

WHAT'S NEW IN ADVANCE STEEL 2011

Advance Steel 2011 is fully part of the BIM and easy-to-use GRAITEC Advance 2011 suite, and it dramatically increases general detailing and fabrication productivity in the shortest time. It is the most comprehensive and efficient structural steel detailing software available today.



New features in Advance Steel 2011:

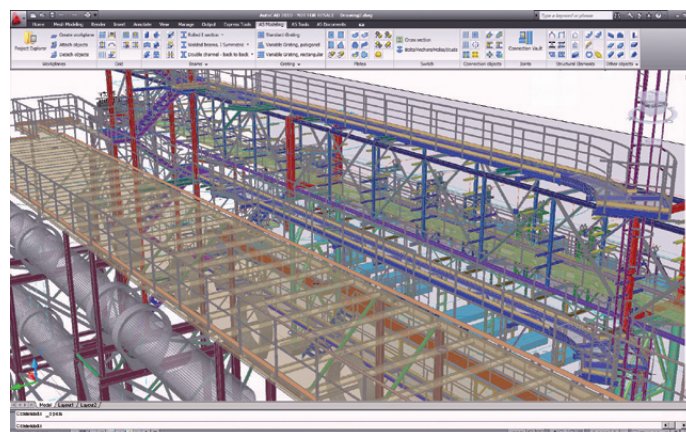
- GRAITEC Advance Manager for easier customization of settings and libraries
- New project explorer to speed up modeling and divide projects into logical sections
- Many new automatic connections
- Various types of available anchors with real and exact representation
- Quick documents for faster document creation
- Smart user dimensions
- Automatic revision with the display of revision clouds

New common installation

One single DVD for installation of the complete GRAITEC Advance 2011 suite.

GRAITEC Advance Manager

- New user interface to customize main settings
- Easy library customization (anchors, bolts, etc.)
- Easy license management
- Interactive tips
- Direct access to online help and guides



Model courtesy from HUTNI PROJEKT FRYDEK MISTEK (Czech Republic)

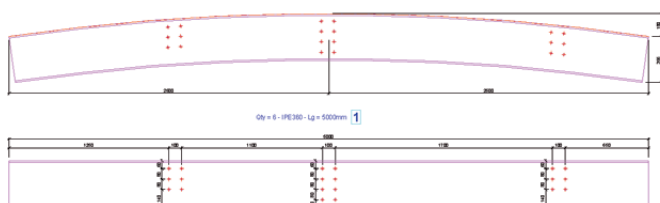
Improved ergonomics

- Enhanced ribbon and palette
- Easier access to frequently used tools
- Better material grouping in dialog boxes



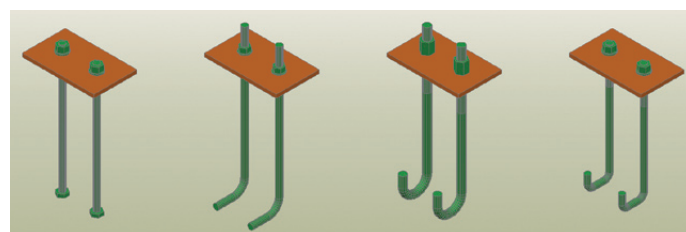
Management of cambered beams

- New option to introduce camber to a member
- Automatic display of camber in the workshop drawing



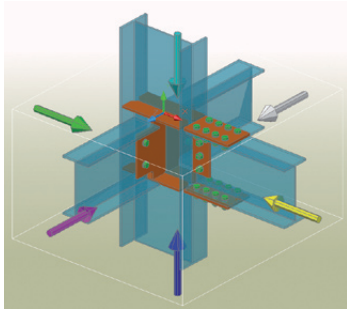
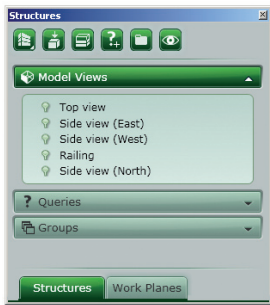
Anchors

- Several available types: straight, headed, hooked, J and threaded
- Available in all base plate automatic joints



