

Mar 3, 2020

To The Press

C&G SYSTEMS INC.

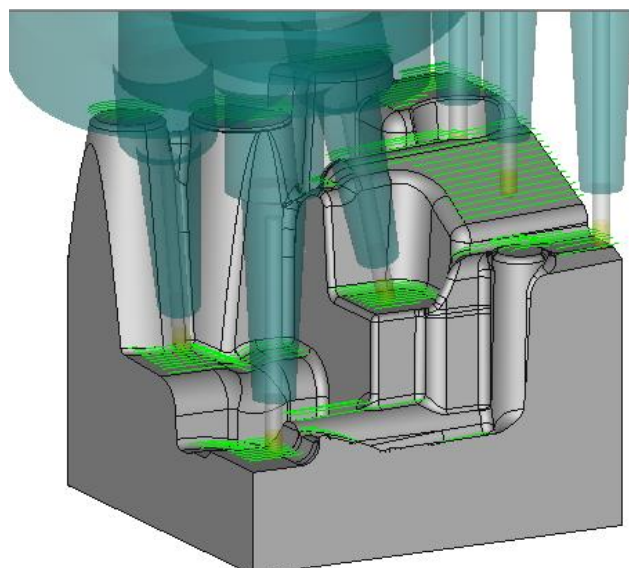
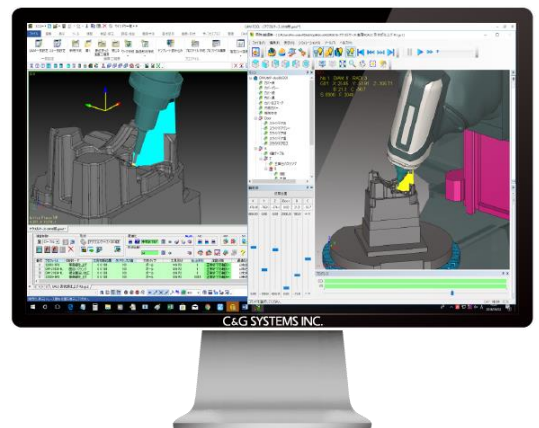
Simultaneous 5-Axis Auto Conversion Calculation Time Shortened by 60%

In April, our company (President: Seiichi Shiota) will release “V16.1”, the new version (Hereafter “this version”) of CAM-TOOL which is the CAD/CAM system corresponded to 5-axis machining center for molds & dies.

In this version, the algorithm of “simultaneous 5-axis data automatic conversion function (simultaneous 5-axis auto)” has been reinforced. The calculation time is shortened by 60%; compared to a conventional one. Additionally, it is now

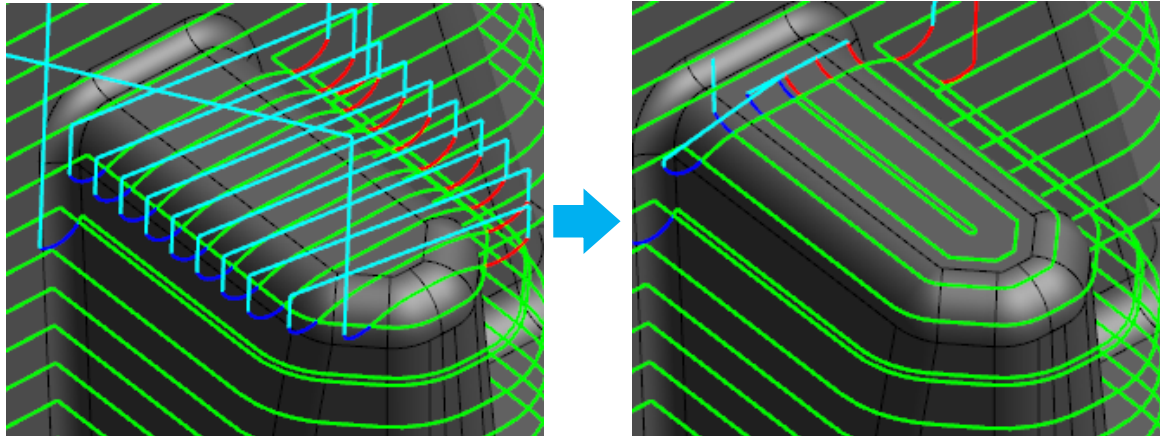
possible to tilt only the segments that need 5-axis conversion. This reduces the trials and errors to avoid interference. Furthermore, more stabilized high-precision machining is established by eliminating useless movements of the rotation axis and repairing it.

“Simultaneous 5-axis auto” has been developed under the concept of heightening machining precision by maximally suppressing rapid movements and the number of axes that move simultaneously while securing high-precision finished surfaces with easy operations. Users can easily create high-precision machining data optimized by the latest functions and algorithm.



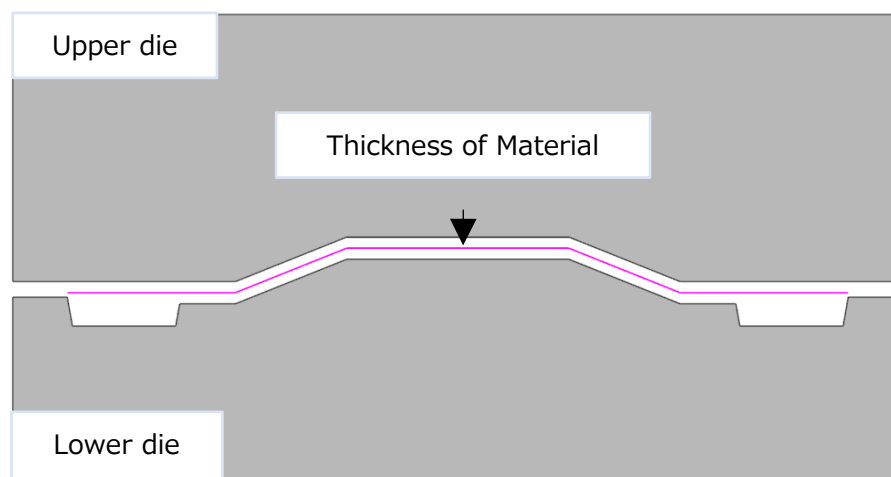
Improved Offset Paths of Z-level Finishing

When creating an offset path between the z-level contour, the tool path has many retractions. With this improvement, it automatically recognizes the tool path which has less retractions and therefore will achieve a faster machining time.



