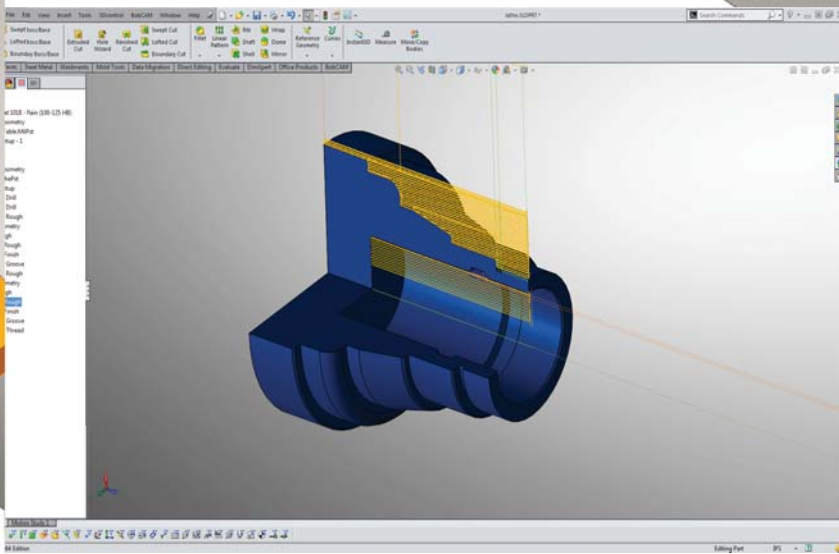
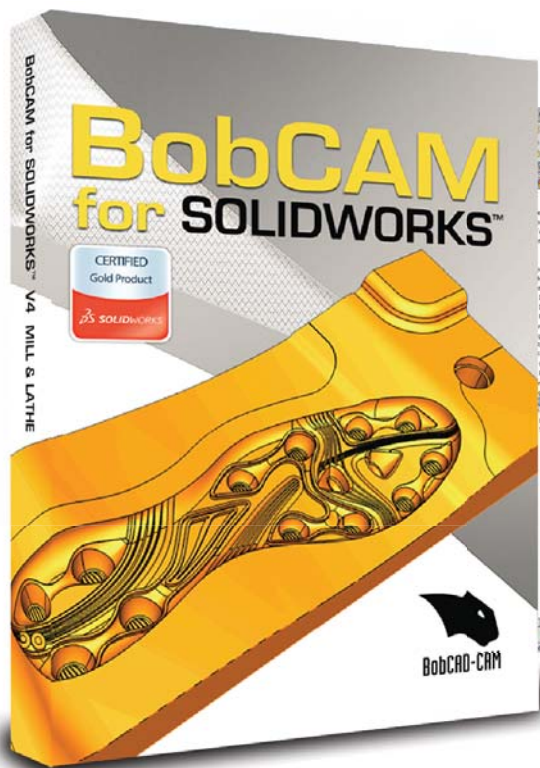




BobCAMTM for SOLIDWORKSTM



**THE NEXT GENERATION IN FULLY
INTEGRATED CAM SOLUTIONS**



BobCAM for SOLIDWORKS™

The latest BobCAM for SOLIDWORKS™ Gold Partner CNC Software Add-In provides users the ability to program toolpath for their designed parts right inside of SOLIDWORKS™. BobCAM provides you with all of the benefits of having a modular CAM system, improved workflow and includes 30+ simple to advanced toolpaths for CNC machining. Industry applications range from automotive, aerospace, medical, general CNC milling and much more.

BobCAM removes the guesswork from toolpath creation and G-code programming by implementing machining wizards to streamline the process of cutting parts, giving you more time to innovate, save money, and improve productivity through reduced cycle times.

Supported Machines:

Horizontal & Vertical Mills | Routers | Lathes | Lasers |
Plasma Cutters | Water Jets

In addition to a variety of newly added features and enhancements, the new multiaxis modules include the world's first High Speed Adaptive Roughing for multiaxis milling. From routine to complex CNC milling, BobCAM for SOLIDWORKS is both a powerful CAM solution that is easy-to-use and the most affordable SOLIDWORKS CAM Add-in of its kind.

