Advance Steel 2014 / SP1

This document describes the improvements in **Advance Steel 2014 Service Pack 1**.

BOM

- [12754] New token and updated list format for the "Point to point" list to show the connected member part marks individually.
- [12916] Exploded anchor materials are correctly shown on lists.
- [12996] A particular issue highlighting groups in a specific list template is corrected.
- [13262] A particular stability issue during model extracts creation is corrected.
- [13313] Corrected saw length for beams that have a shorten with an angle on both directions.

DETAILING

- A new default to set unique cut view titles per multi sheet drawings.
- A new option to detail several drawings to one PDF files.
- A new option for weld preparation dimensions in single part drawings.
- Improved folded plate line presentation on drawings.
- Improved presentation for beams objects that have new edge and corner features.
- [7164] A particular case where visible lines do not appear on general arrangement drawings is corrected.
- [7625] A particular case where a plate could not be detailed due to collisions is corrected.
- [7801] A particular case where hidden lines appeared as visible on assembly drawings is corrected.
- [9854] A particular case where bolts are incorrectly placed on a customer folded plate is corrected.
- [10525] A particular case where objects in collision could not be detailed is corrected.
- [11846] A particular case where a folded plate weld preparation is not detailed on general arrangement drawings is corrected.
- [12323] An incorrect clipping line for tube sections on general arrangement drawings is corrected.
- [12492] Angle dimension text remains after a drawing update.
- [12681] Missing lines in a cut view for a specific plate are corrected.
- [12803] Camera details can show the entire model.
- [12869] Improved drawing opening speed on Advance CAD.
- [12910] Labels with "Max distance for combining" is also used in processes.
- [12928] A specific case where an incorrect existing drawing was used when detailing from the Drawing Style Manager is corrected.
- [13029] Anchors detailed as symbol no longer hide the anchor holes.
- [13069] Smart dimensions on holes are kept after a drawing update due to geometry changes.

- [13102] A particular issue where the Document Manager does not open on a customer model is corrected.

- [13264] The hole symbol for rotated bolts follows the rotation in the view.

- [13301] Material and coating name mapping on drawings is done automatically from AstorAddIn.mdb and the AstorBase.mdb if not otherwise specified.

GAM

- It is now possible to copy an entire line in the table editor. Changes in cells or lines need to be confirmed by pressing enter.

- [12896] Incorrect language strings on the Polish installation have been corrected.

- [12991] A stability issue when accessing the Default application is corrected.

- [13092] User defined compound sections are transfer by the "Convert database" application.

GENERAL

- Service Pack installer shows build number.

- Updated UK XOX bolts diameter 6 and 8 mm.

- Flange middle object snaps are available for tapered beams.

- If opening a file from an older version, a warning message for the file conversion will appear.

- [10533] Message regarding the return of the license is displayed when the platform is closed.

- [12581] It is possible to change the tool palette theme picture in the XML file.

- [12584] Improved speed for copy and paste of details.

- [12921] Improved speed on Xref connection if the path to the Xref files is not valid anymore.

IMPORT/EXPORT

- Improved GTC exchange for tapered beams.

- [12935] Bolts created by joints are shown with their properties in DWF files.

- [13018] Import Revit proposes per default the *.gtcx file format.

JOINTS

- New extended moment end plate connection dedicated for tapered beam situations.

- [7670] Railing: The angle post connection places the angle leg on the right side of the post.

- [10074] Railing: Horizontal middle handrail interrupts when intersecting the posts if the sloped distances between the axes is different than the horizontal ones.

- [10917] Element contour connections can be used in custom connections.

- [10988] Apex joint can be created also on polybeams.

- [11421] Shear plate also works correctly for polybeams as secondary members.

- [11604] Embed plate – clip angle: Possibility to change the hole tolerance and corrected angle position on angles, channels and hollow sections.

- [11771] Manual bolts on custom connections are updated after model modifications.

- [11788] Parametric cope creates the weld points correctly also if the connection is used on curved and polybeams.

