

EDGECAM

CAM Solution for all Industries and Automation



EDGE CAM is a market leading computer aided manufacturing (CAM) system for NC part programming. With unparalleled ease of use and sophisticated toolpath generation, it's the only CAM system you'll need for milling, turning, mill-turn machining and for WireEDM machining.

Automate your CAM programming with repeatable, accurate results using intelligent machining strategies that streamline repetitive tasks, allowing you to increase productivity without sacrificing quality.

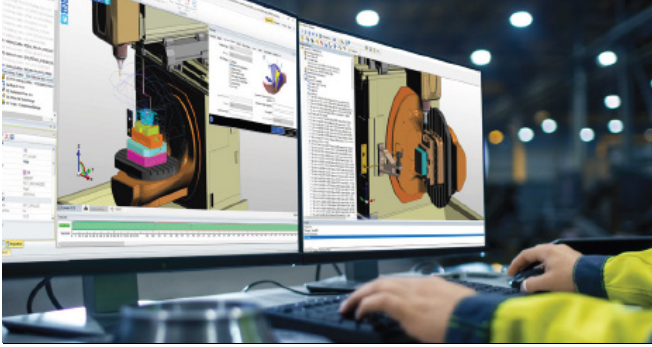
Benefits:

- Improve manufacturing productivity with an automated system that offers complete machine simulation
- Automation as simple as record and play
- Capture your in-house knowledge and experience inside EDGE CAM to consistently apply across projects
- Precise and safe programming of heavy industry CNC machines ensures efficient and error-free machining processes



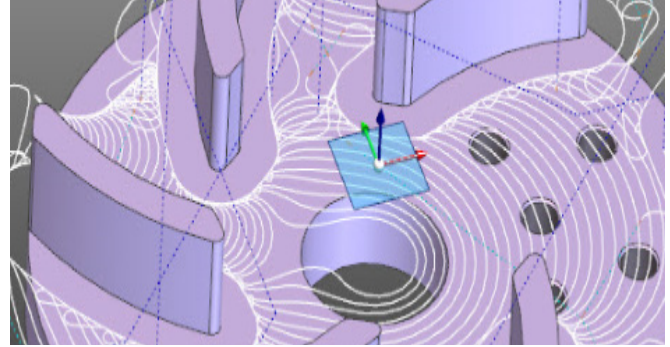
Milling 3- to 5-Axis

EDGE CAM's milling functionality facilitates programming from 2.5 axis milling to intricate 3-5 axis surface tool paths, including integrated 4 and 5 axis simultaneous machining for complex parts or tooling. With intuitive interfaces suited for novices and advanced tool path control for experienced users, it caters to diverse production needs, including milling machines with W axis and Quills, and lathes with driven tools.



High-Speed Machining

EDGE CAM's WAVEFORM high-speed machining maintains a constant removal of material by holding a consistent chip load, enabling efficient roughing, particularly suited for hard materials. The tool's smooth path and constant feedrate ensure distributed wear along the entire flute length, not just the tip. The radial cut depth minimizes cutting force, and chip heat removal further extends tool life.



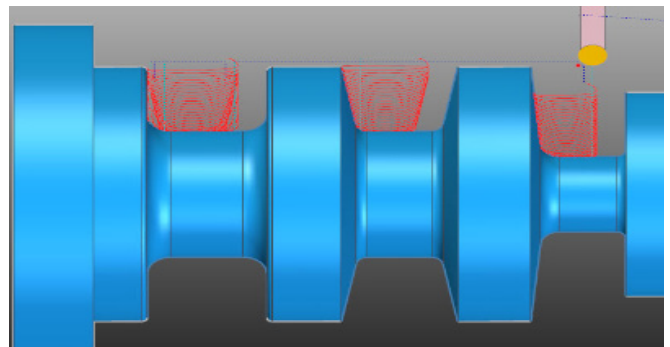
On-Machine Inspection

Simulate test procedures in your Extend your CNC probing capabilities with a power of EDGE CAM Inspection powered by PC-DMIS calculation engine



Turning and Millturn

From 2-axis lathes, multi-turret configurations, and sub-spindle turning centers, to complex milling/turning machines, EDGE CAM Turning covers a large range of different machine tools. EDGE CAM Mill-turn supports common components of current multi-axis lathes, while complete machine simulation guarantees a high level of safety.



Turn-key Post Processing

Leveraging turnkey post processors, EDGE CAM allows you to dynamically visualize the entire machining process, including machine kinematics, in detailed solid-shade graphics.



Heavy Machining

EDGE CAM's heavy machining holds significant benefit in efficiently processing large and dense materials. Leveraging robust tools and cutting methods, EDGE CAM ensures optimal material removal, extended tool life, and precision results.





Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Manufacturing Intelligence division provides solutions that use data from design and engineering, production and metrology to make manufacturing smarter.

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