MDTools® 985 Service Pack 1

Applicability: MDTools 985 with or without Hotfix 01 Installed.

Issues Resolved:

1. After creating the machining callout using the 'Selected Cavity' option, the MDTools drawing command's performance was significantly reduced.

2. Assigning 3 port symbol to a 4 port footprint in the HyDraw Schematic xml, resulted in incorrectly coloring cavity in MDTools

3. For Specific Cavity profile where step1 depth is zero and next step depth is lesser such that it creates invalid geometry, drill sketch appeared flat.

4. The balloon leader location was incorrect when using 'Selected Cavity' option for O-ring Grooves.

5. If a cavity was selected in the browser, double clicking anywhere would launch the rename state for that cavity.

6. Editing the Engraving text on a chamfered face, removed the engraving.

7. The Engraved Text chart did not load the dialog after displaying the warning, "There is no engraved text in the manifold." even after engraved text was added in the manifold.

8. Engraving was not created for text exceeding 28 characters, and editing a rotated engraving caused its location to shift.

9. In the Assembly environment, using the Shrink Wrap command and overwriting the file resulted in an "Object Reference" error message.

10. In Virtual mode, stretching and modifying a block caused the suppressed cavity to become unsuppressed.

11. An incorrect count of the total number of available licenses and licenses in use was displayed upon clicking the OK button in the warning, "Licensed number of users already reached."

12. MDTools retained the net type even after it was no longer relevant, with no cavities containing the net.

13. No Machining ID was prompted for an unsuppressed cavity while creating an automatic machining drawing.

14. No preview appeared when the "Through All" option was selected for creating a cutout.

15. Expander plug CAD models became transparent on certain faces after Assembling.

16. After replacing a cavity in the manifold, the new plug model was not updated in the assembly in Auto Update command.

17. In the Move command, the preview displayed incorrectly for rotated footprints at specific rotation angles.

18. The undercut preview for Sun cavities with a sunken locating shoulder did not display variations in locating shoulder depths.

19. Machining Charts and Callouts did not account for locating shoulder sink in undercut references.

20. An unhandled exception occurred when inserting a cavity with Diameter/Depth optimization options unselected.

21. A display issue occurred when showing the net type in the MDTools browser.

22. When borrowing a license for a set number of days, the License window displayed one additional day upon reopening.

23. When the cartridge valve cavity was assigned to a symbol with ports P and T, MDTools did not throw warnings.

24. MDTools could not insert a footprint when the face was changed, and its location overlapped with the selected footprint or flange

Date: Aug 12, 2025

MDTools® 985 Hotfix 01

Applicability: MDTools 985 Installed.

Issues Resolved:

1. MDTools threw an error while creating the Machining Chart "By Face" when the "Row Separator" option was set to "NO".

2. MDTools was wrongly creating a fillet on the edge with the working area of "Counterbore" O-rings.

3. MDTools failed to open a new part when using the Import MBXML command with specific part files.

4. The Align Engraving command did not function when the engraving overlapped with a cavity feature.

5. Millimeter O-ring machining sequence information was displayed under Inch O-ring machining details.

Date: Jul 02, 2025