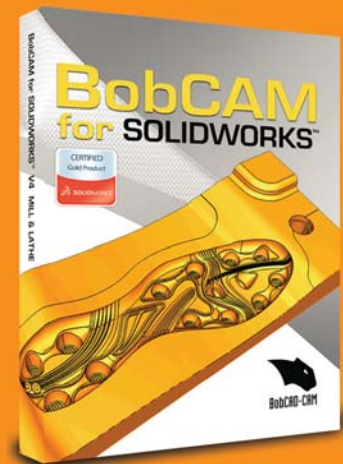
CNC Milling CAM Technology

BobCAM a Gold Partner CAM Add-In provides fast access to strategic machining operations for simple or complex parts. Built-in to the latest SOLIDWORKS design software, BobCAM is the perfect solution for quickly turning innovation into perfectly finished parts!

- **Dynamic Machining Strategies™**
DMS™ enables full control of the operations that are applied to a single machining feature. You can assign any combination of the available operations based on the type of geometry that you are machining.
- **Machining Job Dialog Box**
Immediately start the mill stock wizard when you select a job type and machine.
- **Copy and Paste for Features and Operations**
Save time with similar tasks when creating features and operations.
- **Dynamic Posting Order**
Gain total control by moving individual operations up or down your CAM tree.
- **Stock Wizard, Custom Job Tree**
Wizards cut the guesswork when programming.
- **2,3,4 & 5 Axis Toolpath & CNC Milling**
- **Shared Tool Pattern Dialog Box**
Define commonly used strategies to save time when selecting operations.
- **Job Setup Sheets**
Instantly create setup sheets from your current job information.
- **& Much MORE!**

CERTIFIED
Gold Product

 SOLIDWORKS



3 AXIS STANDARD
3 AXIS PRO

4 AXIS STANDARD
4 AXIS PRO

5 AXIS STANDARD
5 AXIS PRO

2.5
AXIS

2.5 AXIS TOOLPATH

• Profiling & Pocketing	•	•	•	•	•	•
• Engraving	•	•	•	•	•	•
• High Speed Pocketing	•	•	•	•	•	•
• Thread Milling	•	•	•	•	•	•
• Plunge Roughing	•	•	•	•	•	•
• Facing	•	•	•	•	•	•
• Chamfering	•	•	•	•	•	•

3
AXIS

3 AXIS TOOLPATH

• 3 Axis Planar	•	•	•	•	•	•
• 3 Axis Spiral	•	•	•	•	•	•
• 3 Axis Engraving	•	•	•	•	•	•
• 3 Axis Radial	•	•	•	•	•	•
• 3D Plunge Roughing	•	•	•	•	•	•
• Z-Level Roughing	•	•	•	•	•	•
• Z-Level Finishing	•	•	•	•	•	•
• Advanced Roughing		•	•	•	•	•
• Flatlands		•	•	•	•	•
• Equidistant Offset		•	•	•	•	•
• Pencil		•	•	•	•	•
• High Speed Roughing		•	•	•	•	•
• Rest Machining		•	•	•	•	•

SURFACE BASED TOOLPATH (3, 4, & 5 AXIS OUTPUT)

• Parallel Cuts				•		•
• Cuts Along Curve				•		•
• Morph Between 2 Curves				•		•
• Parallel to Multiple Curves				•		•
• Project Curves				•		•
• Morph Between Surfaces				•		•
• Parallel to Surface				•		•