Thickness Setting for Press Die

The thickness of the press die materials have been newly implemented to the tree view. It directly applies to the calculation setting, so it greatly reduces the operation time. This is effective especially for creating machining data of automobile body press die and large press die.



Speeding up of Corner R Processing

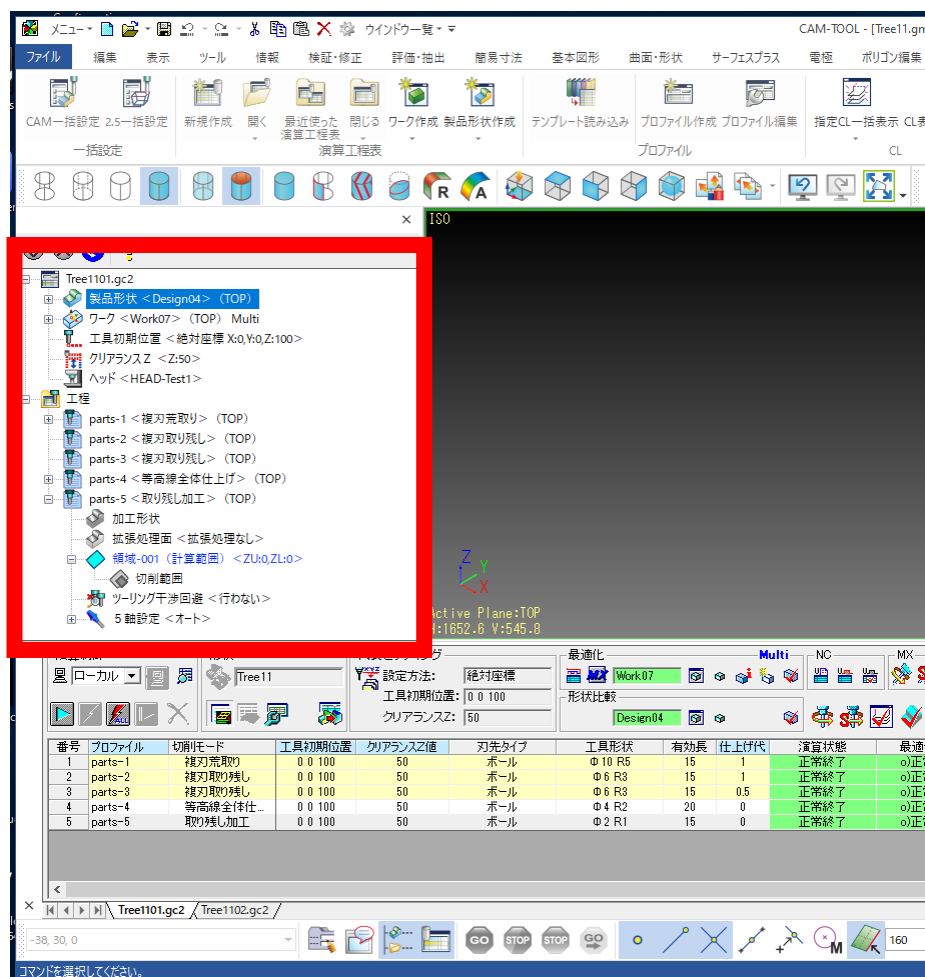
Corner R processing enables the ability to avoid a high tool load at the corners. This has been sped up by utilizing GPU (Graphics Processing Unit).

*The graphic board is runnable in NIVADA's **Quadro®** K series, M series, and P series.

Mar 3, 2020

Adoption of Tree View

By putting a series of operations for CAM process creation together into the tree view format, a more intuitive operational environment has been realized and operation loads by operators reduced.



Newly Developed 60 Functions

60 other functions have been newly developed like reinforcement and improvement of operations, machining paths, and expansion of translator and modeling functions.

* * *

[Product Prices] (All prices below are in Japanese Yen.)

- CAM-TOOL 3-axis package : ￥ 5,200,000 -
- CAM-TOOL 5-axis package : ￥ 6,400,000

*Taxes and the maintenance fees are excluded.

*The price depends on the module configuration.

Mar 3, 2020

[Company Information]

- Foundation : July 2, 2007 (*1)
- Capital : ¥500,000,000-
- Description of Business : Development/Sales/Support of CAD/CAM System for Mold & Die, and Production Management Systems

(*1) Our company is a CAD/CAM solution developer founded in 2010 as the result of a business integration and merger with Computer Engineering (founded in 1978) and Graphic Products (founded in 1981). Both of the 2 companies had more than a 30-year history, and we now have about 6,000 domestic customers and about 1,000 overseas customers.

Note: All company and product names in this release are trademarks or registered trademarks of their respective companies.

Questions and Inquiries

Mr. Tatsuya Izawa, Public Relations, C&G Systems INC.

Tokyo Headquarters (Shinagawa-ku, Tokyo)

Kitakyushu Headquarters (Kitakyushu-city, Fukuoka)

E-mail: cgs_pr@cgsys.co.jp <http://www.cgsys.co.jp/en/>