GIBcam.Info

GIBcam v2022.B1184

A new INTERFACE library of data direct interfaces for 3D CAD import/export was published a few days ago. As this also necessitates the regular updating of the associated annual licences, release B1184-1614 will be rolled out as a service pack in the near future.

The ServicePack installation kit updates all system files in the GIBcam programme directory to the latest status, but creates a backup copy of the directory contents beforehand. During installation, a software tool for uninstallation is stored in the specified programme directory, with the help of which the current ServicePack can be completely removed using the created backup copy. Access to the data and the directory structure of the GIBcam programme directory must be fully possible.

The ServicePack may only be installed and used after the following information and facts have been read. Should any questions or ambiguities arise, these must be clarified in advance.
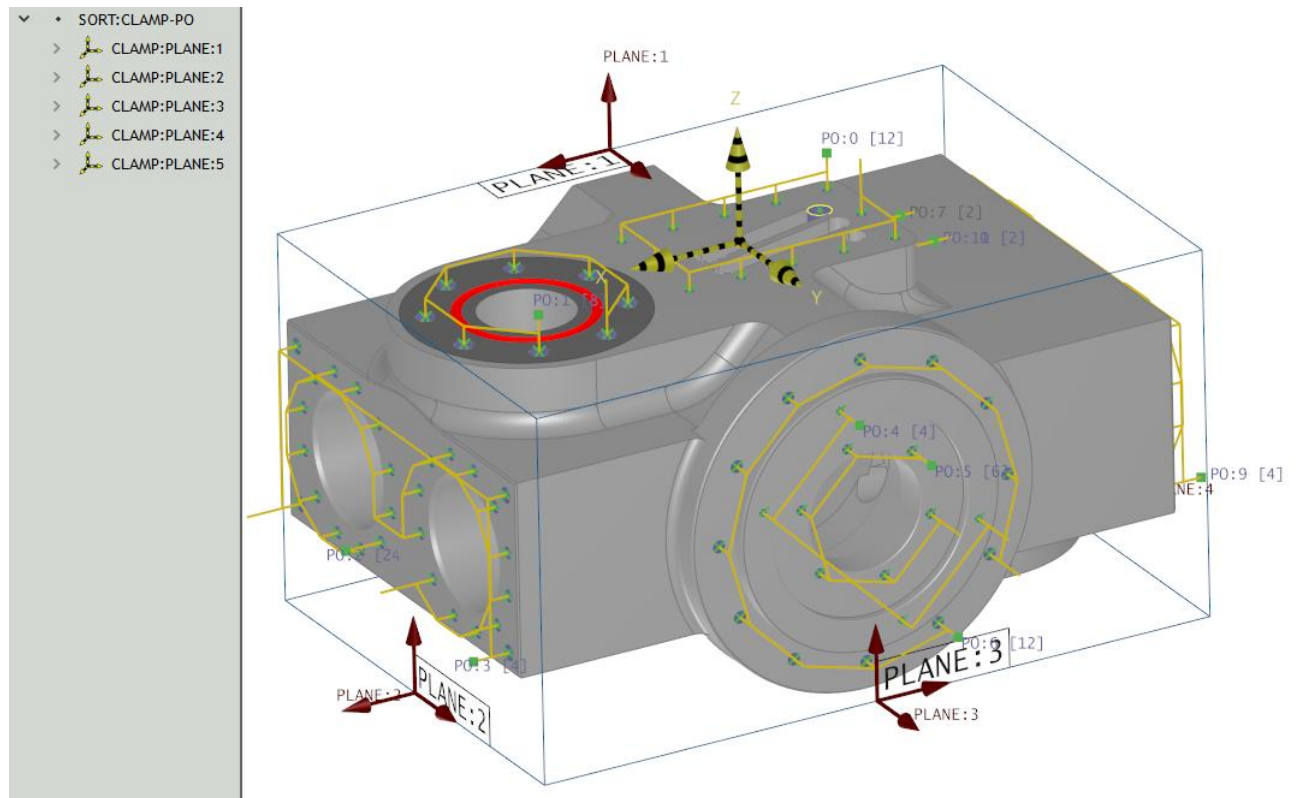

- **New functionality**:

  - Implementation of the INTERFACE library R319 with updates for CATIA V5, CREO, NX, SE, SW, etc. In this context, some newly reported issues regarding surface and topology control and repair were also examined and necessary changes were incorporated.

  - When importing data from CATIA V5 design feature, the number of layers is automatically incremented - if necessary.

  - The function for sorting features into an optimised machining sequence using the CLAMP/PO method has been extensively revised -> more details in the help/document.

- In this context, the calculation of the control path (-> see <Feature:Check>) has also been extensively supplemented. A tool path created with this is also included in the EL group under the abbreviation CONTROL, among others.

- **Important changes, notes and details**:

  - in the extended filter settings of the tool list dialogue, the additional options <with holder> or <without holder> as well as <without locked> or <only locked> can be set

  - when creating PO elements with the <distance minimum> method, <ESC> can be used to abort completely or to continue working with the previous calculated optimum

  - for generating the bitmap of the project information, the exact current representation can be taken over when called up with the magic key.

  - the modified consideration for approach movements in roughing (in <Machining from outside> mode -> Notes on SP B1182) is now also applied to allowance roughing (and comparable scenarios)

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[The availability of the individual functions depends on the range of functions of the GIBcam basic package and any additionally licensed components.]

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