

XMD-S 64.10.5 RELEASE 5

Improvements:

- Compatible with KeyCreator 10.5.1 (64-bit).
- Improved progress bars for loading plate solids and rendering 2D drawings.
- The enter key now confirms and closes the Prepare Job dialog.
- When manual hole assignment is used, XMD is much less restrictive about creating holes.
- Increased the limits of plate export fields from 10 to 20.
- Copied plates now are created on sibling levels to the original.
- Generic holes and screws are smarter about which drawings they're shown to.
- Shoulder bushings are now seeing the surfaces when starting a job / inverting the LP assembly.
- New utility command in the XMD Extras menu that will re-measure the cavity and core block solids. This can be used to fix problems where the PL editor gets out of sync with the plate solids. This problem is fixed in XMD 11.0.

Bug fixes:

- Fixed a crash that could happen when running the Load Job dialog while a large job was still active.
- Fixed a crash that could happen when copying ejector sleeve assemblies.
- Installer now leaving .cfg and .dbf registry paths alone on repair/modify if they are set to a valid path.
- The "Drawing Components" step of switching to a drawing is no longer taking a long time on jobs with many components.
- Plates are no longer getting rotated when switching to finished if user has "export entities relative to active construction plane" set.
- Prevent title block from being drawn before the plates, resulting in a really small title block.
- Fixed many bugs we found in the Parting Line Editor.
- Fixed bug that could cause Save As to produce a corrupt .xmd file.
- Fixed bug with chamfer line removal in metric drawings.
- Fixed bug that could cause crashes when rendering low-quality plate solids.
- Fixed bug that could move user plates undesirably when making moldbase editor changes.
- Fixed bug with hole calculations.
- Fixed bug that caused duplicated plate levels when moldbase regenerated.
- Fixed bug that could prevent user from deleting parting line locks.
- Fixed bug with bubblers shifting and being created without drill points.
- Fixed bug where waterlines were adjusting their lengths when intersecting other waterlines.
- Fixed bug with long rail screws not creating access holes in bottom clamp plate.
- Fixed bug with 1/4" ejector sleeve assemblies having retainer plate placed below bottom clamp plate.
- Fixed bug where pin projections were not seeing the surfaces of newly added plates, and were not switching back to the projected color when hitting a surface while animating.

- Major performance improvements.
- Fixed bug that could cause the “Serious error has been detected” prompt when closing a job.
- Fixed bug with the Lemoine option in Export Plate.
- Fix bug where title block was not drawn in rare circumstances.
- Fixed a bug that could cause pins to be drawn incorrectly in section.
- Fixed a bug where adding custom assemblies with user plates could cause crashes.
- Fixed bug that could cause a crash when adding a component, pressing back up, and adding it again.
- Fixed bug where plan drawings had missing lines for 2D part renderings when integrated into plates.
- Fixed bug with changing the size of a standard moldbase mid-design.

XMD-S 64.10.5 RELEASE 3 (3/29/2012)

- XMD is no longer resizing waterlines when they are moved.
- Fixed bug where XMD would hang for a long time when making changes to components on jobs with surfaced plates.

XMD-S 64.10.5 RELEASE 2 (3/23/2012)

- **XMD is much better at coping with poor quality plate solids when generating 2D drawings.** You should no longer have missing plate lines as a result, but the quality of the drawing may suffer. If this is the case, you will be notified of which plate solid is causing the problem.
- Performance improved for view renderings (end views and plan drawings).
- Performance improved for switching to drawings on jobs with a lot of components.
- Fix crash that could occur on very large jobs (that used more than 3.5 GB of memory).
- Fixed a bug where 3d holes were not created when in line with a plate face that has a very sharp angle.
- Fix bug that prevented certain computers from loading XMD.
- Fixed bug with the Modify Title Block dialog. It’s now updating itself when a new title block is brought in.
- The Add Section command is now preserving body colors.

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WHAT’S NEW

- Full 64-bit support.
- The Export Plate command has been completely redesigned, and gives the user many options relating to file type, hole type, and filenames.
- A new Plate Export Configuration utility has been added to the XMD Config program (in Moldbase -> Miscellaneous). This tool can be used to completely customize how plates are exported.
- New “Prepare Job” command which can re-render all the 2D plate drawings and clean out unnecessary files from the job directory. This command should be run before sending the file out.
- XMD is starting to attach BOM information to the component solids.

PLATE IMPROVEMENTS

- A lot of care has been put into maintaining plate face/body colors throughout the design process.
- XMD-drawn user plates will no longer regenerate themselves if custom solid edits have been made to them.
- Winged ejector plates are now measured to include the extrusions, and changing ejector box sizes now works based on their interior size.
- Plate lists are now sorted alphabetically in the Export Plate and Hole Management dialogs.
- Interference Checking waterlines against plate faces is now much faster.

MISCELLANEOUS IMPROVEMENTS

- Smart Pattern browse dialog now remembers the last directory you were in and is now resizable.
- When placing angled bubblers/waterlines, the start position now snaps to the edge of the plate solid.
- Default generic hole movement to single instead of group.

BUG FIXES

- Setup geometry on levels 500.2/500.3 is no longer getting corrupted and crashing KeyCreator when the level is turned on.
- XMD is now creating plates with no chamfers in metric files (if configured).
- Centerlines now centered properly for offset plates in cavity plan drawing.
- Fixed bug with Show to View (some components were not showing).
- Fix bug where guided ejection bushings were drawn too short in section.
- Ejector pins are now projected correctly when off-section.
- Fixed bug where the title block was not encompassing the mold plates.
- When deleting ballooned components, XMD now reports an accurate detail number in the confirmation dialog.
- Fixed bug that prevented the BOM from updating records under certain circumstances.
- Fixed bug where XMD could bring up the "Missing Plate" dialog when working in a different part.
- Fix bug with screw counterbores merging with clearance segment.
- Fixed a bug in the parting line editor that occurred on inserted jobs with non-flat parting lines.
- Many of the text entry fields in various dialogs will no longer round numbers if the user has not changed them.
- Fix bug where components would sometimes be created shorter than desired.
- Fixed some access violations that could occur when:
 - working in 2D (on certain systems).
 - undoing a change on large jobs.
 - adding holes to plate solids.
 - using the "Export 3d Levels" option of XMD Export.
- When adding eyebolts, XMD now properly detects whether or not eyebolts are already present.
- Fixed some bugs with bubbler projections.
- XMD now recognizes when user has moved core/cavity blocks in the x/y.
- Fixed a bug where ejector plates were moving improperly when the ejector stroke / vertical clearance was changed.
- Don't use SHCS head thickness values when determining the minimum clearance length of B/FHCS.
- Ejector box changes on jobs with vertical rails now properly update the rail screw length.
- The select plate prompt now remembers the last selected plate when selected in 2D

- When reading in a plate master, we are now applying the saved plate solid attributes.