

Advance Steel 2009 / SP2



This document describes the improvements in **Service Pack 2** for **Advance Steel 2009**.

MODELING

- The generic aluminum systems section works on a 64-bit platform and it can be stored in the library.
- The total quantity of elements is correct when the user places the elements in different lots/phases.
- The circular plate works correctly.
- A folded beam with cuts can be modified by its grips.
- A particular case where Advance Steel did not automatically detect a collision between a folded plate and a plate has been corrected.
- Splitting a plate with cuts on its edge does not create unnecessary additional cuts.
- Moving a single axis of a grid no longer produces errors.
- A particular problem when creating a weld preparation on a plate has been corrected.
- Anchor bolt behavior works similarly to Advance Steel 8.1.
- The length of a polybeam having a rotation is correct.
- The “Divide and measure” command works in imperial units.

JOINTS

- The cap plate joint works on a 64-bit platform.
- The single & double purlin connections better support METSEC Z & C sections.
- The single side end plate joint takes into consideration the value given for the edge distance of horizontal bolts when the beam is a C or a U profile.
- The railing anchor joint works with the "Outer tube" connection type.
- The UK cold rolled accessories struts used in the joints have been updated.
- The double side clip angle joint produces a correct result for sloped beams.
- A case where the HSS bracing - 2 diagonals on flange joint did not work has been corrected.

JOINT DESIGN

- “Front plate splice” joint: Joint Design according to EC3 correctly calculates the plate dimensions in the automatically created report.

LISTS

- Exploded bolts are correctly displayed in a BOM.
- The structured list with bolts contains the right bolt quantities.
- Closing the template units window of the DSTV Template in the BOM does not display an error message.

DETAILING

- Users can specify a width factor less than 1 (e.g. 0.8) for text labels.
- The document manager automatically places the drawing of a deleted part in the “Model object deleted” branch.
- The document manager correctly updates the BOM on a drawing when the user moves a view from one drawing to another.
- Adding a weld preparation on a plate correctly places its workshop drawing in the "Update required" category in the document manager.
- Changing the dimension properties during their creation could cause a crash; this has been corrected.
- Creating a general arrangement drawing from a model that includes Xrefs produces a correct result.
- A particular presentation problem with curved beams on drawings is corrected.
- The “Necessary view wizard” dialog box allows the selection of several lines and the deletion of the lines in one step.
- Exploding a drawing from the document manager does not remove the revision table from the drawing.
- The "Selected main parts with single parts" process does not recreate the workshop drawings if they have already previously been created.
- A particular case where the drawing update could make some elements disappear from the drawing has been solved.
- Adding a label to a grating element within a drawing produces the correct weight value.
- Changing the scale for a view showing a folded plate no longer duplicates the labels inside this view.
- A slope triangle created automatically by Advance Steel uses the default dimension style.
- A drawing style configured by the user and based on "Point type selection" automatically creates the expected dimensions.
- The elbow is correctly represented within its workshop drawing.
- The variable grating elements get hatches on drawings (if required).

DSTV-NC FILES

- The DStV BOM correctly reports exploded bolts.
- The NC-DXF files correctly show cuts made on folded plates.
- A particular case where a space was incorrectly written in the Signature (SI) block has been corrected.

IMPORT / EXPORT

- Importing a CIS/2 or an IFC2x3 file created within Advance Steel correctly imports the bolts and creates the corresponding holes in the parts.
- The drawing number of a part can be part of the exported KISS file.

MISCELLANEOUS

- Management Tools: the “Load settings in Advance” icon works.
- The Advance Steel audit command better detects incorrect folded plates.
- The “Folded plate name” default only affects folded plates.