4 & 5
AXIS

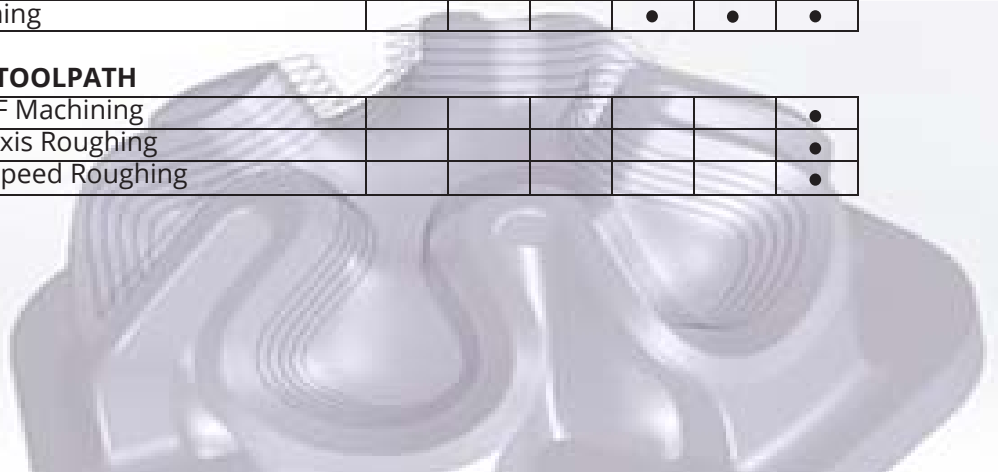
4 & 5 AXIS TOOLPATH

• Indexing & Wrapping			•	•	•	•
• Rotary			•	•	•	•
• Trimming				•	•	•

5
AXIS

5 AXIS TOOLPATH

• SWARF Machining						•
• Multiaxis Roughing						•
• High Speed Roughing						•



Full Machine Simulation

BobCAM now offers machine definitions along with full Machine Simulation. Full machine kinematics can be defined to allow multi-axis posting and simulation support. You can also now create your actual machine with separate STL files to see the machine in motion.

Features Includes:

- Toolpath & Material Mode
- Collision Detection & Reporting
- Tool & Workpiece Focus
- Start, Stop, pause and speed controls
- Time-based & NC - based Modes
- Toolpath & Backplot Controls
- Cycle Time Calculation
- Machine/Part Deviation Calculation
- Available Full Machine Simulation

2 Axis Lathe Also Available

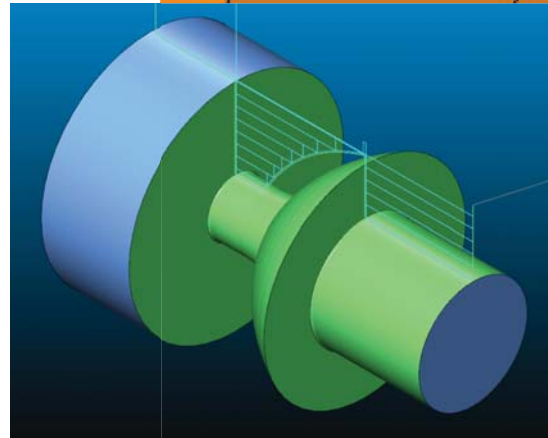
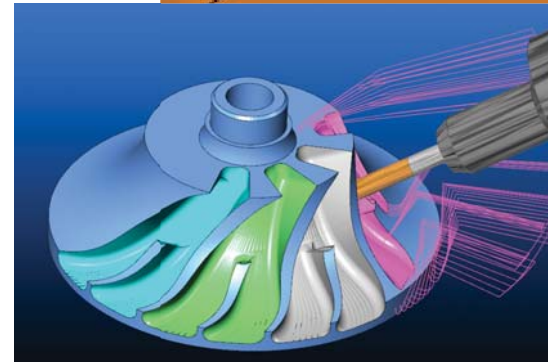
BobCAM for SOLIDWORKS is also available for 2 Axis CNC Lathe. The Lathe functionality includes Roughing, Finishing, OD/ID profiling, threading and grooving. This includes single window virtual simulation, RS 232 Communications and DNC capabilities.

