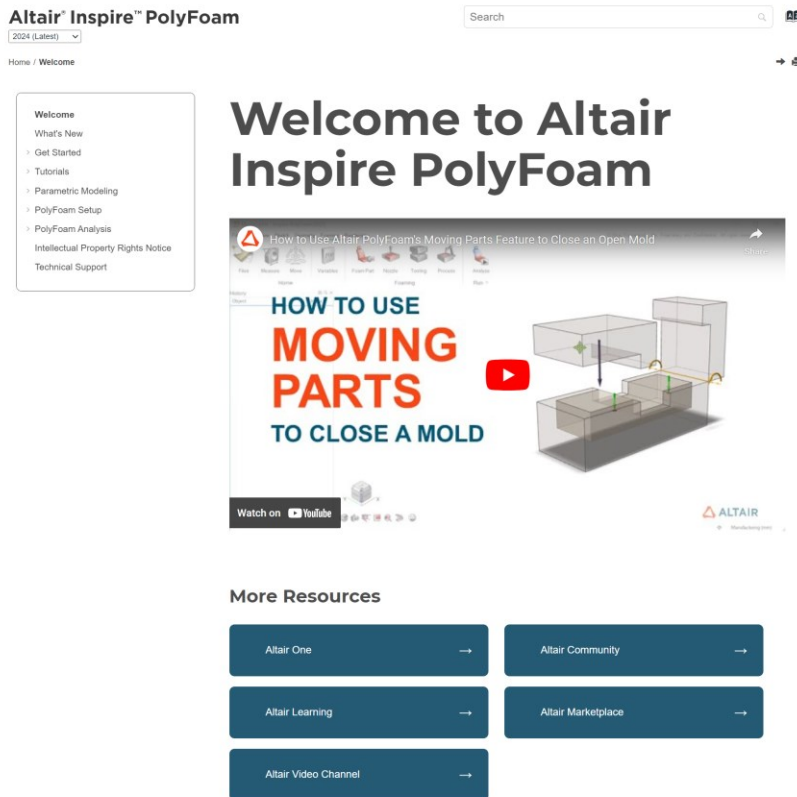
Position the plane, then click on the plane to define the nozzle path or fixed location.

The default nozzle is fixed in place. To define a path for a moving nozzle, select the Path option in the microdialog, then left click on the plane to place the points of the path. Right click to end the path.

- Define the nozzle path or location
- End and confirm a moving nozzle path
- F1** Show Help

Online and Offline Help

Press **F1** or select **File > Help > Help** to view the online help.



You can download an offline version by selecting **File > Help > Download Offline Help**. An internet connection is required to download.

