



# DCAMCUT Release Notes

## 6.0.1.1584

- Issue 562: User defined retraction with overcut on forward strategies generates error during simulation: fixed.
- Issue 560: Crash using DCAMCUT 5.0 drawing templates fixed.
- Issue 558: Ellipses will be interpolated with arcs.
- Issue 556: Using of H000 for G40 mode canceled. May affect the following machines: Mitsubishi FA-S 10/20, FA-S 10/20 DFS, FA-S 10/20 V-Package, FA-S 10/20 V-Package DFS
- Issue 555: Contour entry with lead-in in 3D mode changed. May affect the following machines: Mitsubishi FA-S 10/20, FA-S 10/20 DFS, FA-S 10/20 V-Package, FA-S 10/20 V-Package DFS
- Issue 553: Crash on contour drop fixed.
- Issue 552: Manually enabled "New" toolbar is made inactive when the current document is not a part document.
- Issue 551: Causeless error "Web too large" resolved.
- Issue 546: On some systems the start dialog of the DCAMCUT setup did not work. Fixed.
- Issue 544: Action point definition on approach/retraction does no longer cause a crash.
- Issue 542: Destruction contours made selectable to enable "Reduce" feature.
- Issue 541: Error in visualisation and simulation of 2D contours not located on program plane: fixed.
- Issue 539: DCAMCUT SOLO: Install Microsoft dlls required for thinkdesign setup prior to running the setup.
- Issue 537: DCAMCUT SOLO now requires version 2009.3.250 (ServicePack 1).
- Issue 536: Causeless error "Offset too large" in case of multiple webs resolved.
- Issue 535: If possible, a log file is written during setup which can be transmitted via email in case of installation problems.
- Issue 534: Setup: Browse for lic file on update as well, but only if no lic file already exists.
- Issue 532: Message during setup when customer specific support files had been installed earlier.
- Issue 531: Corrected: Wire thread taper with ucs. May affect the following machines: Mitsubishi FA-S 10/20, FA-S 10/20 DFS, FA-S 10/20 V-Package, FA-S 10/20 V-Package DFS
- Issue 524: Correction of incremental coords output (U/V) in the approach area. May affect the following machines: Mitsubishi FA-S 10/20, FA-S 10/20 DFS, FA-S 10/20 V-Package, FA-S 10/20 V-Package DFS, Mitsubishi FX-Serie (FX10,FX20,FX30), FX-K-Serie, FX-K-Serie Version 5.0 (G-Generator), Mitsubishi RA-Series, QA-Series, FA-Series, FA-V-Series Version 1.0, FA-S-Series Version 3.0, FA-V-Series Version 2.0, PA-Series, FA-VS Series, BA8 Series Version 2.0, BA8 Series Version 4.0, BA8 Series Version 5.0, BA8 Series Version 5.1
- Issue 516: Resolved causeless error "Web too large".
- Issue 461: Resolved bug on selecting detour positioning for open contours.
- Issue 422: Reblend does not generate consecutive blends anymore.
- Issue 357: Coordinate system information remains correct when working on a reference (bug fixed in SW2010 SP3).

## 6.0.1.1504

- Issue 528: May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 527: Correction of refernece positioning syntax. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 526: Corrrcted: Error code 212: CFG invalid. May affect the following machines: SODICK Mark 30 (A320...), 3 digits, SODICK Mark 30 (AP with oil or water quench), 3digits, SODICK Mark 30 (AQ-Series), 3 digits, SODICK Mark 30 (A320...), 4 digits, SODICK Mark 30 (AP with oil or water quench), 4 digits, SODICK Mark 30 (AQ-Series), 4 digi
- Issue 525: Enforce reinstallation of all DCAMCUT files and icons on update.
- Issue 523: Warning to install at least the recommended ServicePack (SolidWorks).

