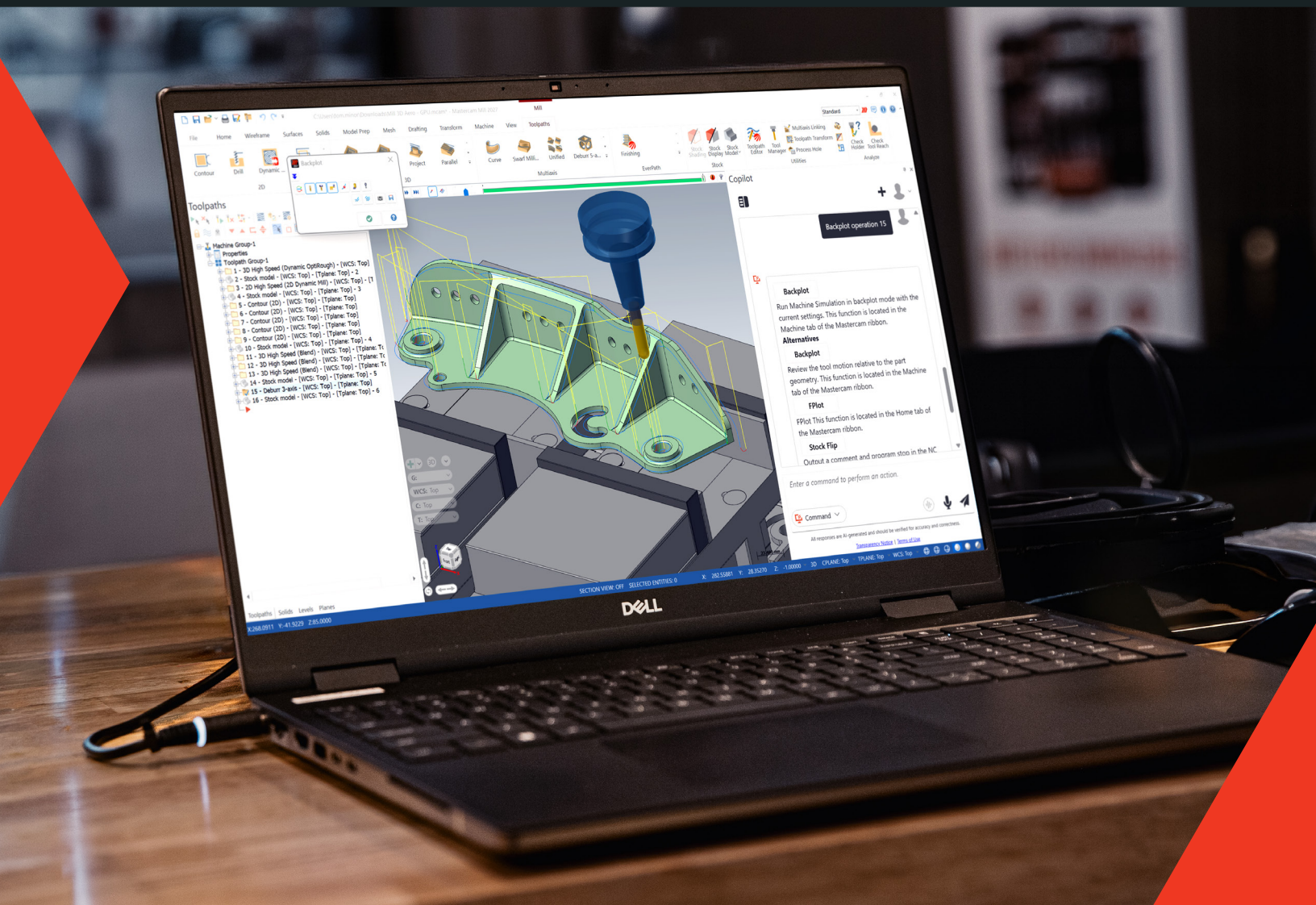
MASTERCAM™

MASTERCAM COPILOT

AI CAPABILITIES GUIDE

AI on your terms, in the Mastercam you already run.
Hands off the routine work. Keep the machining judgment.



AI IN MANUFACTURING

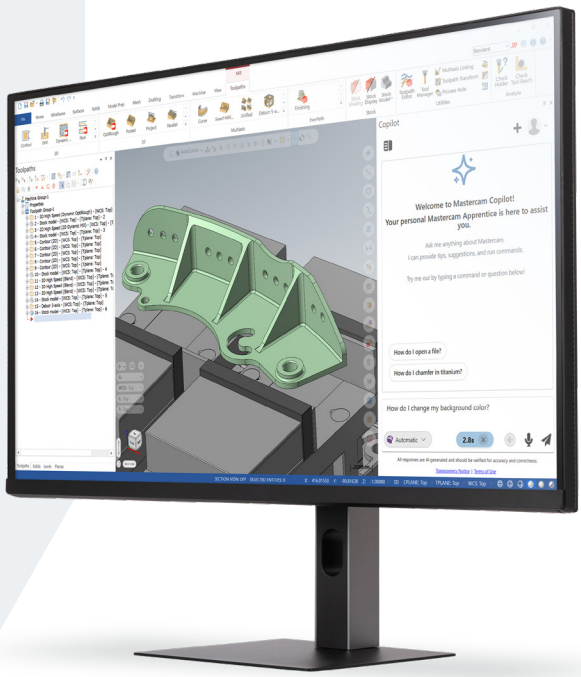
PROMISE MEETS REALITY

Artificial intelligence is everywhere. In manufacturing, that excitement is often mixed with skepticism.

