

Advance Steel 2010 / SP2



This document describes the improvements in **Service Pack 2** for **Advance Steel 2010**.

Advance Steel 2010 SP2 is Windows 7 compliant!



BOM/LISTS

- New sorting option in “Drawing index” lists
- List template customization is kept in all cases after saving
- Lists can be created for spiral beams, for example, used in the spiral stair macro
- A specific problem with the UK list scripts is corrected

DETAILING

- Detail explode keeps the lists in the exploded file.
- Some stability problems with drawing creation and update on specific models are corrected
- Some stability problems with label creation and editing are corrected
- A scaling issue with camera drawings is corrected
- The width factor token works for detail labels
- Compass presentation is not causing anymore extended view ports
- Grid lines are again shown on node details
- Grid lines can turn off their labels
- Advance Concrete objects are shown on drawings
- AutoCAD objects are shown on drawings
- Details show the environment members at first drawing creation and not only after an update
- Problems with adding an additional view or detail to an existing drawing are solved
- Processes from loaded Country AddIn’s can be used
- Attached gratings are considered for cut view creation
- Detail page header keeps the text justification
- Automatic text style assignment for level symbols
- Process option to change detail sheet on next main part works
- Detail views keep their position after an update in all cases
- Detail update does not change the drawing name in certain cases anymore
- Curved beam unfolding details can show holes
- Default for view positioning works
- Punch marks are shown on shop drawings
- A special case where assembly drawings according the UCS created a wrong view is corrected
- Changing the labeling font updates correct the text
- Moving a detail frame by using drag & drop moves also the title text and labels
- Xref’s can be used again for detailing
- Details can be moved by drag & drop from one drawing to another
- Shear studs appear again on drawings in the normal presentation

DSTV-NC/CAM FILES

- Bolt holes close to the folded plate edge are presented correctly in NC
- Scribing is also available for plates
- Correct sag bar lengths in CAM files
- Some stability problems with the CAM creation are solved
- Plate NC-DXF files are flagged correctly as update-required for changed holes

IMPORT/EXPORT

- GTC synchronization works for compound beams
- A particular case where the KISS file export did not contain the drawing number is corrected
- Some stability problems with the file export are resolved
- The PSS export correctly groups the main parts

JOINTS

- Structure element bracing: Pipes are added as available sections to the macro
- Structure element bracing: Lot/Phase information can be assigned to the bracing members
- Structural element purlin: South African profiles added
- Shear plate: Stability problem resolved
- Shear plate: Round cope contours are created as selected
- Shear plate: Bottom cope “Cut and flush” improved for skewed conditions
- Shear plate: All necessary information is stored in the joint library
- Clip angle: Improved cuts on secondary beam
- Clip angle: Slotted hole length parameter is shown in the dialog box
- Beam clearance macro works in imperial units
- Some stiffener collisions in different macros are corrected
- Some stability problems in different macros are corrected
- Tube end to end: Rectangular sections cannot have a round end plate
- Tube end to end: Improved bottom ring plate creation
- Miter: Works correct for offset beams
- Front plate splice: Option to define lower weld settings independently
- Flange haunch can be used on T-sections
- Cope functionality works correct on U-sections
- Straight stair: Tread dimension page is available for grating top and bottom treads
- Spiral stair: It is possible to extend the top handrail
- Railing: A problem with middle hand rail alignment is corrected
- Cage ladder: New option to rotate the stringers if they are angles
- Mezzanine floor: HiSpan sag bar 19x1 added
- Cladding: It is again possible to create an opening in an existing cladding area
- HSS bracing with sandwich plates doesn't cause collisions between the main member and the gusset plate
- Non-continuous purlin macro: Name correction for METSEC-C profiles

- Cage ladder: Additional round, square and rectangular hollow sections are available for the rungs
- Gusset plate at one diagonal doesn't cause collisions for the end plate
- Tube bracings: The option "square to main" works correct
- Several corrections for the cold rolled macros, e.g. supported sections

JOINT DESIGN

- Joint properties used for the design are displayed in "BOLD"
- Node forces are recognized by the joint design
- Some corrections for the "Bolts bearing verification"
- Some corrections for the "Bolts tension verification"
- Corrected display for "nv" coefficient in the report

LOCALIZATION

- Russian profile update
- Updated default values for model view for the Czech Version
- Management Tools shows correct Japanese characters
- Some French translation errors are corrected
- Translation correction so that "Advance copy" works in the Polish installation
- Double side clip angle joint library had a missing column in the UK installation
- Translation corrections for the Romanian Version
- Translation corrections for the Czech Version

MODELING

- Special parts can be used under Windows 7 and XP 64-bit version
- Grating considers the span orientation for the lengths calculation and detailing orientation
- Some display problems with "Quick view" on object and joint are resolved
- It is again possible to explode the section contour
- Model views are not anymore active after reopening a model and drawing creation or update
- A specific problem if a twisted folded plate contains more than 800 folds is corrected
- Filter function can be used on folded plates with different attributes
- Curved and poly beams can be split even on small angles
- Some problems with the "Clash check" are corrected
- It is possible to set a gap value for compound hollow profiles
- Copy by template, multiple works also for model situations with several secondary members
- A problem with the circular plate command is corrected on 64bit Versions
- A problem with the hole tolerance for threaded holes is corrected

MISCELLANEOUS

- Merging database correctly updates the railing libraries
- Some defaults are moved to a better category
- Ayrshire CN profile selection refers correctly to the available sections
- Advance Steel 2010 starts correctly on ACAD 2010 and Windows 7
- A startup error on all ACAD platforms is corrected
- Correct 3Ddwf export from Advance Steel
- Management Tools: Elements can be erased from a bolt assembly without problems
- Grating conversion from Advance Steel 2009 to 2010 works fast and correct
- The model browser allows multiple item selection
- The Document Manager allows drawing opening by double click on it
- A problem with the weight limited license and gratings is corrected
- Saving with proxy graphic works again

NUMBERING

- A special case where the part mark is lost after renumbering is corrected
- A prefix can automatically be assigned to a folded plate
- Post numbering method "Assembly group" works correct with numbering method "With drawing number"