



MachiningCloud

Connect
Configure
Cut Smarter

OWN THE PROCESS





DO YOU SPEND HOURS FINALIZING THE RIGHT TOOL?

Every machinist knows the struggle - hunting through PDFs, catalogs, and websites just to find the correct insert, holder, and grade.

You're stuck with inefficiencies if you continue to:

- Manually compare catalogs from multiple suppliers
- Use incorrect geometries or feeds and speeds, leading to scrap, tool breakage, and rework
- Rely on outdated tooling data inside CAM software
- Depend on trial-and-error during machine setup

**Machining Cloud simplifies this entire process
from tool search to CAM integration
in just a few clicks.**



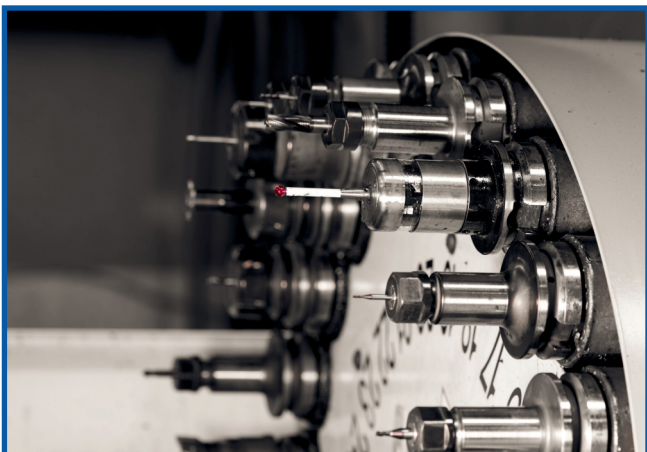


REVOLUTIONIZE YOUR WORK

Stay ahead of the competition, and streamline your machining operation with MachiningCloud.

FIND FASTER:

- Find your optimal CNC cutting tools faster with MachiningCloud.
- Quickly find the right tools from leading manufacturers with our centralized database and advanced filters; you can also seamlessly add your proprietary tools using our custom upload feature.
- Using accurate, manufacturer-provided data, you can easily build complete multi-brand CNC tool assemblies — including cutters, adapters, holders, and inserts — in just minutes.



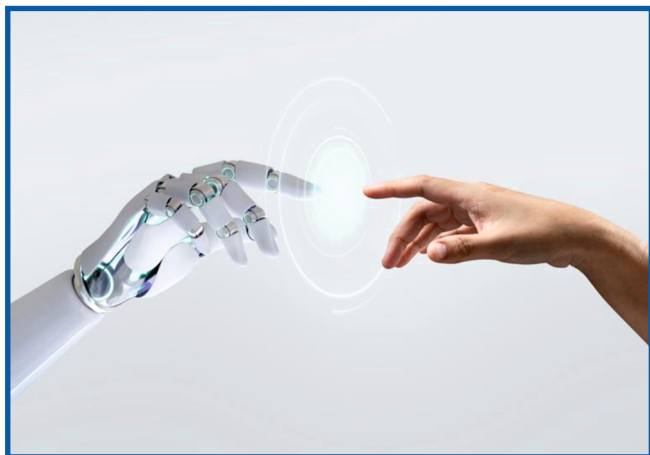
ORGANIZE YOUR SHOP:

- MachiningCloud simplifies tooling management with its intuitive interface and seamless integration with CAM, simulation, verification, and tool management software.
- It enables users to efficiently manage, share, and store tooling packages while creating and exporting job reports to PDF or Excel.
- With streamlined workflows, managing CNC tooling has never been easier.



GET RECOMMENDATIONS:

- MachiningCloud uniquely provides accurate feeds and speeds tailored to different materials, directly from tooling manufacturers.
- These recommendations apply to individual tools across multiple brands, ensuring optimal performance and machining efficiency.
- This powerful and highly requested feature sets MachiningCloud apart in the industry.



LEVERAGE AI:

- Our AI-Powered Tool Selection analyses your part geometry, material, and process parameters to recommend the ideal tools for your manufacturing needs.
- Going beyond standard manufacturer data, it uses machine learning and AI to deliver tailored, performance-optimized tool choices.
- It can also provide feeds and speeds for virtually any tool, helping maximize productivity and minimize downtime.

