



## TOPSOLID'CAM

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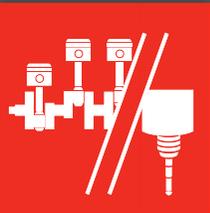
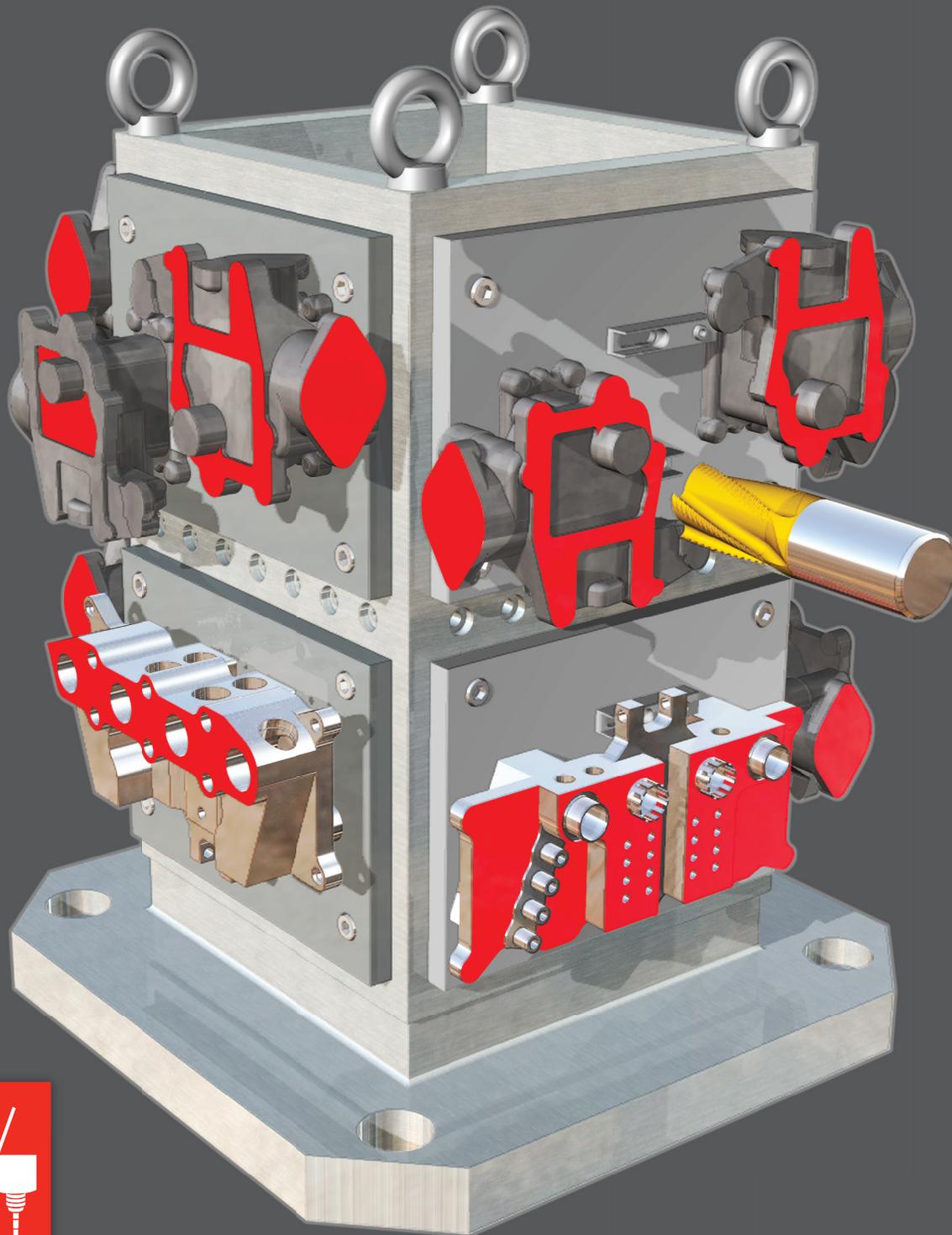
Tools that last longer: Take account of the volume of material removed when turning and milling.

Take the automation of production even further: design and group machining programs for different parts in a single program.

The geometries produced by a digitalization process can be 3D-machined without modeling and with a very fast algorithm.

Save even more time and boost your productivity thanks to more than 100 improvements in the new version of TopSolid'Cam.

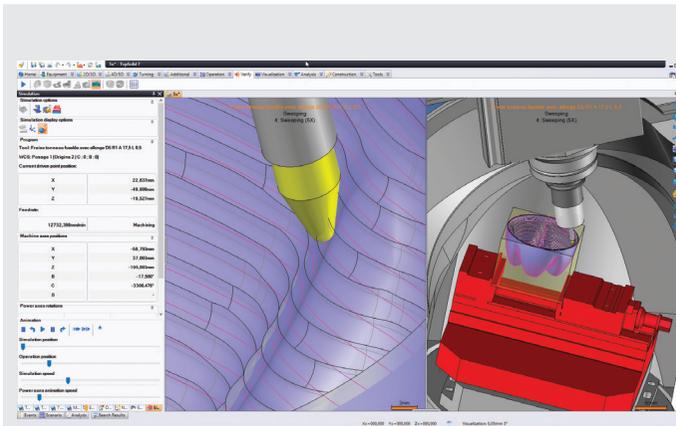
[www.topsolid.com](http://www.topsolid.com)





