Service Pack 3 Enhancement List

Improvements made in Service Pack 3 build 3.02.706:

Pattern Improvements
- CID 324 - Improved Initial Makepat units for Imperial configuration where they were previously showing as metric.
- CID 535 - Improved Draw Type Options.
- CID 64 - Improved Development.
- CID 1127 - Improved Collar Developments.
- CID 1142 - Improved Development.
- CID 1148 - Improved holes on Development.
- CID 854 - Improved faces visibility when Bottom Radius set to 0.

- Improved Fabrication items by allowing functions to be used in calculated dims.
- Improvement made to straight duct patterns as seams were not being removed with the holes.
- Improvements to Bend insulation faces.
- Stability improvement when loading jobs with dampers.

Productivity Improvements
- Improved cloud nesting to restrict processing items from being nested on the context menu.
- Improved cloud nesting to set item statuses to prevent processed items from being selected for nesting.

- Improved Linear Nest part lengths to report the correct imperial units.

General Usability Improvements
- Improvement to nesting to include slits on all duplicate parts when slits are required.
- Stability improvement when using delete NC.
- Improvements made to nesting so that v-notches are cut true to the development profile.
- Improvement made to installed machines, when no machines are listed to remember newly created entries.
- Improved selection drop down lists to stop scrolling when selections are made.
- Enhancements to data views to allow Window Selections.
- Improvement to nesting to include slits on all duplicate parts when slits are required.
- Improved Dynamic Holes Developments.
- Improvements made to Dynamic Holes when branches are mirrored.
- Improved Job Info to increment the number when creating a new job after Batch Process.
- Stability improvements made to Sheet Sectional Processing when used for moving bed machines.
- Stability improvement made to Strip Nesting.
- Improvement made to migration of legacy install where all folders were not being copied over.
- Stability improvement made to Path Repair Tool.
- Stability improvement made when merging using Cloud Nesting.

General Database Improvements
- Improved Material Database columns to be consistent.
- CID 60 - Improved Item Data Export output fields.
- Improved stability on 1D Barcode when data is more than 10 characters.
- Improvement made to Export Items Data when reporting out Square to Round Offset Depth.
- Improved scripting for owned content.

- Improved stability to Product Information Viewer.
- Improvement made to Edit Configuration when a link is added.

Print Objects Enhancements
- Improvement to item gauge print object to always display index number or thickness.

- Improved stability when adding reports that have pressure drop & velocity fields for calculations.

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Post Processor Improvements
- New post processor added to support a new controller by Sente Makina.
- Added decoiler post that outputs a decoiler file in the format required by the TS20100 controller.
- Added MACH 3 support for Tangential/Router tools with feet.
- Improvement made to Sente Makina Post Processor.
- Improvement made to Amada Post Processor for stitched holes.
- Improved TURBODBGEN Post Processor to support updated controller.
- Improvements made to Salvagnini Post Processor.
- Improved Dyna Torch Post Processor to optionally include Block Numbers.
- Improvement made to MachMotion Post Processor.
- Added Mazak L32 Post Processor.
- Added Schneider Post Processor.
- Added SENTEDB1GEN Post processor for Sente Makina Duct board machine.

Service Pack 2 Enhancement List

Improvements made in Service Pack 2 build 3.02.600:

Pattern Improvements
- CID 1113 - Marker notch option added.
- CID 148, 2148 & 2149 - improved annotations in viewer.
- CID 17 - Enhanced insulation development to support mitered inner throat settings.
- CID 2149 - Inlet and Outlet options made visible.
- CID 2160 - Removed dimension error warning when branch values are set to zero but still expecting a valid angle.
- CID 24 - Dynamic hole changed to match the hole, not the plate size.
- CID 2523 - Insulation trimming improvement.
- CID 2882 - Improved to maintain a sensible scale view when setting dim F (Left Collar) to auto.
- CID 4 - Improved insulation to be positioned correctly when inner radius is set to zero.
- CID 40, 2040 & 2041 - Option "Duct Length" renamed to "Pipe Length"
- CID 839 - Development change to correctly match parts where the branch offsets no tangentially to outside of the pipe diameter.
- CID 868 - Centreline and pattern length will now report the C1 to C2 distance.
- Improved collars to no longer require redraw before take-off.
- Improvement made to pipe patterns to always allow you to change the connectors.
- Improvement made to pipe patterns to always allow you to specify pipe length.
- Improvements made to various patterns to cut insulations where holes have been added.

General Usability Improvements
- Improved dynamic holes so that existing holes will be preserved
- Improved sub-assemblies to report the correct price for each component in the assembly.
- Improved the watermark printing feature so now the watermark can print on every page.
- Stability improvements in manual nesting when using combinations of chain cut and undo.
- Stability improvements made to the layer dialog to allow multiple clicking on the background.

