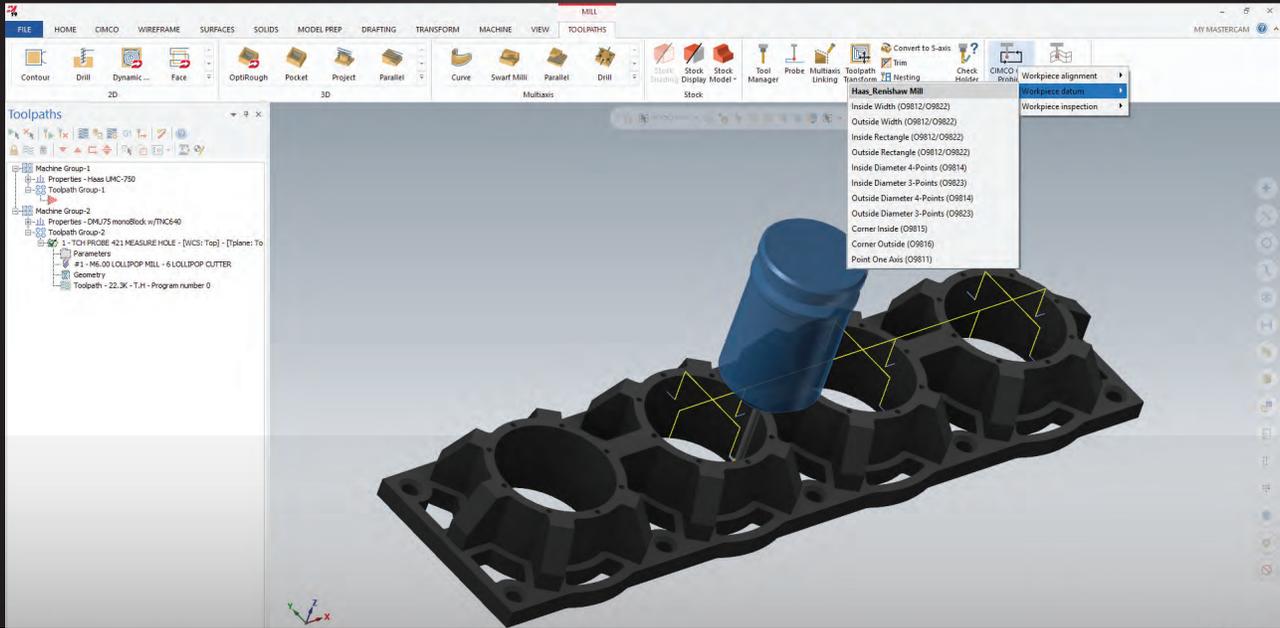


INTEGRATED PROBING SOLUTION FOR MASTERCAM

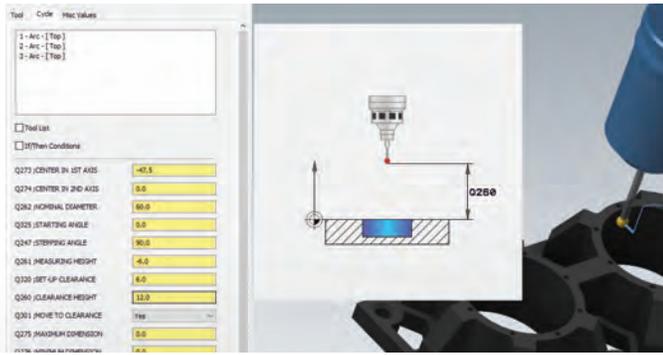


PROGRAM ANY CNC TOUCH PROBE DIRECTLY IN MASTERCAM

CIMCO Probing is a fully integrated add-on for Mastercam that makes probing a natural part of the Mastercam programming process. CIMCO Probing helps improve the quality of parts, increases productivity and reduces setup-time and manual processes. Easily program your machining center's spindle-mounted touch probe directly in Mastercam the same way you program toolpaths. CIMCO Probing generates recognizable and easy-to-understand NC-code by letting you use the cycles and macros already available on your CNC machines.

