

## Advance Steel 2010 / SP3

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This document describes the most important improvements in **Service Pack 3** for **Advance Steel 2010**.



## **BOM/LISTS**

- [344] Stability problems with the BOM creation are solved
- [638] Corrected “Saw cut list with pictures” information for T-Profiles
- [837] Corrected template units
- [858] Improved behavior for the “unfold” option for curved and polybeams

## **DETAILING**

- [510] It happened in a specific case that the position number on the page header received an additional “Comma”, this is solved
- [571] A special case for incorrect clipping presentation is solved
- [505] Cases where adding 3D views on workshop drawings make the drawings appear in the “Update required” branch is corrected
- [514] A problem with the unit precision in imperial is corrected
- [618] A specific case where the green detail frame gets too big, is corrected
- [726] A stability problem to create overview drawings on a specific project is corrected
- [739] “ESC” interrupts the drawing creation
- [757] Corrected grid labels in camera details
- [777] Process dependent on UCS work correct
- [437], [798] Missing line types for hidden lines are automatically loaded
- [312], [721] The existing defaults to label according “Type” or “Model role” are not considered anymore for manual labels
- [811] Improvement for specific cases on polygonal plates to define better detailing orientation.
- [847] Special parts are completely displayed on overview drawings
- [873] Improved hole presentation & labeling
- [888] Shear studs are shown again on overview drawings
- [668] Circular plate features are automatically dimensioned
- [887] Renaming drawings after Revisions gives the expected result
- [892] Delete drawings also deletes the dwg file
- [904] Improved folded beam length calculation
- [901] Same detailing behavior between styles called from icons and from the Drawing Style Manager
- [935] Bolts can be dimensioned manually by using the “node” object snap
- [905] Automatic dimensions for curved beams
- [952] It is possible to have special scales settings in drawing processes
- [978] A stability problem for shop drawing creation is corrected
- [922] ACIS objects in Xref files are displayed on overview drawings

## **DSTV-NC/CAM FILES**

- [669] Polygonal plates are shown correct in the NC-DXF files
- [697] Small radii are shown correctly in NC-DXF files
- Unicode improvement for CAM files to display proper characters
- Corrected default path and name for Ayrshire CAM files in ACAD 2010
- [751] AK block creation for plates according to the default setting

## **IMPORT/EXPORT**

- [531], [737] STAAD import: Mapping dialog appears again for unknown profiles
- Stability problems with the GTC import are corrected
- [827] Improved SDNF import from StruCAD

## **JOINTS**

- [357] Moment connection works on steep situations
- [387] Wind bracings work on U profiles as main members
- Splice: It is possible to edit the “number of rows”
- [309] Wind bracing creates by default workshop welds
- [893] Miter connections works in more cases
- [544] Cage ladder support square and rectangular hollow sections for the wall connectors
- [723] Stairs macro correctly stores the grating class in the library
- [771] Gusset plate for three diagonals considers all bolt distances
- [810] An unexpected behavior in the generic double purlin joint is corrected
- [860], [865] Railings: improvements on middle handrails
- [846] End plate doesn't create anymore an increased gap in a specific situation

## **LOCALIZATION**

- Czech translation correction
- [679] Russian models from older versions can be converted to the latest one
- [682] Grating model role is available for the prefix settings
- [794] Updated South African pipe profiles

## **MODELING**

- [536] Contours in gratings are considered for the weight calculation
- [586] The default for the folded plate unwinding method is used again
- [589] A stability problem with the audit, on a special project, is solved
- [565] A problem with the “plate miter” functionality is corrected
- [752] Add and remove from connection also works for grating objects
- [755] Corrected grid numbers for grid sequences over 10 axes
- [836] Improved Advance copy to work with 3D polylines
- [442] Improved saw cut lengths calculation for full depth cut beams
- [971] Improved template copy

## **NUMBERING**

- An issue with the post numbering method “Assembly group” is corrected
- [891] Improved numbering behavior for special plates

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**Note:**

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