



DCAMCUT Release Notes

6.0.Beta

- Issue 1101: Resolved error on tec file backup.
- Issue 1100: Update of the SOLO core to EDMCAD 2012 SP01.

6.0.3387

- Issue 1085: Resolved errors concerning online license updates.
- Issue 1079: Technology AGL-Ws_4.0[01] revised.
- Issue 1077: Error transforming a multiple web contour fixed.
- Issue 1076: Inconsistent name management fixed.
- Issue 1074: User defined approach on split arc generates inconsistent NC output: fixed.
- Issue 1073: Inconsistencies in user defined technology paths fixed.
- Issue 1072: Visualisation of free approach with wrong offset fixed.
- Issue 1070: Corrected: NC processors rejects automatically generated contour names as too long. 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, SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium, 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 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, 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 1065: Internal error with rest material in retraction without web point fixed.
- Issue 1054: Correction of verify during job definition with pendelum mode. May affect the following machines: ONA PRIMA, AGIE CNC100,AGIE CNC100 AC100 Volvo
- Issue 1052: Correction of nc name convection for foreign languages.
- Issue 1045: English menu resources incomplete: fixed.
- Issue 1044: Overcut on constructed approach and direct separation cut results in inconsistent geoemtry: fixd.

6.0.3325

- Issue 1056: Support for SolidWorks 2012.
- Issue 1055: Fixed some bugs concerning geometric in- and output.
- Issue 1053: Technology data for Mitsubishi NA1200/NA2400 with modified generator added. 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 1042: Correction of wire thread control for wire cut cycle direct on contour.
- Issue 1025: Additional dwell time on reverse point of pendelum mode. May affect the following machines: 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, Mitsubishi FA-S 10/20, FA-S 10/20 DFS, FA-S 10/20 V-Package, FA-S 10/20 V-Package DFS
- Issue 1023: Integration of Seibu MA machines.
- Issue 1021: Optional configuration for AgieCharmilles DRILL 20.
- Issue 1020: Inetgration of Multi-TEC mode and submerge commands. May affect the following machines: AgieCharmilles CUT 20
- Issue 1019: Correction of technology setting for finish cut generator codes. May affect the following machines: SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium

Issue 695: NC processor for JS EDM machines (ACRA).

6.0.3186

Issue 1008: Resolved problem of.

Issue 1005: Linear tangential user defined approach/retraction produces error "Bore hole on wrong side of contour": fixed.

Issue 1002: Resolved error detecting whether a contour is inner or outer.

Issue 1000: Display of max. inclination during nc-browser start can be controlled in NC-options.

Issue 993: Offset on separation cut not updated after modification in dialog: fixed.

Issue 992: Transformation: Copied job contours now get a new contour index in their name.

Issue 991: A backup of modified tec files (qualities) will be created on every update. A tec-update now also applies to custom technology paths.

Issue 988: Resolved crash on opening foreign data before any other file is open.

Issue 986: Correction of license activation. May affect the following machines: BROTHER HS 3100..3600, BROTHER HS 3600, SEIBU A5,A7 with S2-Generator, SEIBU A5,A7 with S3-Generator, SEIBU C3, SODICK (Standard old), SODICK Mark 11, SODICK Mark 21

Issue 978: Correction: Setting of conic planes by repeated nc processing.

Issue 973: Error during collision control on interpolated NURBS curves fixed.

Issue 971: Crash on open offset contours and error on closed offset contours fixed.

Issue 969: DCAM commands are disabled during selection.

Issue 964: Correction: Missing G92 using start from reference point.

Issue 963: Correction: Import of technology data.

Issue 962: Two levels contour with synchronisation lines with inclination until 40° now possible.

Issue 961: Correction: Initialisation of cutting heights inside quality dialog. May affect the following machines: SEIBU M-Series (M350, M500, M750)

Issue 958: Correction of nc output for standard job. May affect the following machines: All Mitsubishi

Issue 957: Correction: Generation of wire file name. 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 955: Error modifying existing borehole to borehole defined by element and distance for approaches from circle center to circle fixed.

Issue 953: Resolved gap problem on 2d contour definition via chain.

Issue 952: Dwell time between 2 cuts added.

Issue 949: The DCAMCUT integration in SolidWorks OEM products no longer requires a DCAMCUT SOLO license.

Issue 944: Working with more than one coordinate system is now possible.

Issue 943: Relative position of action point outside of range 0 - 100 % is not caught: fixed.

Issue 941: Restriction of number of decimals in dialog boxes is now considered.

Issue 938: Changed warning message when collision check could not be performed for some contours.

Issue 935: Correction: Length of contour names inside script. May affect the following machines: AGIEVISION V CLASSIC,AGIEVISION V PROGRESS,AGIEVISION V VERTEX 1,AGIEVISION V VERTEX 2/3

Issue 931: Update technology files after change of technology path in options dialog.

Issue 928: Fixed bug: SolidWorks exits on document close.

Issue 919: An error message now rejects a simultaneous installation of DCAMCUT SOLO and DCAMCUT for SolidWorks.

Issue 857: Reanimated automatic borehole recognition for 2D contours.

Issue 845: "Rebuild surfaces" now works as expected.

Issue 779: Improved ruled surface detection.

Issue 661: Bitmap file of the current view is generated side-by-side with the documentation file.

6.0.2828

- Issue 933: Correction: CT Expert integration. 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 930: Language Packs in DCAMCUT Solo have not been installed occasionally - Resolved.
- Issue 927: Action point definition with option "Defined Point" failed: fixed.
- Issue 918: Correction: Filter inside quality 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 916: When creating a 2-level contour, a misleading "collision check failed" message appeared. Removed.
- Issue 912: Warning on contour collisions reanimated.
- Issue 909: Surfaces with loops can be generated now with single definition.
- Issue 907: Resolved EDMCAD uninstall problem.
- Issue 899: Implemented a license manager.
- Issue 896: Internal error during NC output of retraction fixed.
- Issue 887: Resolved problem with circles as predefined bore hole geometry.
- Issue 886: Crash on 3D destruction cut on conical contours with one element: fixed.
- Issue 882: Resolved crash on missing face transition during single contour definition.
- Issue 881: Resolved internal error when trying to simulate a job while another job is opened in NC-Browser.
- Issue 879: Resolved crash on hardlock removal.
- Issue 858: Prompt for dcam.lic during installation.
- Issue 848: Approach/retraction for holes made cylindrical.
- Issue 758: Borehole drawing templates now applicable for 3D as well.

6.0.2637

- Issue 873: Intergrtion of Sodick VZ300L/VZ500L. May affect the following machines: SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium
- Issue 846: Resolved some major setup issues.
- Issue 841: Correction: System error during quality assingment. May affect the following machines: SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium
- Issue 833: Integration of AGIEVISION Softwareversion 7.04.02. May affect the following machines: AGIEVISION V CLASSIC,AGIEVISION V PROGRESS,AGIEVISION V VERTEX 1,AGIEVISION V VERTEX 2/3
- Issue 832: New configurations for generator LQ33W. May affect the following machines: SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium
- Issue 684: DCAMCUT 7.0 now supports SolidWorks 2011.
- Issue 588: Sodick LQ-Serie, AQ750/900L: Olddatabase format implemented. May affect the following machines: SODICK LQW (with Linear Controller), AQ327L/AQ537L Premium, SODICK LQW (with Linear Controller), AQ750L/AQ900L Premium
- 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 468: Language of DCAMCUT is the CAD-System Language.
- Issue 446: Resolved crash on open dcm file.