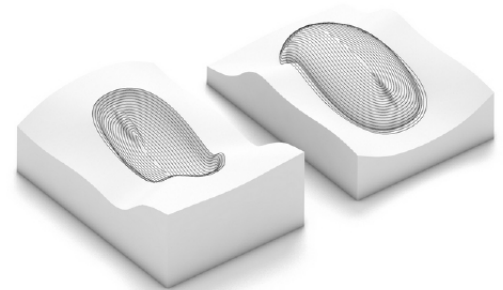
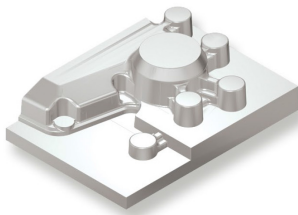


VANC 3D Milling

3D machining for the highest demands.
The VANC 3D Module offers a variety of editing options and generates high-speed toolpaths for the demands of complex tool and mould construction.

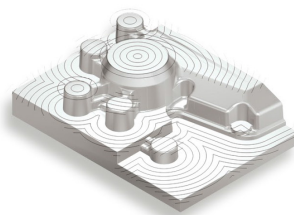


KEY BENEFITS



- Industry-proven applications
- Simple handling
- Swift commissioning

GENERAL FEATURES



- Using common types of tools and holders (such as ball mills, lollipop mills, etc.)
- High-Speed Machining (HSM) for roughing and finishing
- Collision-free toolpaths

ADDITIONAL FEATURES



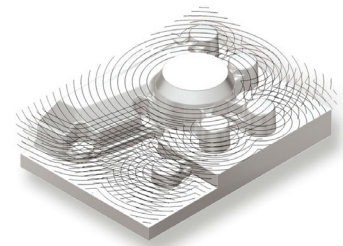
- Processing levels for 3- and 2-axis machining
- Starting point controls
- Entry: tangential, angular, feed control
- Connecting tracks: direct, rounded (HSC), minimum withdrawal, security levels

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OVERVIEW VANC 3D MILLING

Roughing

- Immersion options: helix, zigzag, direct, along a profile, automatic
- Raw part preparation: raw part block, 3D model, raw part over contour
- Core mill: automatic access outside of the raw part
- Re-roughing



Finishing

- Parallel cuts
- Projected processing: radial, spiral, offset, user-defined
- Constant Z
- Constant roughness depth
- Flat areas



Advanced Finishing

- Parallel cuts
- Projected processing: radial, spiral, offset, user-defined
- Constant Z
- Constant roughness depth
- Flat areas

