PRESS RELEASE

OPEN MIND at formnext 2025

Additive manufacturing and finishing with *hyper*MILL®

**November 18–21, 2025
Hall 12.0, Booth B99**

Wessling (Germany), September 17, 2025 – OPEN MIND Technologies AG, a leading provider of CAD/CAM and MES solutions, will be exhibiting at formnext from November 18 to 21, 2025. At Messe Frankfurt, Hall 12.0, Booth B99, OPEN MIND will present CAD/CAM functions for both additive manufacturing and the precise finishing of additively manufactured parts. *hyper*MILL® ADDITIVE Manufacturing extends the possibilities of 5-axis simultaneous machining for the Direct Energy Deposition (DED) process and Wire Arc Additive Manufacturing (WAAM).

Unlike many other solutions, the 3D printing module in [*hyper*MILL® ADDITIVE Manufacturing](https://www.openmind-tech.com/en/cam/additive-manufacturing/) is fully integrated. This advantage becomes particularly clear when seamlessly switching between additive and subtractive machining on hybrid machines. The additive functions of the CAD/CAM suite benefit from OPEN MIND’s leading 5-axis and simulation technologies, ensuring maximum process reliability.

**Finishing with the digital twin**

Apart from the special case of hybrid machines, where additive and subtractive manufacturing are performed consecutively, postprocessing requires the setting-up of a raw part with small allowances in the machine tool. In *hyper*MILL®’s virtual machine, OPEN MIND has introduced [BEST FIT](https://www.openmind-tech.com/en/cam/best-fit/), an innovative alternative to manual alignment of workpieces for further machining. The prerequisite is a 5-axis machining center with a digital probe. The misaligned raw part billet is probed directly on the machine, and the measurement protocol is transferred to the CAM system. The software adapts the NC code to the real part position. This way, the virtual programming environment is aligned with the actual clamping situation.

**Available image material**

The following images are available for download in printable format at:
<https://kk.htcm.de/press-releases/open-mind/>

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| Source: OPEN MIND**The size of the head compared to the workpiece highlights the importance of simulation for collision avoidance.** | Source: OPEN MIND**The process with *hyper*MILL® BEST FIT: safe, precise and predictable.** |

**Available video material**

Video content can be found on our YouTube channel:
https://youtu.be/dQOfFXnzhok?si=jZxRFvYyHOBbF\_3X

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| Source: OPEN MIND**Video about intelligent part alignment in CAM with *hyper*MILL® BEST FIT.** |

About OPEN MIND Technologies AG

OPEN MIND Technologies AG is one of the world’s leading developers of powerful CAD/CAM solutions for machine and controller-independent programming.

OPEN MIND develops optimized CAD/CAM solutions that include innovative and unique features that can deliver significantly higher performance in both programming and machining.

*hyper*MILL® is a completely modular CAD/CAM solution that provides state-of-the-art CAM technologies on its own CAD platform: from 2.5D, 3D and 5-axis machining as well as turning strategies and solutions for additive manufacturing, HSC and HPC machining. Whether automation, simulation or virtual machine – trendsetting technologies expand the product range and enable continuous digital process chains. Special applications, seamless interaction with all popular CAD solutions and exceptional customer service rounds out the company’s products and capabilities.

According to the “NC Market Analysis Report 2025” compiled by CIMdata, *hyper*MILL® is a leading, worldwide CAD/CAM solution. Innovative CAD/CAM technologies fulfill the highest demands in aerospace, automotive, tool and mold manufacturing, production machining, medical, job shops, energy and semiconductor industries.

OPEN MIND's majority stake in manufacturing execution system (MES) developer Hummingbird expands the CAD/CAM manufacturer's product portfolio and enhances the range of connected digitalized manufacturing technologies.

OPEN MIND is a Mensch und Maschine company and has subsidiaries and qualified sales partners on all continents.

You can find more information at [www.openmind-tech.com](http://www.openmind-tech.com).

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