

 **RELEASE NOTES**

Altair[®] Inspire[™] Mold

2022.2 and 2022.2.1

New Features and Enhancements 2022.2

Altair Inspire Mold 2022.2 includes the following new features and enhancements.

Construction History Integration

Inspire Mold now includes a construction history tool. All the actions and components generated inside the application will be stored and can be edited through the construction history browser. To activate this option press F6.

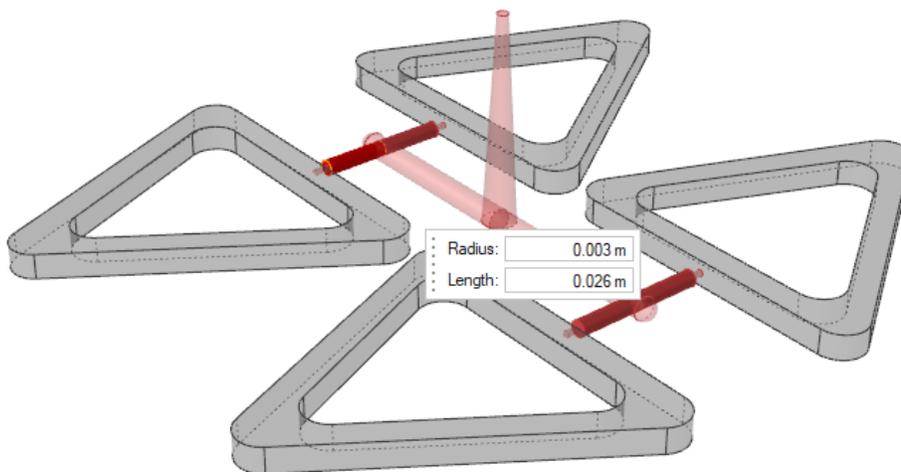
Object	Index
CAD Import 1	1
Designate Molding Parts 1	2
Create Gate 1	3
CreateAutomaticRunnerSystem...	4
Create Mold 1	5
Create Inserts 2	6
Create Cooler 1	7

New Runner Editor

The runner tool is now much more user-friendly. You can now modify the different parts of the runner by directly clicking on them.



Num. of cavity Section Injection point



Simulations Can Now Run Remotely Through MPI

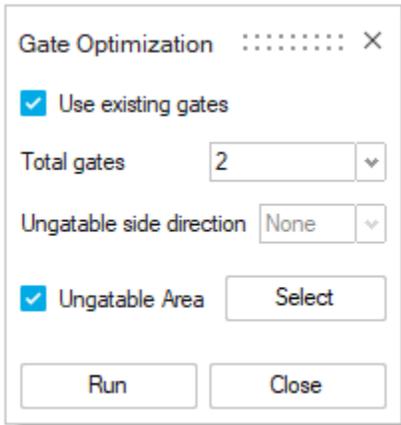
This release allows remote job submission using MPI. To configure MPI options go to preferences window.

Remote Run Options

Remote type	MPI
Number of SMP CPU threads	1
Number of MPI CPU cores	1
Minimum free memory (MB)	1024

New Options for Gate Optimization Tool

The gate optimization tool has been updated to avoid gate creation on undesired directions or surfaces.

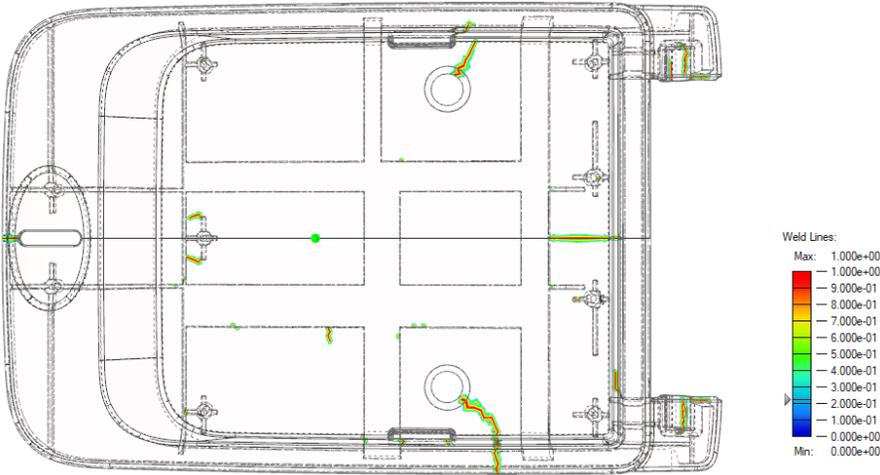


Sink Mark Result for Fast Analysis

Sink marks are now included in the fast analysis results, providing sink mark data in just a few seconds.

