RELEASE NOTES

Altair® Inspire Mold™ 2025

New Features and Enhancements 2025

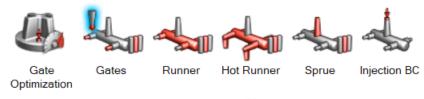Altair Inspire Mold 2025 includes the following new features and enhancements.
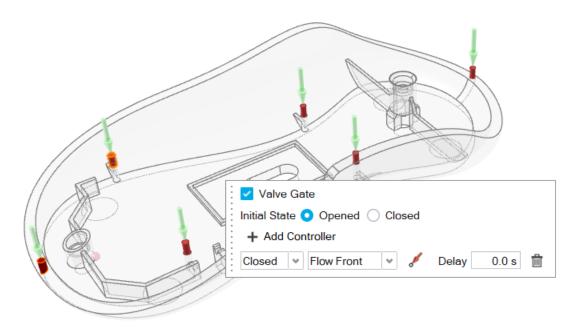
Release Highlights

The new hybrid solver in Inspire Mold 2025 delivers faster, more robust, and more accurate results, especially when considering fiber-reinforced materials..

New Features and Improvements

Valve Gates Update

You can now designate virtual gates as valve gates even if no hot runner system exists.
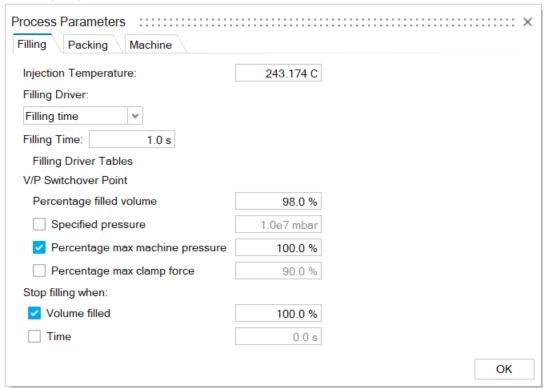
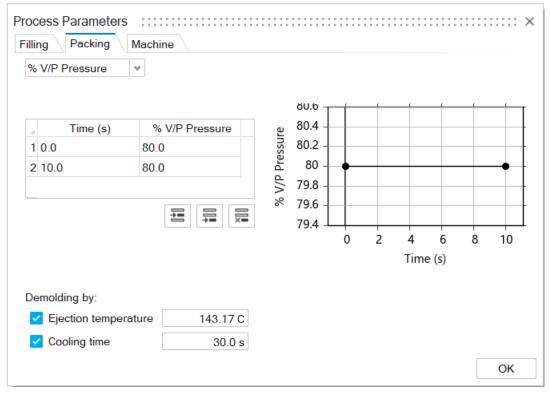

See Gate in the Help for details.

Process Parameters Update

In the Process Parameters window:
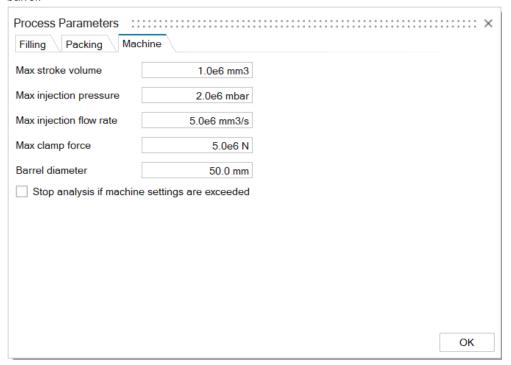
- The Filing stage has a dedicated tab.

- The Packing stage has a dedicated tab.

- The Machine tab includes a new Barrel Diameter field where you can specify the maximum interior diameter of your machine's barrel.

For details on this update, see Process Parameters in the help.

Connect Fibers with Warpage

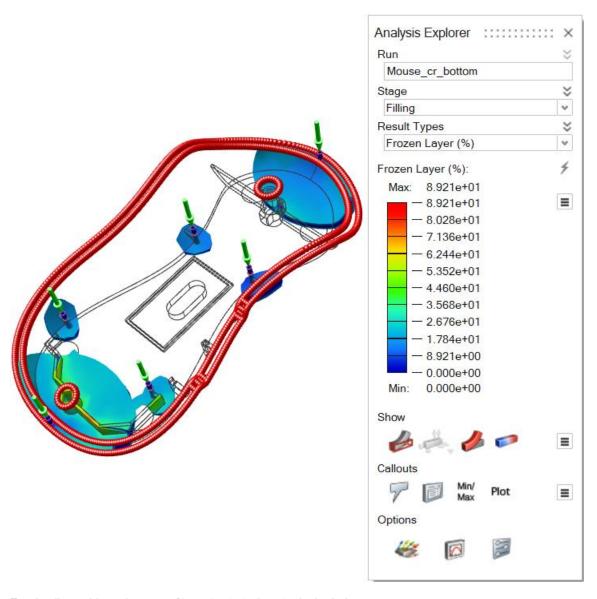Now you can run a warpage analysis using materials with fibers.