- Issue 522: Integration of CT-Expert using Virtual PC 2007 possible. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 521: Chain selection of elements of closed sketches activated (requires SW2010 SP2.1 or more).
- Issue 518: DCAMCUT SOLO prepared for version 2009.3.
- Issue 517: DCAMCUT integrated in thinkdesign 2009.3.
- Issue 514: Resolved crash on "Not a number".
- Issue 510: Coordinate system is not removed when selected on save or run NC Browser.
- Issue 509: On 2D contour definition, single, closed, it is assumed that the last selected edge should belong to the contour.
- Issue 508: Handled document change on running simulation.
- Issue 504: Occasional crashes resolved.
- Issue 503: Corrected: CT-Expert installation deinstalls DCAMCUT components. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 502: Resolved crash on Clean.
- Issue 500: Avoid crash on Enter or Escape in the contour template dialog when it does not have the focus.
- Issue 499: Output list of header data expanded. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 496: Resolved internal error on reopen a file with NC-Processing.
- Issue 494: Crash on standard positioning fixed.
- Issue 493: Suppress Enter and Escape in NC Browser which otherwise causes repaint problems.
- Issue 488: Simulation of a 2D contour with harmonic rotation cancels with the error "Web too large" if the z-coordinate of the workpiece origin is not the same as the z-height of the 2D contour: fixed.
- Issue 487: Avoid selection of another contour edge on contour definition start(end face selection).
- Issue 484: Fixed some minor 64bit discrepancies.
- Issue 483: Improved selection of foot point for user defined borehole.
- Issue 482: Nonselectable output of destruction contours.
- Issue 480: Remove bore hole labels on undefine.
- Issue 479: Opened DCAMCUT dialogs are closed on document change.
- Issue 478: Resolved face trimming error on open part document.
- Issue 477: Implemented trim of multi web contour faces based on original geometry.
- Issue 476: Error visualising circles with multiple arcs fixed.
- Issue 475: User defined borehole on mid point is reset to standard: fixed.
- Issue 474: Initialisation of job browser with jobs incomplete, job contours are not selectable: fixed.
- Issue 473: Universal database entry with error message. May affect the following machines: MAKINO U32K, U53K, EU64, U86 (Vers. 034), MAKINO U32i, U53i (Vers. 005), MAKINO EC-Series, MAKINO EE-Serie
- Issue 472: New Controls für M23;/M24 and M27/M28/M29 inside of machine dialog. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 471: Subprogram return replaced to M99. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 459: Standard setting for option "Change of Machine - Parameters of Machine are not copied" changed to true.
- Issue 458: Context menu of job browser cannot be activated after using context menu of right mouse: fixed.

- Issue 457: Actualisation of extended machine settings after new configuration. May affect the following machines: CHARMILLES ROBOFIL (Standard), CHARMILLES ROBOFIL 200 (XROBOFIL 260)
- Issue 453: Error fixed selecting start edge of base contour for two-level contours (SolidWorks, only).
- Issue 444: Crash on contour definition with surfaces fixed.
- Issue 443: Implemented download page, release notes, and rss feed for beta testers.
- Issue 442: Collision message on non-intersecting offsets will be generated.
- Issue 440: Removing a contour with a positioning generates error message now.
- Issue 439: Visualisation without work piece coordinates now generates a warning message.
- Issue 348: Resource conflicts resolved.

#### 6.0.1.1306

- Issue 451: Interpolation on approach generates internal error: fixed.
- Issue 448: No reaction on changing definition planes via context menu of contour: fixed.
- Issue 441: Reference point in job leads to endless loop during NC-output: fixed.
- Issue 432: Crash on "Make Solid" in thinkdesign fixed.
- Issue 429: Implemented Release Notes.
- Issue 374: Implemented an RSS feed to inform users about new releases/updates.