Weld Lines for Fast Analysis

Weld lines are now included in the flow pattern results, providing weld line data in just a few seconds.



Molding Window Analysis Settings

You can now select settings for molding window analysis.

Configure Molding Window ⋮ ⌵

	Min	Max
Melt Temperature	193.174 C	343.174 C
Mold Temperature	26.85 C	51.85 C
Fill Time	0.99 s	39.6 s

Restore defaults

Save
Close

Online Help

Dark Theme for Online Help

Use the button in the footer to toggle between dark and light themes.

Note: Firefox does not support dark theme for locally installed help files.

Version Navigator for Online Help

Navigate to other versions of the Altair Simulation online help.

Note: This feature is not supported in locally installed help files. Online help for previous releases does not have this feature and remains unchanged.

Cookie Consent

The help footer now contains a cookie consent option. Click the link to review and revise your settings.

New Features and Enhancements 2022.2.1

Resolved Issues

- Fixed an issue with the hot runner temperature [CMG-1935]
- Added missing translations [CMG-1928]
- Fixed a warpage issue with multiple cavities [CMG-1936]
- Fixed an issue with molding part initial temperature [CMG-1962]

Learn More About Inspire

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

In-Application User Assistance

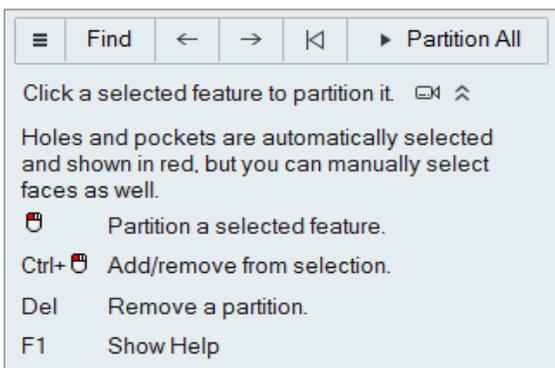
Inspire provides two types of user assistance. **Enhanced tooltips** appear when you hover over icons and other features. They describe what the tool does.



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

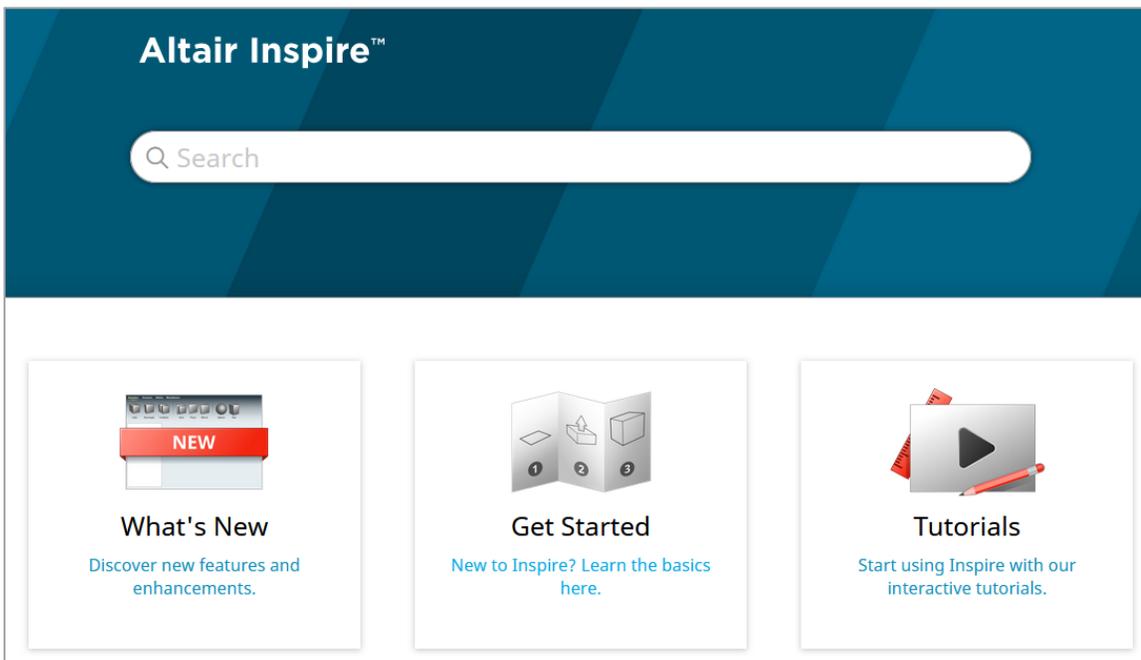


Click to view additional tips and shortcuts. Some tools also include a video .



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.

