

# MASTERCAM X9 UPDATE 3 README

November 2015



CNC Software, Inc.

# INTRODUCTION

Please review this ReadMe for last-minute product information about Mastercam X9. Report any problems to [qc@mastercam.com](mailto:qc@mastercam.com).

## Operating Systems Supported in Mastercam X9

Mastercam X9 only supports 64-bit operating systems.

Component	Minimum	Recommended
OS	Windows 7 or 8/8.1 64-bit Professional	Windows 7 or 8/8.1 64-bit Professional
Processor	Intel or AMD 64-bit processor	Intel i7 processor
Memory	4 GB	16 GB
Monitor	1280 * 1024 resolution	1920 * 1080 resolution, dual monitors
Storage	250 GB drive with 20 GB free, DVD/USB drive depending on installation media	250 GB Solid State Drive (SSD) with 20 GB free, DVD/USB
Mouse	3-button Microsoft compatible mouse	3-button wireless Microsoft or Logitech mouse
3D Mouse		3DConnexion 3D mouse

## UPDATE 1 ISSUES

Mastercam X9 Update 1 features several bug fixes including the following list:

Category	Description	Number
Configuration	Crash on startup for certain OS / Processor combinations	R-04840
General	Mill-Turn, Mill 3D, Lathe level 1, Wire level 1 license causes "Function not available in Entry" with Curve, Surface, Primitives	R-04702
General	ATP - Custom cutlist Path2 cannot be null exception	R-04747
General	ATP - Only processes one operation per level	R-04448
Geometry	After a period of time Xform functions will not create new geometry	R-04875
Geometry	Xform Offset - Moving an entity in X9 blanks the geometry	R-04736
Interface	Fix issues with separators in right-click menu	R-04735
Interface	Switching a toolpath WCS will crash Mastercam	R-04838
Interface	Plane Manager - NCI not updated after changing plane work offset	R-04245
Interface	Fixed intermittent crash occurring in graphics system	R-04841
Tooling	Toolpath parameter page access is slow on parts with many operations / tools	R-04905
Tooling	Mastercam crash on file open	R-04935
Tooling	Copying a tool from one operation to another is not marking the operation dirty	R-04668
Tooling	Fix zero length line check	R-04755

Category	Description	Number
Tooling	Add check for invalid radius condition on chamfer mill	R-04756
Tooling	"Update All" option is not updating all operations	R-04568
Toolpaths	5ax - Port Expert ignores check surface on lead in moves	R-04759
Toolpaths	5Ax - Locking toolpaths to 4 axis about the X can cause it be rotated about Y instead	R-04788
Toolpaths	5Ax - Multiaxis Linking - Linking move gets inverted in certain conditions	R-04456
Toolpaths	RCTF - not applied when making changes to operation	R-04366
Toolpaths	RCTF changes the FPT, feed and speed after regen of all operations	R-04742

## UPDATE 2 ISSUES

Mastercam X9 Update 2 features several bug fixes including the following list:

Category	Description	Number
Backplot/Verify/Simulation	IOF Simulation - Turret C-angle offset now places toolpath data in different places such as upper and lower turrets	R-05238
Interface	Planes - Opening an X8 file in X9 is changing the work offset number	R-04746
Interface	Plane Manager - Rotate plane dynamically doesn't mark the op dirty	R-04319
Mill-Turn	Need to add support for 5-axis circle mill IOF generation	R-04682
Mill-Turn	Error writing database to disk	R-04992
Mill-Turn	Multiaxis toolpath IOF generation needs to use operation settings	R-04683
Tooling	X8 Slot mill is not importing into X9 correctly	R-05301
Tooling	Tool loses operation parameter data	R-05303
Tooling	Metric DXF holder import is defaulting to inch units	R-05302
Tooling	Failure to add or delete a tool in MCX	R-05285
Toolpaths	Slot Mill start and end not working	R-04983
Toolpaths	Chaining - 'Chain Feature' not working	R-04902

Category	Description	Number
Toolpaths	Toolpath Transform - Rotate is reversing arcs	R-05126
Toolpaths	Chaining - Improve Chain Manager performance with lots of chains	R-05227
Toolpaths	Helix Bore violation	R-05307
Toolpaths	Slot Mill start and end not working	R-05358
Wire	"The parameter is incorrect" warning is issued for Wire operations created with TECH library	R-04916

## UPDATE 3 ISSUES

Mastercam X9 Update 3 features several bug fixes including the following list:

Category	Description	Number
Backplot/Verify/Simulation	Bull tool displays as chamfer mill in Simulator	R-05790
General	Converters: Importing STEP file changes wireframe color	R-04512
General	Create Door: Export to separate MCX looks for mcx-8 and not mcx-9	R-04590
General	Update to Spatial R25SP2 to provide support for the latest version of Catia V5	R-04858
General	Add support for import of SOLIDWORKS 2016 SP0 files	R-05520
General	Parasolid files imported/opened in X9 do not display saved wireframe colors	R-05620
Interface	Graphics: X8 shows edges more clearly than X9	R-05628
Mill-Turn	Relax machine compatibility check for LMD's	R-05416
Mill-Turn	Tool holder is inside the B axis head	R-05795
Tooling	Invalid tool warning in simulator on a good tool definition	R-05304
Tooling	Allow user to override thread pitch in threadmill toolpath	R-05431
Tooling	Old style coolant is not retained	R-05699

Category	Description	Number
Tooling	Set shank type to straight on tools with taper length of zero	R-05828
Tooling	Coolant settings populated from tool library do not persist after confirming the operation	R-05858
Tooling	Crash report	R-05859
Toolpaths	Parallel Cuts Multiaxis: User-defined direction "sticks"	R-05215
Toolpaths	Multiaxis algorithm regression when locked to 4-axis	R-05497
Toolpaths	Rotary 4-axis influenced by Cplane	R-05751
Toolpaths	Feedrate override request not output	R-05819