#### 6.0.1.1277

- Issue 438: Undercut control by events revised. May affect the following machines: AGIEVISION V CLASSIC, AGIEVISION V PROGRESS, AGIEVISION V VERTEX 1, AGIEVISION V VERTEX 2/3
- Issue 435: Output of technological height optional possible. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 434: Wire breakage safety strategies functions integrated in NC processor. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 433: Geometry strategy functions in NC processor integrated. May affect the following machines: CHARMILLES ROBOFIL 230F/290F/330F/510F, CHARMILLES ROBOFIL 240/440 (CT MILLENIUM CNC), CHARMILLES ROBOFIL 240cc/440cc (CT MILLENIUM CNC), ROBOFIL/FI 240slp/440slp (CT MILLENIUM CNC), CHARMILLES ROBOFIL 690,
- Issue 430: Inconsistent destruction cut calculated with new destruction algorithm fixed.
- Issue 424: Error on copy of destruction property with relative bore circle via drag&drop: fixed.
- Issue 423: Simulation of destruction cut of conical contour: simulation is done cylindrically.
- Issue 421: Error visualising offset change on border of edge: fixed.
- Issue 420: Wire inclination "without" on action point leads to wrong visualisation: fixed.
- Issue 419: NC output on inverted retraction produces internal error: fixed.
- Issue 418: Error on exploding interpolation fixed.
- Issue 417: Bore hole error on simulation of 3D center path fixed.
- Issue 416: Topological edges on 3D contour definition are deleted too early: fixed.
- Issue 415: Inconsistencies on assignment of registers fixed.
- Issue 414: Crash on simulation with collisions fixed.
- Issue 413: The Option "Additional Stop" of the retraction on a forward strategy is not displayed in the dialog: corrected.
- Issue 412: Endless loop during interactive contour definition corrected.
- Issue 411: Simulation wire moves on wrong position: corrected.
- Issue 408: Non reacting window selection in thinkdesign 2009.1 on contour definition on a significant amount of surfaces fixed.
- Issue 406: Solved precision problem when selecting the start edge (borehole dialog).
- Issue 405: Crash on moving retraction with drag&drop fixed.