For details on this update, see Run Analysis in the help.

Frozen Layer % Result

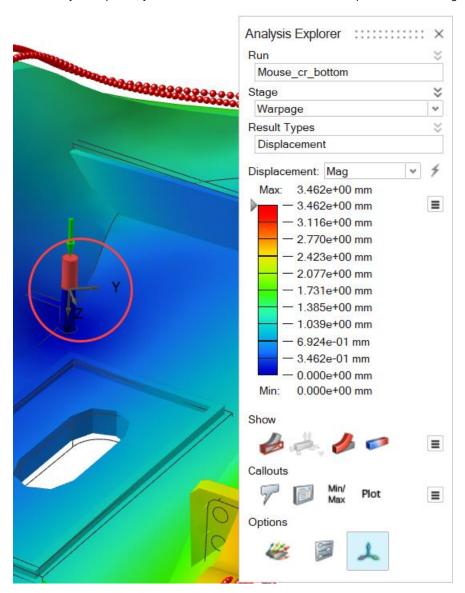The Frozen Layer % result is now available in an advanced analysis.

For details on this update, see Show Analysis Results in the help.

Warpage Comparison

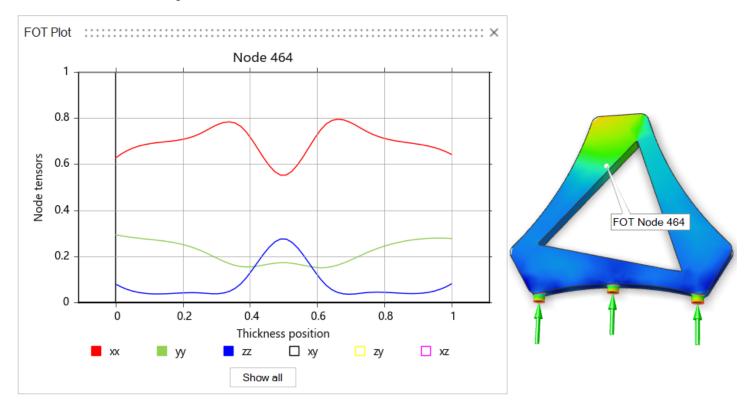In the analysis explorer, you can now create a custom reference point when viewing warpage results.

For details on this update, see Show Analysis Results in the help.

Result Plot

A new option has been added in post process that will allow you to make plots of results like filled volume, pressure at injection, clamp force and % frozen when using fibrous materials.

For details on this update, see Show Analysis Results in the help.

Resolved Issues

- Gates are now included in hot runner model parts. [INSMOLD-2763]

Learn More About Inspire Mold

You can learn more about new and existing features in Inspire using the following resources:
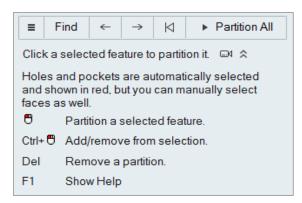
In-Application User Assistance

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.
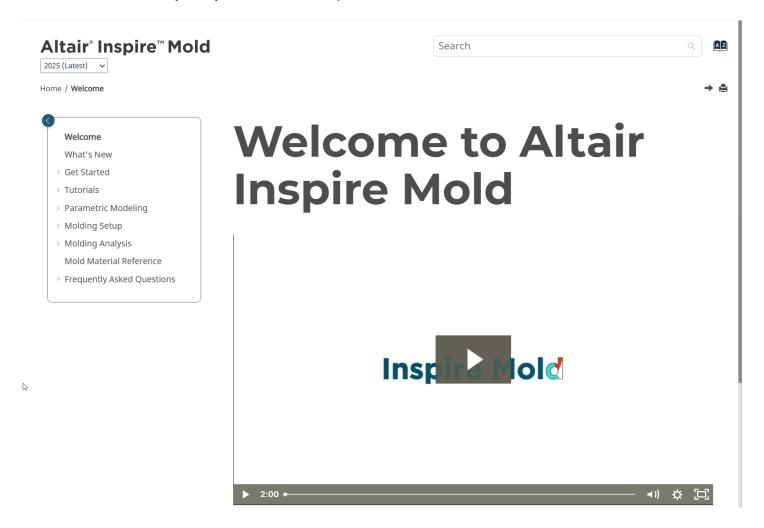

Click to view additional tips and shortcuts. Some tools also include a video .

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.