

Did you know you have **SOLIDWORKS CAM?**

Automating CNC Programming with



SOLIDWORKS CAM Standard is included in every seat of SOLIDWORKS 2018 and later, currently on subscription.

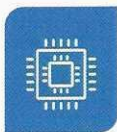
SOLIDWORKS CAM is a 2.5 axis and 3 axis CNC milling and 2 axis CNC lathe programming solution powered by CAMWorks and fully integrated with SOLIDWORKS, removing the need to maintain separate CAD and CAM part files.

SOLIDWORKS CAM uses advanced CAD/CAM technologies, including feature-based programming, automatic feature recognition and knowledge-based machining to improve cycle times, reduce errors and increase productivity.



How do I access SOLIDWORKS CAM?

If you are using SOLIDWORKS Version 2018 or later and are currently on subscription, you already have SOLIDWORKS CAM Standard. To activate it, go to the Add-Ins menu in your SOLIDWORKS software and select SOLIDWORKS CAM in the SOLIDWORKS Add-Ins options.



Where can I get post processors?

Post processors are a critical part of any CAM system. With the right post processor, you can reduce machine cycle time, remove manual editing and provide more information to your operators, for a faster setup time. HCL offers a free post processor library: <https://camworks.com/post-processor-library/>.



What are the training options?

HCL's CAMWorks team conducts SOLIDWORKS CAM getting started training webinars every quarter. You can register for webinars using the below link.

<https://camworks.com/new-events/webinar-learn-solidworks-cam-today/>

Other training options are available through SolidProfessor (<https://www.solidprofessor.com>) and with your local SOLIDWORKS reseller.

SOLIDWORKS CAM Benefits



Shorter Programming Times with integrated CAD/CAM that automatically updates toolpaths to design changes and removes the need to maintain separate CAD and CAM part files



Improved Quality with rules-based machining that captures your best practices and re-uses them automatically to increase consistency and improve quality through standardization



Faster Cycle Times with VoluMill and PrimeTurning options that often double machining capacity

Which SOLIDWORKS CAM package is right for you?

SOLIDWORKS CAM Standard includes programming for individual 2.5-axis and 3-axis milling parts, including Tolerance-Based Machining (TBM). SOLIDWORKS CAM Professional adds Assembly Machining, Turning, 3+2 Milling, High-Speed Machining and support for multiple SOLIDWORKS CAM configurations. When you are ready for additional functionality, you can easily expand your CAM programming to more advanced levels that include 4-axis and 5-axis milling, mill/turn, wire EDM, CAMWorks ShopFloor and more!

Because SOLIDWORKS CAM is powered by CAMWorks, your SOLIDWORKS CAM data is fully compatible with CAMWorks. Your part files, TechDB data and post processors are all bi-directionally compatible between SOLIDWORKS CAM and CAMWorks. CAMWorks is the only CAM system that is 100% compatible with SOLIDWORKS CAM!

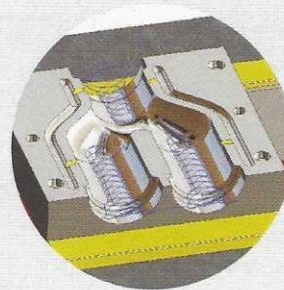
Function	SOLIDWORKS CAM Standard*	SOLIDWORKS CAM Professional*	CAMWorks Standard	CAMWorks Milling Standard	CAMWorks Turning Standard	CAMWorks Milling Professional	CAMWorks Turning Professional	CAMWorks Premium
2.5 Axis Milling Plus*	✓	✓	✓	✓	✓	✓	✓	✓
Cimco Editor/DNC	✓	✓	✓	✓	✓	✓	✓	✓
2.5 Axis VoluMill		✓	✓	✓	✓	✓	✓	✓
Probing		✓	✓	✓	✓	✓	✓	✓
4/5 Axis Indexing		✓	✓	✓	✓	✓	✓	✓
Turning		✓	✓	✓	✓	✓	✓	✓
3 Axis Milling - L1*		✓	✓	✓	✓	✓	✓	✓
Sub-Spindle			✓	✓	✓	✓	✓	✓
Rotary Milling			✓	✓	✓	✓	✓	✓
3 Axis Milling - L2*				✓		✓		✓
Mill-Turn					✓	✓	✓	✓
3 Axis Milling - L3*						✓		✓
Synchronous Machining for Lathes							✓	✓
Virtual Machine Standard							✓	✓
4 Axis Milling (Add-On to Milling Pro only)								✓
5 Axis Simultaneous								✓

CAMWorks ShopFloor promotes digital manufacturing by providing 3D models with MBD & PMI data and CNC programming information to the shop floor in a single, compact digital format.



- Meet Smart Manufacturing and Industry 4.0 initiatives
- Improve communication on the shop floor with digital technology
- Increase production, decrease turnaround time, and reduce waste

CAMWorks VoluMill is an ultra high-performance toolpath engine within CAMWorks for 2.5 axis and 3 axis milling roughing operations



- Significantly reduces cycle times and increases cutting tool life
- CAMWorks 2.5 axis VoluMill is included with CAMWorks products, and 3 axis VoluMill is available as an add-on

For more details, please contact your local CAMWorks reseller, visit www.camworks.com or contact camworks.inquiries@hcl.com

About HCLSoftware

HCLSoftware, a division of HCLTech, develops, markets, sells, and supports software for digital transformation, data, analytics and insights, AI and automation, and enterprise security. HCLSoftware is the cloud-native solution factory for enterprise software and powers millions of apps at more than 20,000 organizations, including more than half of the Fortune 1000 and Global 2000 companies. HCLSoftware's mission is to drive ultimate customer success through relentless product innovation. <https://www.hcltechsw.com>