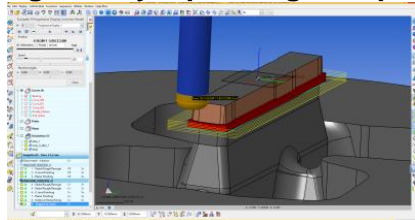




ExtrusionCAM

ExtrusionCAM is an easy-to-use CAM solution for the 2 to 5 Axis automatic machining of Aluminium Extrusion Dies. In combination with the the 3D CAD solution ExtrusionPower it is possible to machine an extrusion die directly from 2D. Users can start producing extrusion dies right away, operating at expert level, cutting complex dies after a short training



Product Features

The automatic features of ExtrusionCAM allow even novice CAM operators to automatically create the toolpaths in just a few minutes with simple clicks

High performance CAM functions

- Automatic geometry and machining zone detection
- Fluid and progressive toolpaths designed for High Speed Machining
- Full user stock definition (block, CAD, STL)
- Dynamic 3 and 3+2 stock Management (Real time toolpath)
- Tool and holder collision check with automatic stock update
- Powerful toolpath editor
- Virtual 3D machine representation and machining simulation
- Powerful tool and holder library (holder components managed)
- Automatic HTML workshop documentation
- User predefined machining sequences for automatic machining
- Machining from STL files and point clouds
- Batch mode calculations
- Adaptive postprocessor generator (NURBS, cycles, circular ...)

Ordering Information

ExtrusionCAM License M650L
ExtrusionCAM Maintenance M650Y

Prerequisites

Vero WorkNC V24

System Requirements

Supported platforms:

- ☒ Windows7 64 bit™
- ☒ Windows8 64 bit™
- ☒ Windows10 64 bit™

Delivery Information

Software download available through
ExtrusionCAM web site

Supported languages

- ☒ English
- ☒ German
- ☒ Russian
- ☒ Italian
- ☒ Turkish
- ☒ Korean
- ☒ Chinese
- ☒ Japanese

For more information, please visit

www.extrusioncam.com

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Powerful and optimized CAM toolpaths

- Global Roughing and Re-roughing toolpaths optimized for HSM
- Specific toolpaths with trochoidal, spiral or plunging movement
- Automatic machining of rest areas based on dynamic stock
- Automatic rest material machining with increasingly smaller tools

Powerful and optimized finishing toolpaths

- Z Level finishing, Planar finishing, Flat surface finishing, Contour finishing, Edge finishing
- Automatic Rest-material finishing with a sequence of smaller tools
- 3D Display of rest-material areas

Intelligent 2 and 2.5 Axis toolpaths

- Range of 2 and 2½-axis strategies e.g. pocketing, Contouring, Curve machining, Engraving, Facing, Drilling, tapping ...
- Automatic features detection, Pre-defined drilling selection, Automatic drilling operations, Deep hole and intersecting hole drilling

Automatic & Simultaneous 4 - 5 Axis toolpaths

- Automatic 3 to 5-axis conversion toolpaths - "AUTO 5"
- 5 Axis Rolling, Planar finishing, Spiral Blade, Impeller, Tube, Laser
- Collisions detection and machine limits management