

Advance Steel 2012 / SP2



This document describes the improvements in **Service Pack 2** for **Advance Steel 2012**.

BOM/LISTS

- [7021] It is possible to create formulas with divisions (“/”) in drawing BOM’s
- [8103] Un-numbered bolts are shown with a “-“ on drawing BOM’s
- [8308] A special case where the sorting was not according to single part marks is corrected
- [8372] Anchors appear correctly in BOM on drawings for assembly drawings
- [8337] A special case where the single part mark of the assembly was not shown is corrected
- [8468] & [8463] Correct BOM creation on models that are only numbered with preliminary number
- [8582] It is possible to sort according to the preliminary number
- [8586] Bolt list shows anchors on special parts also if “Based on assembly” option is selected

DETAILING

- [7444] Grid end point dimension remains after a drawing update
- [7616] An issue with a deleted solid appearing again on a drawing is solved
- [7717] A special case where an extra hole appears on a fold is solved
- [7723] A special case where two weld preparations at the same edge have not been displayed is solved
- [7874] A special case where a drawing was created incomplete is solved
- [7902] Drawing update keeps the correct bolt label quantity
- [7921] Smart dimensions recognize correctly bolts on overview drawings
- [7921] If default C40_EraseIncorrectDimensionsOnUpdate is set to “no” then the deleted dimension remains removed after an update
- [7952] Printing from Document Manager sends the files in ascending order
- [7986] & [8031] A problem with the reserved area on prototype files is corrected
- [8077] A stability problem with the preview in the Document Manager is corrected
- [8122] Preliminary part mark labels display information only from selected objects
- [8285] A special case where not all created drawings are registered is corrected
- [8305] Smart dimensions recognize correct anchors on overview drawings
- [8396] Custom color for arc dimension line is correctly used
- [8437] Hole symbol is correctly used on Advance CAD version
- [8486] A stability problem when detailing a specific folded plate is corrected
- [8510] Corrected manual angle dimension update for a specific customer case
- [8612] A specific case where an additional insertion point is created on drawings is corrected
- [8649] Detail title text style is kept on detail explode
- [8660] Corrected level symbol presentation in cameras
- [8679] Corrected unfolding lengths for polybeams with holes/bolts on them
- [8690] It is possible to create unfold drawings for polybeams made from 3D arcs

GRAITEC ADVANCE MANAGER

- Several improvements to the Table Editor application
- [7732] Default applications works correctly on Italian Version
- [7909] Default application switches correctly the default “C40_StandalonePartsDetailing” on the French installation
- [7930] Default applications works correctly on Czech Version
- [8125] Merge settings works correctly also on active profiles
- [8256] Default applications works correctly on Russian Version

IMPORT/EXPORT

- [7619] A stability problem when importing a CIS/2 file from Robot is corrected
- [8066] A stability problem when importing a moment end plate connection from Advance Design is corrected
- [8532] A stability problem with “Publish” is corrected
- [8598] Corrected ACIS file export from Advance Steel
- [8674] A stability problem with the SDF 3.0 export is corrected

JOINT DESIGN

- Several design calculation corrections in various joints including [7996], [8259] and [8621]

JOINTS

- [7383] Shear plate: Improved plate shape for compound beams
- [7385] Truss: Double profile option preserves the profile symmetry
- [7813] Gusset plate at one diagonal: Corrected plate arrangement toggle
- [7814] Tube connection with sandwich plates: Total layout option works correctly
- [7845] Turnbuckle direct bolted bracing: Corrected creation for a specific customer case
- [7853] Oversized slotted holes are available in the new purlin connections
- [7948] Anchors are used correctly in base plate joints created by quick connection functionality
- [7980] Gusset plate (triangle) can be copied to other model situations
- [8338] New purlin connections also work on curved beams
- [8346] Railing: Corrected post fixing connection plate
- [8363] Single and double purlin plate joints update correctly
- [8395] Anchor base plate: Anchor lengths parameter works correctly
- [8461] Truss: Vertical distance “side height” is applied correctly to both sides
- [8484] Apex haunch: Possible to set haunch to “plate” or “none”
- [8484] Apex haunch works on curved beams
- [8537] Single tube brace gusset: Corrected projection direction
- [8698] Gusset plate to column and base plate works on compound beams

MODELING

- It is possible to cancel the clash check
- [7299] An issue with a plate feature that created an invalid object body is corrected
- [7384] A specific issue with ortho stretch points is corrected
- [7803] Multi-Edit for all anchor parameters is available
- [7953] The “show all” command brings back all isolated parts
- [8148] A specific user case where a folded plate could not have been created is solved
- [8245] It is possible to define the length/width values in the variable grating property dialog
- [8297] An isolated case with presentation and selection problems on a customer model is corrected
- [8444] Improved cut at UCS for polybeams
- [8558] Chamfer and fillet features on folded plates are correctly created with the US Version

MISCELLANEOUS

- Australian Metalform Z and C sections
- Australian Stramit Z and C sections
- [7624] Plotting interrupted lines considers the assigned line scale
- [8475] It is possible to check out objects in Multi User mode on the Advance CAD version
- [8444] Profile sorting in the dialogs is according to the database definition
- [8552] A problem with batch plotting to physical printers on the Advance CAD Version is solved

Note:

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