- [11794] Railing: Correct post cut for slopped supporting beams.

- [11931] Single side end plate works for angles as secondary members.

- [11955] Manual features from custom connections are kept in case beams are split afterwards.

- [12418] Single tube braces: Transfer from horizontal to vertical main members work correctly.

- [12574] Single tube braces: Corrected for orientation setting "Perpendicular" with "Total" layout.

- [12580] Bolts on gauge line: "Outer" option shows only the exterior bolts.

- [12730] Bracing macro uses automatically the library entries.

- [13022] Stiffener has changed default creation on channels so that the stiffener is immediately visible.

- [13023] A particular case where the library settings in the spiral stair have not been used, is corrected.

- [13032] Single tube braces can be created if secondary beams are sloped and skewed.

- [13039] Truss: Corrected alignment parameter when applying a library entry.

- [13042] Knee of frame with haunch: A particular case where there connection is created on the opposite column side is corrected.

- [13042] A particular case where the single side endplate is not correctly created on curved beams is solved.

- [13049] Double side end plate: A particular issue where the end plates are created rotated is corrected.

- [13123] Split splice and moment macro works again.

- [13138] A particular case where the single side end plate was not copied multiple times correctly is corrected.

- [13178] Shear plate: Countersunk bolts create the corresponding hole.

- [13238] Parametric cope works correct on mirrored channel sections.

- [13243] Stiffener at UCS is correctly created also when the insertion point is not on the beam system line.

- [13251] Stiffener is correctly created on mirrored channel sections.

- [13261] Clip angle skewed is correctly created on curved secondary members.

MODELING

- Project explorer allows turning off a selected group.

- Match properties work for tapered beams.

- Tapered beam has improved default weld preparation creation.

- Cut at UCS works for folded plates.

- Improved grid intersections snap points.

- [362] Compound beams are displayed with the same color in 2D wireframe and realistic presentation type.

- [5235] Improved identical part detection for copied folded plates.

- [10626] Improved result on plate contours for the split plate at line command.

- [12279] Beams have all required grip points in perpendicular view setting.

- [12327] Two Xrefs inserted in the WCS no longer create a collision in between them.

- [12427] Queries for folded plates also show the folded plate relations.

- [12867] User attributes can be saved in isolated footings.

- [12872] An issue with polybeams on handrails after exploding them is corrected.

- [12891] An issue with the unfolding of conical folded plates is corrected.

- [12909] A particular case where folded plate could not be created is solved.

- [12919] Xrefs with Advance Steel objects are visible in shade mode after opening.

- [12952] A stability problem when closing the bolt dialog box after changing the hole tolerance without confirmation is corrected.

- [12955] Removed warning message while changing copied model views.

- [12958] Corrected graphic representation on a customer model.

- [12993] Improved miter cut for parallel plates.

- [13038] A particular case where the cut plate at UCS did not extend the plate is corrected.

- [13109] Objects are visible during orbit after the objects are unmarked.

- [13144] An issue with the presentation of conical special parts is corrected.

- [13150] Correct audit reporting for negative shortenings on tapered beams.

- [13212] Objects can be again selected after using "Show all" from the project explorer.

- [13272] Multi edit option for bolts brings the correct bolt property dialog box up.

- [13322] It is possible to change the user attributes of a single object from compound profiles.

NC

- A new default to turn on and off the scribing functionality in NC.

- Scribing in NC works for plates.

- Scribing in NC works for attached parts.

- [12816] Saw cut information for T sections in NC is flipped.

- [12874] Plate contours from circular features appear with arcs instead of points in NC files.

- [12914] Cosmetic change on the warning message when creating NC files for tapered beams.

- [13027] A particular issue with incorrect contour points for a custom plate is corrected.

- [13232] Corrected AK block for tube NC contour with development shape.

- [13307] A specific case with an incorrect saw cut in NC for a beam with a contour feature is corrected.

Note: *The number in brackets [xxx] is the GRAITEC Helpdesk reference.*