- Issue 402: Contour selection now works for job templates with multiple jobs.
- Issue 401: Additional offset operates during collision check on false data. May affect the following machines: SEIBU (old Series) - Prg-Nr. 3 digits, SEIBU (old Series) - Prg-Nr. 4 digits, SEIBU A5,A7 with S2-Generator, SEIBU A5,A7 with S3-Generator, SEIBU C3, SEIBU M-Series (M350, M500, M750)
- Issue 399: Resolve Crash when applying a template, doing an update, and closing the document.
- Issue 397: Error applying a template with different approach and retraction strategy fixed.
- Issue 396: Crash on NC-output of a forward strategy with auxiliary geometry fixed.
- Issue 395: Activation of the sketch contour/region selection (requires SW2010 SP2).
- Issue 394: Blending of an interpolated curve adjusts interpolation.
- Issue 393: Flushing control code before reverse cut off outfall added.
- Issue 392: Possibility to configurate stop before revers cut off of outfall.
- Issue 391: Correction of program end sequence in stream output.
- Issue 390: Program plane upper side of secondary plane blocked. May affect the following machines: AGIECUT 100D, 200D, 300D(03.89), AGIECUT 200D+H, 300D+H (12.89), AGIECUT 100D, 200D, 300D (08.90), AGIECUT Sprint (05.92), AGIECUT 120 .. 370 (06.93), AGIECUT Sprint (07.94), AGIECUT AHSS (07.94), AGIECUT HSS (10.96), AGIECUT 200 Volvo
- Issue 389: Correction of reverse point of pendulum mode. May affect the following machines: AgieCharmilles CUT 20, BROTHER HS 50A, BROTHER HS 70A, ONA Aricut, SODICK Mark 25 (A325,A535), 3 digits, SODICK Mark 25 (AP with oil or water quench), 3 digits, SODICK Mark 25 (AQ-Series), 3 digits, SODICK Mark 25 (A325,A535), 4 digits, SODICK Mark 25 (AP with oil or water quench), 4 digits, SODICK Mark 25 (AQ-Series), 4, SODICK Mark 30 (A320...), 3 digits, SODICK Mark 30 (AP with oil or water quench), 3digits, SODICK Mark 30 (AQ-Series), 3 digits, SODICK Mark 30 (A320...), 4 digits, SODICK Mark 30 (AP with oil or water quench), 4 digits, SODICK Mark 30 (AQ-Series), 4 digi, SODICK (Standard old), SODICK Mark 11, SODICK Mark 21, SODICK LN1W (with Linear Controller), A-Serie (3 digits), SODICK LN1W (with Linear Controller), AP-Serie (3 digits), SODICK LN1W (with Linear Controller), AQ-Serie (3 digits), SODICK LN1W (with Linear Controller), A-Serie (4 digits), SODICK LN1W (with Lin, SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium
- Issue 388: Model error on surface produces correct message.
- Issue 386: Erroneous Geometry on exploding action points with negative offset fixed.
- Issue 385: Correction of wire threading processs after wire break.
- Issue 381: Crash on circular approach on spline curve of an open contour fixed.
- Issue 380: Added error message when a DCAMCUT SOLO update is performed with an unregistered thinkdesign..
- Issue 379: Handle assignment of templates with empty jobs.
- Issue 378: Error on NC-Browser after having dropped a program template for AGIEVISION fixed.
- Issue 377: Fixed selection for DCAM templates with multiple jobs.
- Issue 376: Problems solved when changing documents in SW2010.
- Issue 375: Included platform and CAD version in DCAMCUT dlls.
- Issue 373: Added verification of required ServicePacks for SW2009 and SW2010..
- Issue 369: Internal error on nc browser with collision control on 2D contour with center path output fixed.
- Issue 368: Time-limited dongles - misleading message removed.
- Issue 367: Register assignment on contour only valid for XCNC100 and XGEO. Ressources were adjusted..
- Issue 366: Warning for geoemetry elements with lenght less 0.01mm inside approach and retract area.
- Issue 365: Technological height usable from version 3.04. May affect the following machines: AGIE CLASSIC, AGIE CHALLENGE, AGIE EVOLUTION, AGIE EXCELLENCE, AGIE EVOLUTION 2SFF, AGIE EXCELLENCE 2F, AGIE VERTEX, AGIE PROGRESS, AGIE CHALLENGE eCUT, AGIE EXCELLENCE eCUT
- Issue 364: Error on changing direction via bore hole definition on open 3D contour originally consisting of one element, fixed.
- Issue 363: Explizit technological height for destruction cut will be transfered to nc. May affect the following machines: AGIE CLASSIC, AGIE CHALLENGE, AGIE EVOLUTION, AGIE EXCELLENCE, AGIE EVOLUTION 2SFF, AGIE EXCELLENCE 2F, AGIE VERTEX, AGIE PROGRESS, AGIE CHALLENGE eCUT, AGIE EXCELLENCE eCUT
- Issue 362: Interpolation follows surface inclination.

- Issue 361: Internal error on nc browser after copying retraction of an open contour with stop point and interpolated stop point element fixed.
- Issue 360: Dongle drivers compatible with Windows 7.
- Issue 354: Solved bug when selecting a single closed face.
- Issue 346: DCAMCUT-3D geometry is temporary to avoid crash when using it for CAD construction.
- Issue 345: .NET Framework 2.0 will be delivered on SOLO DVD.
- Issue 341: Solved problem concerning degenerated contour faces.
- Issue 340: Resolved thinkdesign crash when pressing RETURN in the contour property dialog with activated quality after selecting a quality.
- Issue 339: Solved problem on user defined approach/retraction on start point of the approach edge with KM1 and pendulum cut.
- Issue 335: Warning on fillet with zero radius.
- Issue 324: Improved performance on reading CAD data.
- Issue 248: Tech offset changes by machine change from and to Seibu. May affect the following machines: SEIBU (old Series) - Prg-Nr. 3 digits, SEIBU (old Series) - Prg-Nr. 4 digits, SEIBU A5,A7 with S2-Generator, SEIBU A5,A7 with S3-Generator, SEIBU C3, SEIBU M-Series (M350, M500, M750)