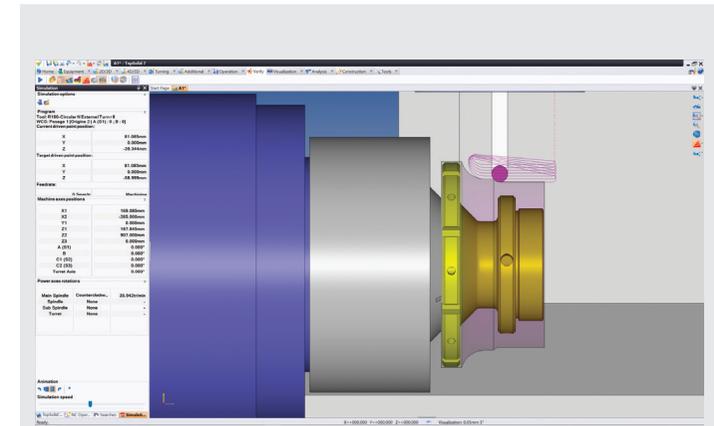
# CHECK OUT WHAT'S NEW

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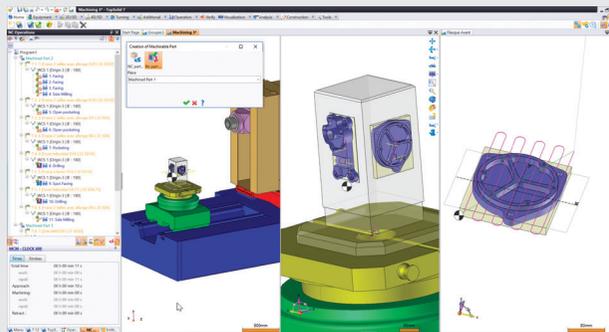
## BARREL CUTTERS

Significantly reduce the number of passes with the new barrel cutters. Barrel cutters (Emuge Franken, Fraisa, etc.) are used to produce superior slightly curved shapes, considerably reducing the number of passes in the 5-axis path. TopSolid'Cam can calculate the new paths using this type of cutter (5-axis, 3-axis to 5-axis, 5-axis sweep).



## DYNAMIC MACHINING FOR TURNING

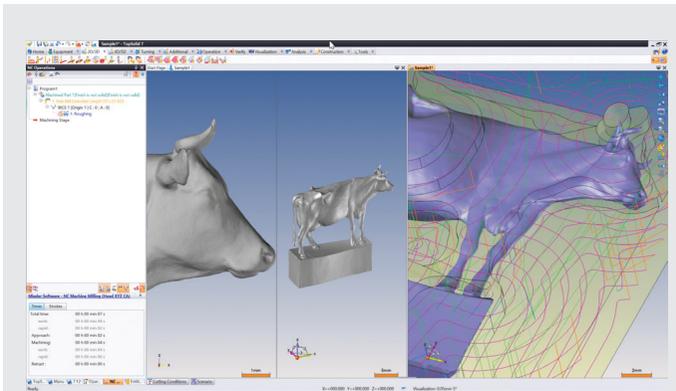
Tools that last longer. Take account of the volume of material removed when turning and milling. Dynamic machining does everything possible to keep a constant volume of removed material during machining. After having successfully introduced dynamic machining for milling in the preceding version, TopSolid'Cam now offers this important innovation for turning too.



## ASSEMBLING MACHINING PROCEDURES IN A SINGLE PROGRAM

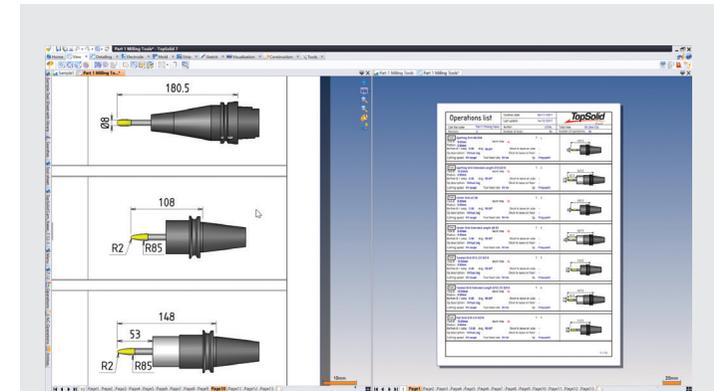
Take the automation of production even further: design and group machining programs for different parts in a single program.

Machining procedures can now be assembled in a single final program with TopSolid'Cam. Operating procedures developed elsewhere can also be sent to a single machine and post-processed at the same time. You can also segment the design of your highly complex procedures, by breaking them down and reassembling them as many times as you like.



## MACHINING SCANNED MODELS

The geometries produced by a digitalization process can be 3D-machined without modeling and with a very fast algorithm. More and more objects in the digital chain come from digitalization processes (2D or 3D scans, meshing of CAD geometries). This new functionality can now be used to machine them without having to model them again with the CAD functions. Thanks to the new hybrid-modeling functions of the geometric core, a set of facets can be 3D-machined rapidly.



## COMFORT AND USABILITY OF TOPSOLID'CAM

Save even more time and boost your productivity thanks to more than 100 improvements in the new version of TopSolid'Cam.

To mention just a few improvements, you will save a lot of time by dragging and dropping cutting tools from a library, or by automatically enhancing your dimensioning tools and materials properties files, or by freezing operations to avoid having to calculate them again. Don't miss it! This new version also offers very significant gains in processing performance.