SIEMENS

Press

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Revolution in Manufacturing: Optimize MyProgramming /3D Scanner transforms shop floor-oriented CNC programming

- **Optimize MyProgramming /3D Scanner is a control-integrated solution for shop floor-oriented CNC programming based on 3D CAD geometry.**
- **The product reduces programming time and improves product quality by minimizing error sources.**
- **Optimize MyProgramming /3D Scanner can be seamlessly integrated into Sinumerik Operate and used with no additional training.**
- **As part of the Siemens Xcelerator portfolio and thanks to successful piloting with DMG MORI, the 3D Scanner is making innovative CNC programming technologies accessible to more manufacturers.**

At EMO 2025, Siemens will introduce Optimize MyProgramming /3D Scanner, a groundbreaking software solution that will fundamentally transform shop floor-oriented CNC programming. This innovative software combines cutting-edge 3D analysis technologies with programming right on the CNC control, maximizing efficiency, precision, and quality in production. Optimize MyProgramming /3D Scanner is part of the Siemens Xcelerator portfolio and enhances it with advanced technologies for process optimization in manufacturing.

Programming right on the control

The solution is distinguished by its direct integration into Sinumerik Operate, which allows users to create and optimize programs on the control. Seamlessly transferring geometric information from 3D CAD models into programs eliminates the need for cumbersome and error-prone manual input. This function saves significant time and costs while minimizing sources of error.

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Efficiency and quality thanks to automatic data transfer

The 3D Scanner offers customized suggestions for manufacturing strategies based on geometric features. This function not only leads to enormous time and cost savings, but it also allows better parameterization of machining cycles. This prevents programming errors, which means consistently high quality in production. By integrating Optimize MyProgramming /3D Scanner, machine manufacturers can increase the attractiveness of their products in a competitive market and convince customers through measurable efficiency and quality advantages in production.

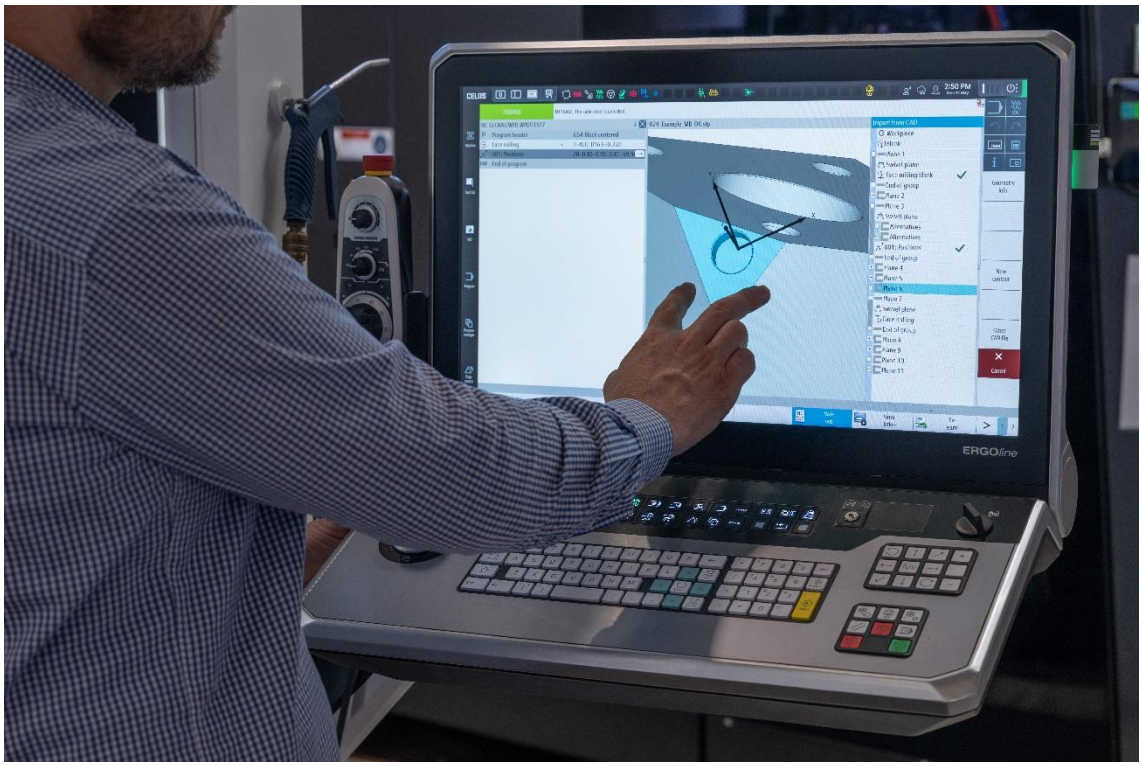
Collaboration with DMG MORI

The software's successful pilot with machine manufacturer DMG MORI demonstrated that the 3D Scanner is a powerful complement for optimizing manufacturing processes and can be seamlessly integrated into existing systems. Optimize MyProgramming /3D Scanner is integrated as a standard option in all DMG MORI machines equipped with Sinumerik One. The software will be available for purchase starting in autumn.

Availability and support

Optimize MyProgramming /3D Scanner is offered as a perpetual license for real machine tools and also as an option for their digital twin based on Run MyVirtual Machine. Experienced service providers offer support with comprehensive consulting as well as implementation. This ensures seamless integration of the software into modern production environments.

With Optimize MyProgramming /3D Scanner, Siemens reinforces its commitment to shaping the future of the manufacturing industry with advanced technologies and efficient solutions. The software sets new standards in CNC programming and enables manufacturing companies to make higher-quality products with more efficient production processes.



With Optimize MyProgramming /3D-Scanner, users can create and optimize programs right on the controller.

You can find this press release and press pictures at the following https://sie.ag/3BHtbw

More information about Siemens at the EMO can be found www.siemens.com/press/emo25

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