Programmers creating toolpaths, shop managers overseeing operations and executives driving business performance all need tools that help them work smarter and more efficiently.

With Mastercam Copilot, you can start using AI today inside the Mastercam environment you already know. It handles repetitive tasks so you can focus on the machining decisions that matter.

The promise of AI is not to replace expertise, but to amplify it.



THE CHALLENGES FACING TODAY'S SHOPS

MORE WORK. LESS TIME.

Pressure from every direction
Experienced programmers are retiring
New programmers need time to build expertise
Customers expect shorter lead times
Margins continue to tighten
Programming workloads keep growing

What shops are actually looking for
Reduce repetitive work
Help newer programmers become more productive faster
Extend the impact of experienced team members
Increase capacity without increasing headcount

AI can help accomplish these goals when it's applied thoughtfully.

WHAT AI SHOULD ACTUALLY DO

THE BEST AI DOES NOT REPLACE EXPERTISE

The most valuable AI solutions in manufacturing do not make decisions for you. They assist. Experienced programmers bring knowledge that AI cannot replace:

- **Understanding part requirements**
- **Determining tooling and workholding**
- **Selecting machining strategies**
- **Assessing risk**
- **Approving final changes**

AI is most effective when it handles repetitive, time-consuming tasks while leaving critical decisions in your hands.
That is the approach behind Mastercam Copilot.

AN AI-POWERED ASSISTANT THAT WORKS INSIDE MASTERCAM

MEET MASTERCAM COPILOT

Included with Mastercam CONNECT. Rather than asking you to learn a new workflow, Copilot works alongside the way you already program. Use natural language to request routine tasks that normally take numerous clicks and repetitive edits.

What Copilot can help with today

Feed and speed updates across operations

Instead of making changes one operation at a time, tell Copilot what needs updating and let it handle the repetitive work.

Machine group creation

Quickly generate machine groups using conversational instructions.

Context-aware checks

Copilot can help identify issues that may otherwise be overlooked and suggest corrections for your approval.

Built-in help search

Search the myMastercam video library, Help documentation and Knowledge Base articles, with answers that link to the relevant moment.

YOU'RE ALWAYS IN CONTROL

AI THAT ASKS BEFORE IT ACTS

Control is one of the biggest concerns shops have about AI. Copilot was designed with that in mind: before making changes, it tells you what it intends to do and waits for your approval.

You ask in plain language › **Copilot proposes** and explains the change › **You decide** accept or decline › **Work gets done** only once approved

No unexpected changes

No hidden actions

No loss of programming control

No replacement for engineering judgment

THE AI ASSISTS AND YOU DECIDE

VALUE ACROSS YOUR TEAM

NEW PROGRAMMERS

Help new team members contribute sooner

- Faster onboarding
- Reduced reliance on constant supervision
- Greater confidence for less-experienced programmers
- More time for senior programmers to focus on high-value work
- Reduction of repetitive tasks

EXPERIENCED PROGRAMMERS

Get more from the team you already have

- More focus on optimizing machining strategies
- More time to solve complex manufacturing challenges
- Capacity to support less experience team members
- Less time on repetitive edits and parameter updates

More output. Same expertise. Same CAM system.

THE MASTERCAM MANUFACTURING EXPERIENCE

CONNECTED AI ACROSS MANUFACTURING

As part of the Sandvik Group, Mastercam belongs to a broader ecosystem where AI is improving workflows from design and planning through production and optimization. From AI-powered design and manufacturability analysis with solutions like up2parts, to programming assistance with Mastercam Copilot, manufacturers can apply practical AI across the lifecycle.

Design and planning
Design and manufacturability analysis, e.g. up2parts

Programming
AI assistance with Mastercam Copilot

Production and Optimization
Connected technologies across Sandvik's businesses

AI BEYOND COPILOT

ONE HOME FOR AI IN MASTERCAM

AI is not a single tool. **Use the AI that's right for the job without leaving Mastercam.** Copilot serves as your AI-powered assistant, while partner solutions address specialized workflows.

- Full-part strategy development
- Toolpath generation technologies
- Quoting workflows
- Work planning processes

OUR COMMITMENT TO MANUFACTURERS

AI IS A JOURNEY, NOT A DESTINATION

Mastercam is committed to helping manufacturers put AI to work, close the skills gap, and get parts out the door faster. Copilot is the start of that journey, with ongoing improvements delivered between major software releases.

OUR FOCUS REMAINS THE SAME:

- Practical AI
- Real manufacturing workflows
- Programmers in control
- Measurable value
- **Less manual work, more high-value focus**

READY TO TRY MASTERCAM COPILOT?

See how AI can help reduce repetitive work while keeping you firmly in control of every decision. Visit the Mastercam Copilot webpage to learn more and get started.

mastercam.com/solutions/add-ons/mastercam-copilot

Download Mastercam Copilot
Included with CONNECT

Watch the webinar
"Mastercam Copilot: Now and Next"

Share the IT Approval Kit
Bring your IT team in early

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MASTERCAM™

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