



Version 3.8 of our CAD / CAM software solution Pictures by PC from SCHOTT SYSTEME GmbH is now available. Based on 34 years of continuous development, the new 3.8 release once again provides improved productivity gains for design and manufacturing.

CAM – New Features:

Manufacturing companies will benefit from Pictures by PC 3.8, with a few of the major enhancements listed below:

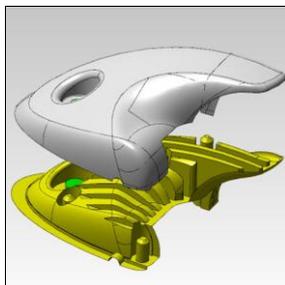
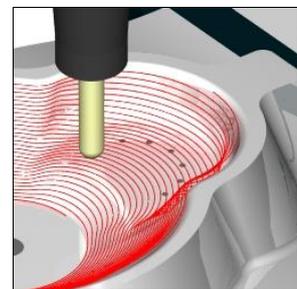
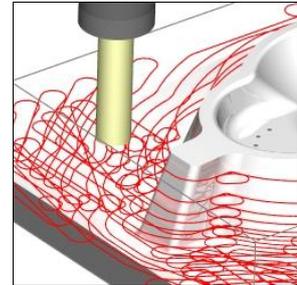
2D/3D HSC (High Speed Cutting) Roughing ensures all toolpath corners are rounded for a fluid roughing toolpath.

Trochoidal 3D HPC (High Performance Cutting) Roughing uses trochoidal toolpaths for the efficient 3D roughing of hard metals, with the added benefit of increasing the tool cutting life.

3D Spiral Finishing generates a single spiral toolpath that maintains a maximum stepover relating to the changing angle of 3D faces (includes automatic 5 axis undercut machining).

5 Axis Rotary Roughing reduces programming and machining times by wrapping 3D roughing operations around rotary components. **5 Axis Rotary Finishing** includes simultaneous axial, radial and helical finishing.

Toolpath Simulation with Collision Control visualises potential collisions between the machine head, part and clamping devices without the need for a full machine simulation.



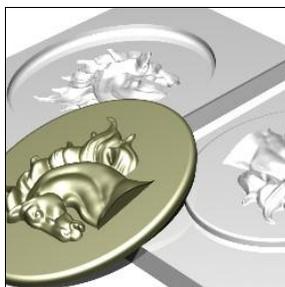
CAD – New Features:

Designers and constructors will benefit from Pictures by PC 3.8, with a few of the major enhancements listed below:

Improved User Interface – a dockable side menu provides a permanent display of information such as CAM blocks, tooling and object structure. Direct selection displays a menu of differing functions relating to the geometry selected (model edges and faces). A toolbar magnifying glass displays enlarged icons.

New additions to **Modelling Functionality** include the semi-automatic separation of core and cavity faces on moulded components. 2D, 2.5D and 3D elements can be tangentially connected with a rubber banding curves through intermediary control points. Mesh modelling includes offsetting and mesh model cutting with curves.

Numerous **Extended Features** include multiple DIN drawing frames, DIN/ISO 8196 chain wheels, and the shadow function to create silhouette profiles from a solid model. Feature recognition includes the automatic selection of banded surfaces, and the coedge3d function converts pocket closed and open edges separately.



Update (Version 3.6 to 3.8) :

3D-CAD : 500 Euro / CAM (Milling): 500 Euro / 5 Axis Simultaneous: 500 Euro / Exchange Package : 100 Euro