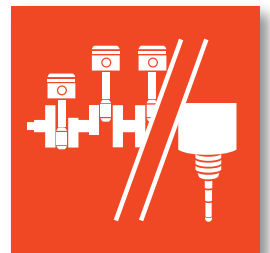
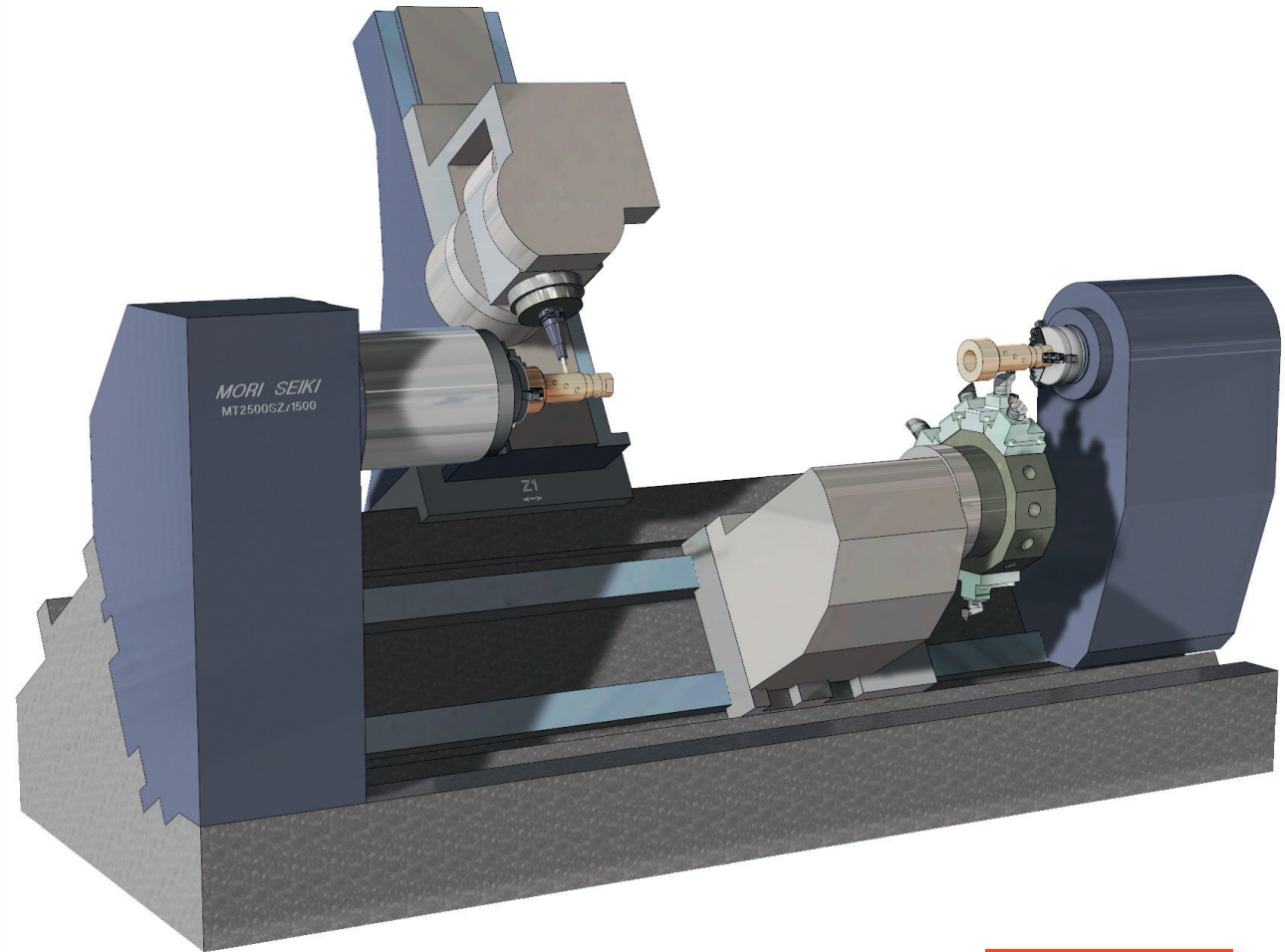


TopSolid

Cam

- › **NEW ROLL-IN APPROACH STRATEGY**
Increase the lifetime of your tools with the new roll-in approach strategy!
- › **AN EVEN MORE EFFICIENT ANTI-COLLISION ENGINE**
Save time with the new high-performance collision analysis mode!
- › **TOOLPATHS ACCORDING TO THE CAPACITY OF YOUR TOOLS**
Stop wasting your time. TopSolid'Cam can now do the job for you automatically!
- › **EASIER PART TRANSFER AND PULLING IN MILL-TURNING**
Easier programming, with dedicated features that are very easy to use!
- › **COMPLETE AUTOMATION OF YOUR MACHINING PROCEDURE**
Take the automation of your machining programs to an even higher level!

