

Advance Steel 2012 / SP1



This document describes the improvements in **Service Pack 1** for **Advance Steel 2012**.

BOM/LISTS

- [7021] The divide operator “/” can be used on drawing lists.
- [7180] A special case where the anchor quantity on lists was not correct, is solved.

DETAILING

- [4431] Invalid intelligent dimension points are also flagged on vertical dimension lines.
- [5110] Drawing explode keeps the assigned layer for arrow heads.
- [5153] End views for unfolded tubes are aligned with the top main view.
- [5162] Multi edit for title position and scale at the same time in the Detail properties is possible.
- [5458] Improved behavior for move/delete/insert dimension points in particular cases.
- [5665] A particular case where certain weld sizes were incorrectly displayed is corrected.
- [6047] Manually hidden grids remain hidden after a drawing update.
- [6113] Improved grating hidden line and hatch calculation for drawings.
- [6223] Correct dimension points are created on element contour features for copes.
- [6587] A particular case where weld symbols appear incorrectly is solved.
- [6656] A particular case where manual dimensions are moved after a drawing update is corrected.
- [6840] A stability problem with the Document Manager and registering drawings from a customer model when Advance Steel runs on its own platform is solved.
- [6847] Manual cut views consider the depth defined by selected points.
- [6892] A stability problem with drawing update on a customer project is solved.
- [6897] Advance Concrete objects appear on Advance Steel general arrangement drawings.
- [6931] An issue with the camera drawing creation on a specific customer project has been solved.
- [6959] Batch plot using pc3 printer saves the files on the hard drive.
- [7024] Advance Steel Audit can now fix incorrect grating directions set by users.
- [7069] It is again possible to use customized prototypes on Advance Steel running on its own platform.
- [7093] Stair treads are correctly detailed when partially visible.
- [7189] Stability and speed improvement for detailing on Advance Steel running on its own platform.
- [7377] Very small polybeam segments can be detailed correctly.
- The camera token “%CameraDetailNumber” shows only the camera name without the file extension.
- Editing prototypes when Advance Steel is running on its own platform no longer freezes Advance Steel.

DSTV-NC/BOM

- [3818] Changes in weld preparations trigger an NC file update in the Document Manager.
- [4286] Plate features are shown in both views.
- [4835] Workshop bolts are placed in the correct number range.
- [7207] DXF files for plates are also created if the default to write simple entities (lines, arcs) is activated.

GRAITEC ADVANCE MANAGER

- Several improvements to the Table Editor application

IMPORT/EXPORT

- [4942] Part mark counter information is written to 3DDWF export files.
- [6524] Corrected SDNF import for a specific customer project.
- [7092] A stability problem with the export to PDF is corrected.
- Improved beam justification for imports from Revit

JOINT DESIGN

- Several design calculation corrections in various joints.

JOINTS

- [1442] HSSBracings: improved gap settings for tab plate.
- [2474] Double side end plate works on angles.
- [4104] Moment connection: corrected weld preparation on curved beams.
- [5033] Single tube bracings: Brace-T offset moves the gusset plate.
- [5135] Timber objects are available for “Copy by template” functionality.
- [5955] Shear splice plate also works on column beam situations.
- [6132] A specific case where the apex joint moved the reference position is corrected.
- [6366] Moment end plate creates the shim plates without collisions.
- [6393] Gable wall joint places bolts on gauge line also if there is only one bolt row.
- [6565] End plate joint works for curved beams.
- [6958] Base plate cut works correctly for all dimension layout settings.
- [6984] Corrected bolt positioning for “bolted on gauge line” command.
- [7110] Generic single purlin joints create the overhand and stub correctly on plates as main member.
- [7132] Generic single purlins are correctly created on purlins not perpendicular to the rafters.
- [7158] Embed plate creates the clip angles correctly when a reference point is selected.

- [7194] A stability problem when saving the settings from SEPurlin in the library, is solved.
- [7211] Generic double purlins have a corrected sleeve position.
- [7252] FourDiag_MiddleGusset_New can be created on a specific customer project.
- [7313] Corrected insertion point for Apex double haunch joint on two collinear beams.
- [7353] Turnbuckle joints also support a cut back option in reference to plates.
- [7390] Cage ladder moves outwards according to wall connection.
- New generic purlin joints work on curved beams.
- New single purlin joint with custom cleats.
- New double purlin joint with custom cleats.

MODELING

- [4246] Joint driver points are visible in model views.
- [4887] A particular case where a certain plate feature was not mirrored is corrected.
- [5229] It is possible to snap to the collision body between user sections and folded plates.
- [5690] Transfer properties also works between railings of different lengths.
- [6089] An unnecessary warning in a specific case during polar array is removed.
- [6144] Copying the bolts in a specific case connects the objects correctly.
- [6173] Perpendicular object snap works correctly when used along an RHS section.
- [6342] Copied features on folded plates keep their orientation.
- [6358] Intersection snap points work between beam system axes.
- [6671] Exiting orbit mode on a single object does not make all previously hidden elements visible again.
- [6837] A stability problem when using several view ports on the standalone version is solved.
- [6877] A specific problem with the user profile creation on a customer file is corrected.
- [6918] Changing the presentation mode to “Shade” works fine on a specific customer model.
- [6945] Corrected threaded anchor presentation.
- [6999] A specific situation where the polybeam did not have weight properties is corrected.
- [7008] Xref objects are correctly considered by the model views.
- [7019] A stability problem when using copy on plain CAD objects, has been solved.
- [7114] Snap points for special parts are available when Advance Steel is running on its own platform.
- [7203] Undo on stretched compound beams works correctly.
- [7241] Undo “cut plate at another plate” works correctly.
- [7273] It is possible to copy from one drawing to another when Advance Steel is running on its own platform.

MISCELLANEOUS

- [6020] Corrected snaps for reference axis selection during user profile creation.
- [6902] Advance Steel running on its own platform allows a 5-day trial period.
- [6985] Corrected anchor definition for SPIT FIX II diameter 12.
- [7023] The Hungarian version has menus in Hungarian.
- [7136] Preliminary mark column can be removed from the model browser.
- [7231] Corrected Dataconfiguration.XML file for the Czech version.
- [7317] Improved speed for model views.
- [7326] Updates for Russian AS Metal application.
- [7352] Updated Russian BOM Templates.
- Improved model browser speed if “drawing references” are used.

NUMBERING

- [7119] An issue where different assemblies have been identified as identical in a customer case, has been solved.
- [7262] Exploded and bound XRef get numbered.
- Preliminary numbers can be assigned to single beams from a compound or welded profile.

Note:

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