#### 6.0.1.999

- Issue 338: Resolved crash on visualisation of open contours.
- Issue 337: Resolved crash when saving a part without DCAMCUT data.
- Issue 336: DCAMCUT compatible with Windows 7.
- Issue 334: Problem solved concerning incomplete destruction paths resp. non-terminating destruction algorithm.
- Issue 332: DCAMCUT-Selection implemented for thinkdesign 2009.1.
- Issue 330: Mixed forms of universal and special databases for Charmilles made available again. May affect the following machines: All Charmilles
- Issue 305: Fast multiple definition of break-throughs.
- Issue 253: DCAMCUT integrated in thinkdesign 2009.1.

#### 6.0.1.975

- Issue 329: Event dialogs for inner/outer fillet change revised. May affect the following machines: AGIEVISION V CLASSIC,AGIEVISION V PROGRESS,AGIEVISION V VERTEX 1,AGIEVISION V VERTEX 2/3
- Issue 328: Reactivated main sentence for stream and short job file. May affect the following machines: AGIECUT 100D, 200D, 300D(03.89), AGIECUT 200D+H, 300D+H (12.89), AGIECUT 100D, 200D, 300D (08.90), AGIECUT Sprint (05.92), AGIECUT 120 .. 370 (06.93), AGIECUT Sprint (07.94), AGIECUT AHSS (07.94), AGIECUT HSS (10.96), AGIECUT 200 Volvo
- Issue 327: AccuteX: output generator address in case of universal database. May affect the following machines: AccuteX AU-Series
- Issue 326: AGIECNC100: output main sentence only first.
- Issue 325: Derive drawing with parameter drawing frame lead to system crash when DCAMCUT was active.
- Issue 323: Hidden contours are not selected anymore on mouse window selection.
- Issue 322: AGIEVISION: offset on cut in case of additional offset 0.
- Issue 321: Bore list output: commentsfor boreholes will be removed on part save.
- Issue 319: Implemented maximum radius for "Ignore circles" in the contour definition dialog.
- Issue 318: Fillet prior to interpolated action edges is transferred to NC output.
- Issue 315: A SolidWorks coordinate system that was used for contour definition can now be modified later.
- Issue 314: Simple bore hole templates implemented for SolidWorks.
- Issue 311: May affect the following machines: AGIEVISION V CLASSIC,AGIEVISION V PROGRESS,AGIEVISION V VERTEX 1,AGIEVISION V VERTEX 2/3
- Issue 278: Improved snap functionality for DCAMCUT vertices.
- Issue 266: Enabled network locations for project paths.

#### #Fehler

- Issue 498: Limit for offset register corrected. May affect the following machines: Mitsubishi FA-S 10/20, FA-S 10/20 DFS, FA-S 10/20 V-Package, FA-S 10/20 V-Package DFS, Mitsubishi RA-Series, QA-Series, FA-Series, FA-V-Series Version 1.0, FA-S-Series Version 3.0, FA-V-Series Version 2.0, PA-Series, FA-VS Series, BA8 Series Version 2.0, BA8 Series Version 4.0, BA8 Series Version 5.0, BA8 Series Version 5.1
- Issue 491: Universal database entry not possible. May affect the following machines: AGIECUT 100D, 200D, 300D(03.89), AGIECUT 200D+H, 300D+H (12.89), AGIECUT 100D, 200D, 300D (08.90), AGIECUT Sprint (05.92), AGIECUT 120 .. 370 (06.93), AGIECUT Sprint (07.94), AGIECUT AHSS (07.94), AGIECUT HSS (10.96), AGIECUT 200 Volvo
- Issue 490: May affect the following machines: AGIEVISION V CLASSIC,AGIEVISION V PROGRESS,AGIEVISION V VERTEX 1,AGIEVISION V VERTEX 2/3
- Issue 446: Resolved crash on open dcm file.