



# CAMWorks and SOLIDWORKS CAM

## Product Functionality

HCL CAMWorks® and SOLIDWORKS® CAM, developed by HCL, provide advanced CAD/CAM technologies to program smarter and machine faster. Both provide seamless integration and full associativity with SOLIDWORKS®, Feature Recognition, Tolerance Based Machining, and TechDB™ that allows the capture and reuse of best programming practices.

Function	SOLIDWORKS CAM Standard	SOLIDWORKS CAM Professional	CAMWorks Standard	CAMWorks Milling Standard	CAMWorks Turning Standard	CAMWorks Milling Professional	CAMWorks Turning Professional	CAMWorks Premium	CAMWorks Bundle Add-Ons
2.5 Axis Milling Plus*	✓	✓	✓	✓	✓	✓	✓	✓	
Cimco Editor/DNC	✓	✓	✓	✓	✓	✓	✓	✓	
2.5 Axis VoluMill		✓	✓	✓	✓	✓	✓	✓	
Probing		✓	✓	✓	✓	✓	✓	✓	
3 Axis Milling - L1*		✓	✓	✓	✓	✓	✓	✓	
4/5 Axis Indexing		✓	✓	✓	✓	✓	✓	✓	
Turning		✓	✓	✓	✓	✓	✓	✓	
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								✓	

### Products available as Bundle Add On

3 Axis VoluMill  
 Virtual Machine Professional  
 Virtual Machine Premium  
 PrimeTurning™  
 CAMWorks Utilities

### Additional Product Options

Wire EDM  
 NestingWorks  
 CAMWorks ShopFloor

- \* 2.5 Axis Milling Plus includes 2.5 Axis Milling plus Area Clear Roughing, Flat Area and Z-Level Finishing
- \* 3 Axis Milling L1 includes all of the above plus a Z-Level Finishing combined cycle for steep/shallow machining
- \* 3 Axis Milling L2 Includes all L1 functionality plus Pattern Project, Constant Step, Pencil Milling, 3 Axis Rest Machining, Curve Project, and Legacy Rough & Finish Mill
- \* 3 Axis Milling L3 Includes L2 functionality plus Multi-Axis Operations including Undercutting, Fillet Machining, and NURB Surface Machining

*PrimeTurning™ is a Sandvik Coromant product.*

For more information, please contact your local CAMWorks Reseller or email [camworks.inquiries@hcl.com](mailto:camworks.inquiries@hcl.com).