THE BEST DATA:

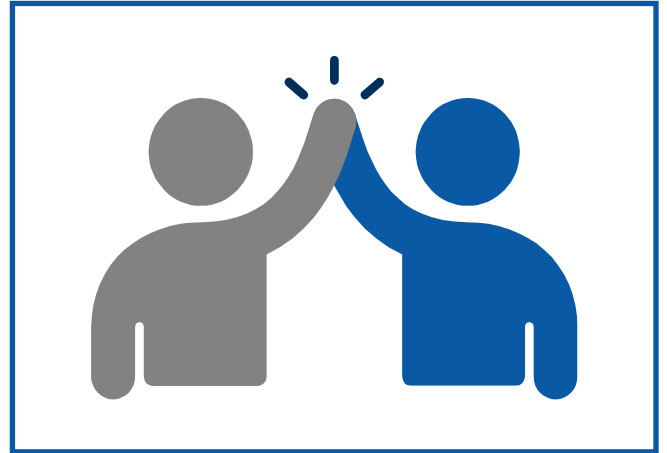
- MachiningCloud provides access to manufacturers' digital product data in ISO-standard formats like STEP, STL, and GTC, enhancing CAM, simulation, verification, and tool management workflows.
- You can view accurate 3D models, descriptive data, and 2D drawings to fully support your tooling and machining process.
- Tooling packages are securely stored online and easily shared within your organization, removing the need for traditional, less secure file-sharing methods.



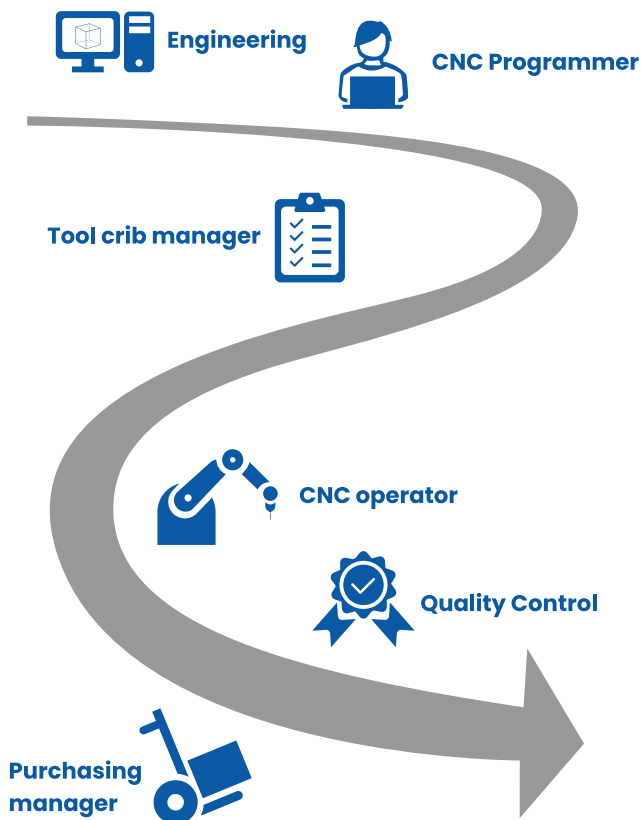


YOUR TEAM, AT THE HEART OF YOUR OPERATION:

- Empower your team to collaborate effortlessly and preserve valuable institutional knowledge with MachiningCloud.
- Share files, insights, and documentation securely – keeping everyone informed and aligned across locations.
- With real-time collaboration and a complete history of past jobs, teams can learn from previous successes and maintain continuity for future projects.



MachiningCloud is here every step of the way



FOR CNC PROGRAMMERS & ENGINEERS:

- Select the right cutting tool, view its 3D CAD model, export it to your CAM software, and instantly apply recommended feeds and speeds.
- Prepare job documentation – tool lists, assemblies, and setup sheets – for faster programming and smoother communication.

FOR TOOL CRIB MANAGERS:

- Manage your entire tool inventory digitally by importing tooling data into MachiningCloud to track real-time stock status.

FOR YOU:

- Start with a free trial which will convert to a limited Lite mode.
- Ask us about custom options for multi-user access, licenses, and API integration.



MachiningCloud



CAM



Machine



Start Your Digital Tooling Journey

TODAY!

www.machiningcloud.com



Contact
CYGNUS TECHNIK INDIA PVT LTD
No. 145, 16th Street,
Thirumalai Priya Nagar, Pudur
Chennai 600 054

Support@cygnuscnc.com
+91-73050 47201
www.cygnuscnc.com