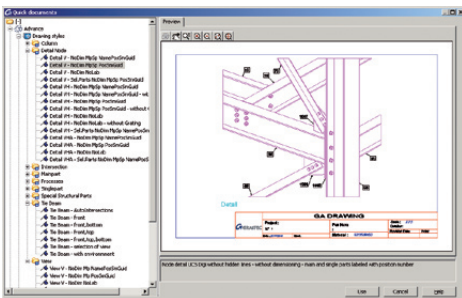
New Project Explorer

- Manage and divide your project into different logical sections
- Manage your large project by levels and model views
- Create user queries and save them for a later reuse
- Activate and view only the area where you want to work
- Use work planes and attach/detach elements



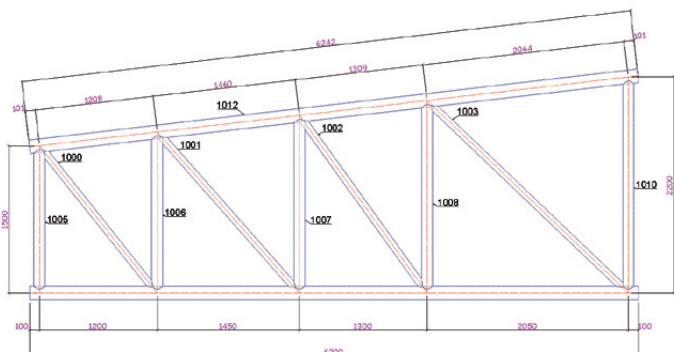
Quick Documents

- All documents created from a common unique place
- Better control of preferred drawing styles and BOM templates
- Available preview for easy understanding of the result



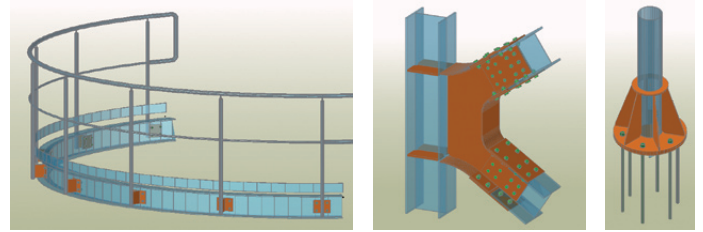
Smart user dimensions

- Dimensions added by the user adapt to new situations
- Update of the dimensions even for deleted objects in the model
- Spending much less time cleaning drawings after an update



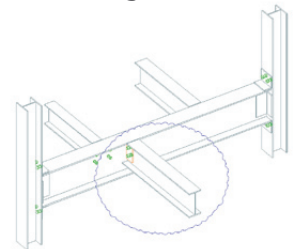
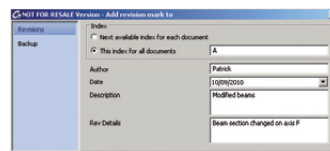
Many new automatic joints and macros

- New base plate joint for tubes
- New seated connections
- New I bracing connections
- New options for stiffeners in existing joints
- Railing along a curved beam or a polybeam



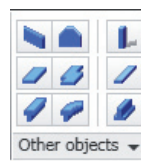
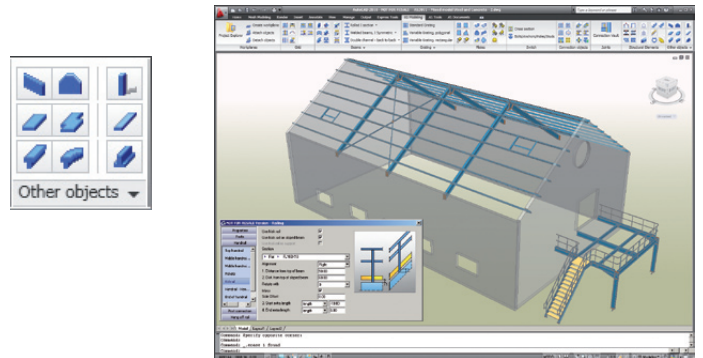
Automatic revision clouds

- Revision clouds automatically created if necessary
- Better control of changed elements
- Revision index can be displayed next to the revision cloud
- Works on workshop and general arrangement drawings



Mixed structures

- Various concrete and timber section types are available
- All feature commands can be applied on these objects
- Creation of GA drawings for mixed models
- Dimensioning and labeling can be applied



GRAITEC ADVANCE

THE STRUCTURAL BIM SOLUTION



BIM software for structural steel engineering, detailing and fabrication



BIM software for structural concrete engineering, detailing and fabrication



BIM software for FEM structural analysis including international design codes

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