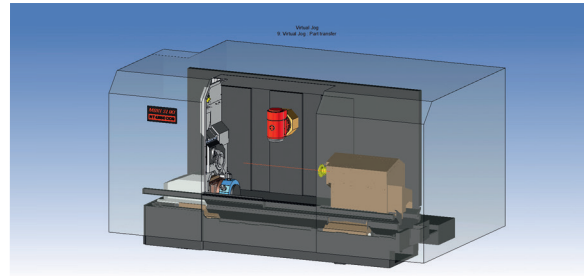


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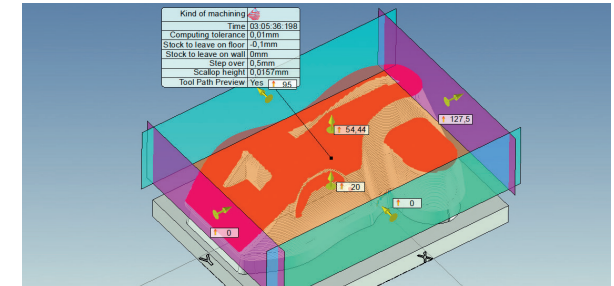
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› PART TRANSFER AND MOVEMENT

Three new part movements have been created to facilitate part transfers and to allow parts to be pulled.

- **Approach to hold part** : this option automates and facilitates the approach of the sub spindle to the main spindle in order to hold the part.
- **Part pulling** : this option now enables the part to be pulled with the sub spindle.
- **Part transfer** : this option automates and facilitates part transfers from the main spindle to the sub spindle.

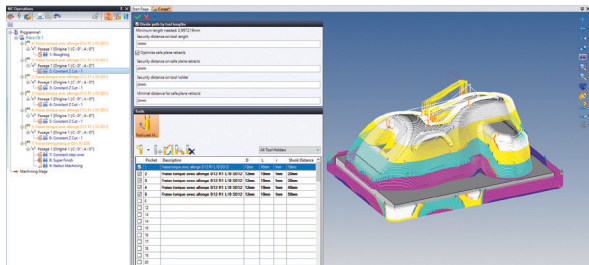


› AN EVEN MORE EFFICIENT ANTI-COLLISION ENGINE

A new high-performance collision analysis mode has been built into drilling operations, 2D and 3D milling operations.

This analysis controls collisions between the finished part and the complete tool.

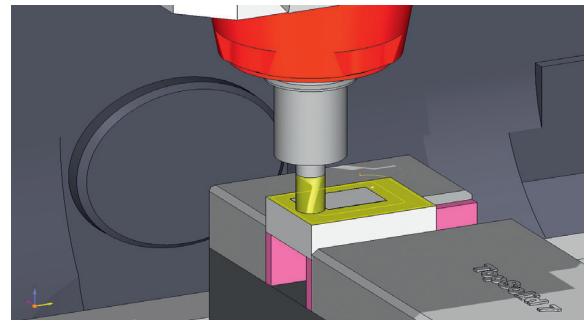
Its rapid execution makes it very useful when predicting collisions, even in complex machining strategies.



› OPTIMIZATION OF MACHINING TOOLPATHS ACCORDING TO THE CAPACITY OF YOUR TOOLS

The option to divide the toolpath into usable tool lengths automatically divides a machining operation into "n" machining operations according to a selected list of tools with different tool lengths.

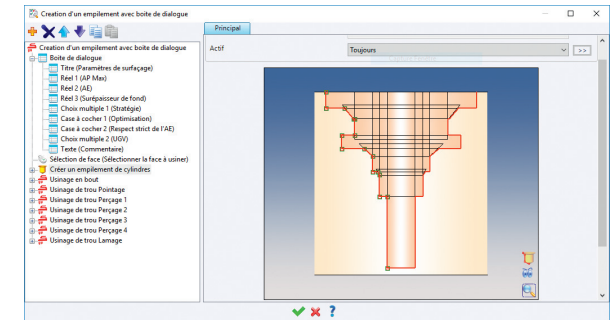
Each machining zone is determined according to the length of the tool and the diameter of its attachment.



› ROLL-IN APPROACH STRATEGY

This new approach strategy allows for soft entries into the material.

In this way, the lifetime of cutting tools is extended by avoiding shocks when entering the material.



› COMPLETE AUTOMATION OF YOUR MACHINING SEQUENCE

A new drilling cycles and cylinders stacking feature has been added to the general milling/turning methods.

You can now create and save complete jobs list that can be automatically applied to your new parts.