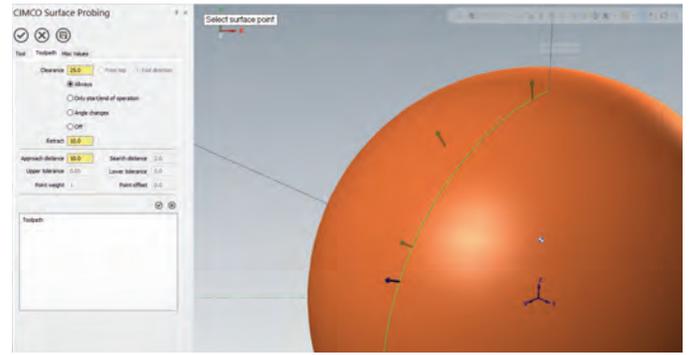
Before machining, CIMCO Probing lets you utilize your CNC touch probe to ensure correct setup of the stock material in the machine. During machining, CIMCO Probing can measure the geometry of the semi-finished part and dynamically adjust machine and/or tool parameters. It can even stop the machine if a specified tolerance is exceeded. The finished part can be measured automatically at the machine to verify its dimensions before being unclamped.

- | | |
|---|---|
| FULLY INTEGRATED WITH MASTERCAM | ✓ |
| BACKPLOT, VERIFY AND MACHINE SIMULATION | ✓ |
| WORKS WITH ANY TYPE OF CNC TOUCH PROBE | ✓ |
| INCLUDES A WIDE RANGE OF PROBE CYCLES | ✓ |
| CREATE CYCLES FROM CAD MODEL | ✓ |
| INSPECT AND VERIFY 3D SURFACES | ✓ |
| CUSTOM LOGGING OF PROBING RESULTS | ✓ |
| USER-FRIENDLY GUI WITH TOOLPATH PREVIEW | ✓ |
| SUPPORTS MULTIPLE LANGUAGES | ✓ |
| PRICE COMPETITIVE SOLUTION | ✓ |



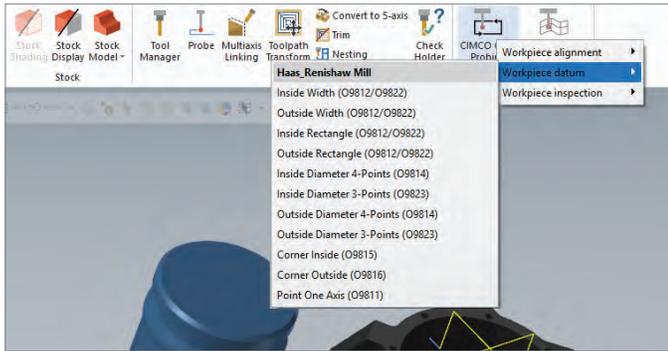
PREDEFINED PROBE CYCLES

CIMCO Probing includes a wide range of Probe Cycles to handle most measurement needs. Cycles can be customized through user-defined parameters with assisting drawings that make it easy to see what each parameter controls in the cycle. For convenience, CIMCO Probing can intelligently fill in parameter values based on stock model geometry.



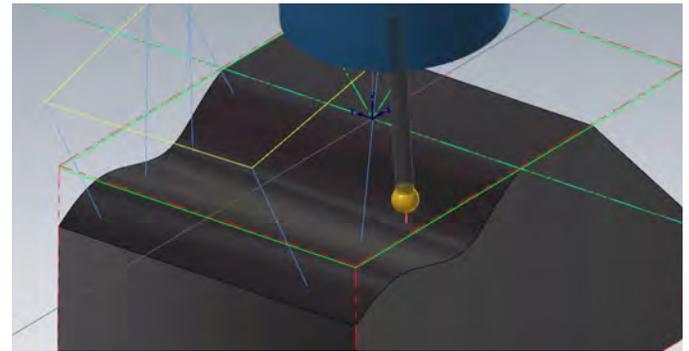
SURFACE PROBING

Surface Probing makes it easy to select surface points and surface normals on curved geometry. For any point chosen on the model, a measuring cycle is generated and the result of the measurements is compared with the 3d model.



SEAMLESSLY INTEGRATED

CIMCO Probing works seamlessly inside Mastercam and includes its own dedicated tab in the Ribbon bar with icons for adding Cycle or Surface Probing. Probing options are shown in the Manager Panel and once a cycle is added, it is stored in Mastercam's Toolpath Manager where it can be repeatedly adjusted as needed.



BACKPLOT, VERIFY AND MACHINE SIMULATION

All probe tool movements can be fully visualized and verified using Mastercam's Backplot, Verify and Machine Simulation. In addition to being convenient, this also provides confidence that your probe tool remains undamaged during machining. Probe tool collisions can be detected and resolved before the program is machined.

INCLUDES A WIDE RANGE OF PROBE CYCLES

CIMCO Probing is a user-friendly solution and supports leading manufacturers.



HEIDENHAIN

SIEMENS

Mazak

FANUC



LOKUMA