Lathe CAM Features include:

- DMS™ Dynamic Machining Strategies
- Tool Library
- O/D & I/D Roughing
- O/D & I/D Finishing
- Grooving & Slotting
- Multi-Tool Drilling
- Threading
- Tapping
- Facing
- Job Setup & Machining Wizards
- Stock Wizard

NC Programming Features:

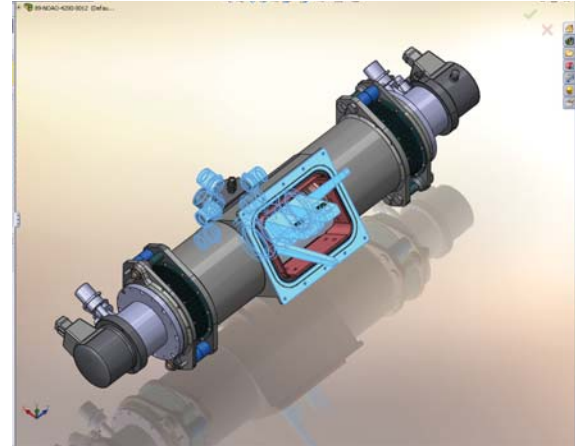
- Customizable G-Code Posting
- G-Code Editor
- Simulation
- Cycle Time Calculations
- Machined Part Deviation Analysis
- RS 232 Communications & DNC Capabilities
- Posting Manager
- Save & Load Machine Features
- Customizable Setup Sheets



Standard RS 232 Communications & DNC Capabilities

BobCAM for SOLIDWORKS includes a powerful post processing engine that is user customizable with hundreds of pre-developed post processors that you can access free online at bobcad.com. Also included with BobCAM are easy to use communications and DNC capabilities for sending your NC Program to your CNC machine.

- Integrated G-CODE Editor
- RS 232 Communications & DNC Capabilities
- User definable Post Processors & A Free Online Post Library

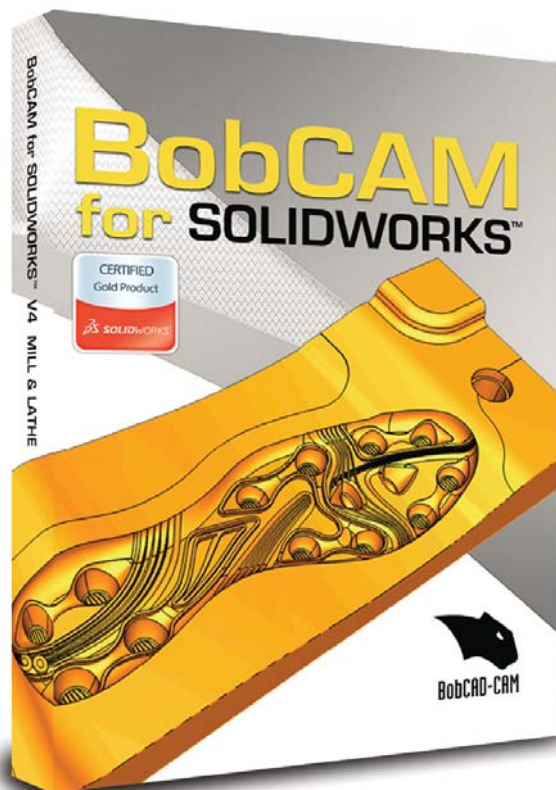
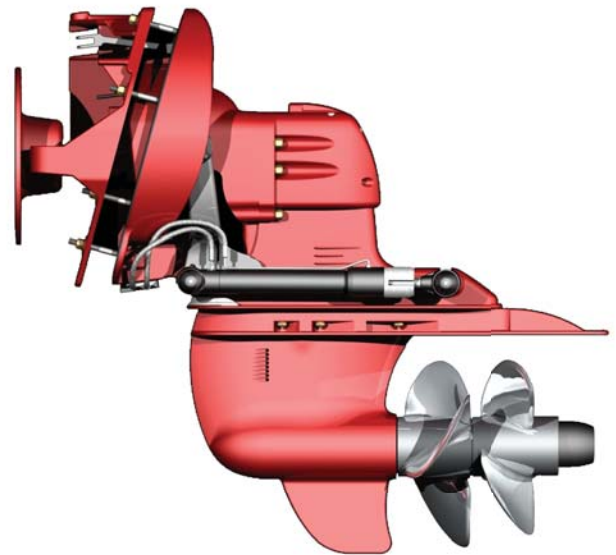


BobCAM for SOLIDWORKS System Requirements:

Please visit:
www.solidworks.com/sw/support/SystemRequirements.html
to review the system requirements for SOLIDWORKS.

Available In The Following Languages:

- English
- Spanish



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