General Database Improvements
- Annotation multiplier now calculates as expected.
- Improved .dxf export to allow you to select how much detail to include. See /Pattern Switches/Developments
- Improved database component matching so that each component group will be taking into consideration when matching by name.
- Improved export data wizard by supporting different font sizes, data will no longer disappear from the dialog.

Configuration Enhancements
- Improved "Remember this next time" when selecting a configuration from the start up screen.
- Improvements made when copying configurations so that the correct paths will be displayed, also projects will not be copied.

Post Processor Improvements
- Added a new Swift Cut post processor.
- Improved Mach3 post processor to allow duct board to be cut.
- Improvement made to Mach3gen post processor to include a "Go Home On Tool Change" feature.
- Improvements made to the Forstner post processor to allow overrides on length and connector allowances.

Service Pack 1 Enhancement List

Improvements made in Service Pack 1 build 3.02.502:

Pattern Improvements

- CID 10, 18 - Right Height value functions correctly.
- CID 1170 - Connector node positions corrected.
- CID 1177 - Developments corrected.
- CID 1177 - Double Wall option enabled.
- CID 29 - Collars now reporting diameter or length in item reports.
- CID 3 - Multiple connector adjusts now supported.
- CID 385 - Branch node position corrected when No Pipe option is used.
- CID 4 - Leg length option is always shown.
- CID 4 – Improvement made to pattern to remember the option Throat Type, previously when using "Mitered" and an extension was input, the throat would reset to "Radius" when redrawn.
- CID 4522 - Coupling inverted so now when inserted as open top this displays correctly.
- CID 502 - Stability improvement when opened in previous versions of Autodesk Fabrication products.
- CID 526 - Angle dim is now remembered when part is edited.
- CID 58 - Branch snap node is positioned correctly when branch only option is used.
- CID 7 - Improved accuracy of 3D model overall height if used with a connector with a straight allowance at the OM end.
- CID 8 - Bending information corrected.
- CID 850 - Improved stability when adding straight branch in imperial configurations.
- CID 866 - Corrected hole position when a connector with a straight adjust is used.
- CID 879 - Coupling Plate connector face orientations corrected.
- CID 880 - Faces orientation corrected.
- CID 891 - Branch orientation corrected.
- CID 900 - Improved stability when type set to Vertical Elbow and Redrawn multiple times.
- CID 95 - Resolved overlapping developments when nested.
- CID 966 - Annotations now show in 3D viewer.
- CID 970 - Branch connector location corrected.

General Usability Improvements

- Display Real Values for Auto Data Oval bend CID 106,107,108,109 on reports
- Enhanced Import Export dialog will not display incompatible file types.
- Enhancement PMCut to resolve errors received while loading.
- Improved development of collars to always redevelop when changes are made.
- Improved interoperability on subassemblies between Fabrication Products, 2013 & 2014 versions.
- Improved login/logout functionality to now always present the user with a login window following a successful logout.
- Improved ReCut form so when selecting Request By Type as columns now update correctly.
- Improved ReCut form when cancelled to return to the welcome screen.
- Improved save/export .dxf feature to now use the specified file location.
- Improved stability in job browser when clicking to find next.
- Improved stability in manual nesting after using Simple Cut Order.
- Improved stability where parts lead-ins were undetermined as a machine was not correctly assigned.
- Improved stability with loading IFC files which was causing memory corruption issues.
- Improved various areas of the program to handle file names containing % characters.
- Improved workflow of nesting process when using sheet nesting.
- Improved stability when importing underlays of large file size.
- Improvement made to welcome screen to allow user to edit configuration's databases.
- Supressed multiple confirmation delete warnings when deleting NC data.

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Print Objects Enhancements

- Improved connector location print object as occasionally wrong connectors were displayed, usually when the cad end was not the same order as connectors.
- Improved stability when accessing print objects that were referencing invalid database components.
- Improvements made to database to include gasket Print Objects.

General Database Improvements

- Improved oversize seams to allow unique setting to be entered into Square to Oval & Round to Oval.
- Improvements to tables to allow easier deselection when a select all is active.

Configuration Enhancements

- Improved copy configuration feature so that only the local folders.ini is loaded.
- Optimised ITM file and bitmap loading across networks

Mapprod Improvements

- Improvements made to prevent filter buttons from vanishing when the columns were resized.
- Product Information Editor/Viewer now reads from common file locations.

Post Processor Improvements

- Added the following new post processors:
  - Salvagninigen(64).vpl
  - Sinumericgen(64).vpl
  - Machmotiongen(64).vpl
  - Wammes PA(64).vpl
  - Alarsis(64).vpl
  - Gomech4(64).vpl
  - KEGKatana(64).vpl
- Improved Prima post processor to now load values from condition tables in machine set-up.
- Improved support for diamond stiffening.
- Revised the following post processors:
  - Lockformer 1000D
  - VICON"

Opus Enhancements

- Enhanced to enable leads to be moved.
- Improved stability in Opus element offset if the arc is shrunk to zero.
- Improved stability in when importing a DXF with no developments.

Improved stability when importing parts with marking text.