ATHENA 2010

The new Upgrade – always faster, always better ...

ATHENA 2010 is characterized by the technical and conceptual porting to AutoCAD 2010, such as for example the adaptation to the new user interface (ribbons), by new program sections and by lots of improvements and optimization. Above all, here it is worth mentioning the increase in the 3D working speed.
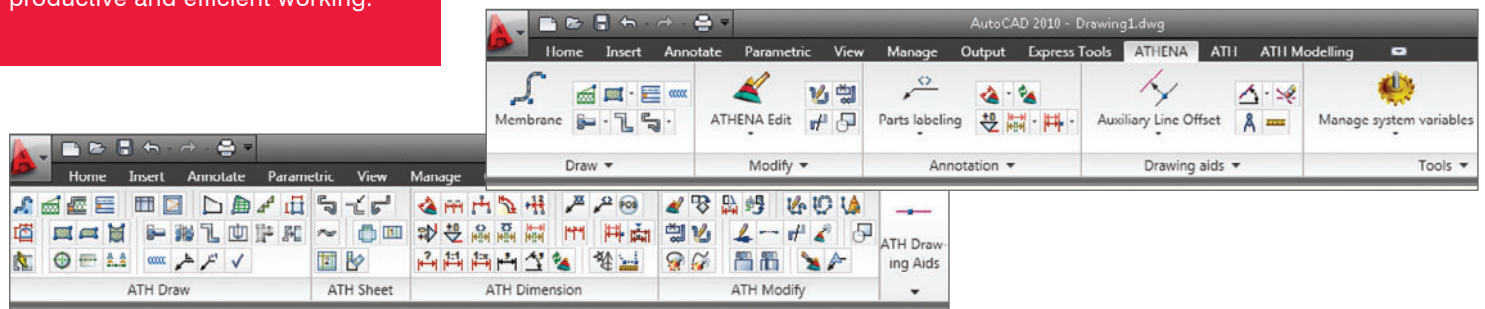
ATHENA 2010 is a fast and stable software program which ensures productive and efficient working.

Faster working in 3D

The working speed in ATHENA 3D has substantially increased. Now for example, the switchover to the display modes functions with up to five times the speed in comparison to the previous version of ATHENA.

New ATHENA ribbons

Now all ATHENA commands are accommodated in the multifunction bar. The grouping of the ATHENA commands in ribbons increases clarity and operating convenience - this means that you work more fluently and quicker.
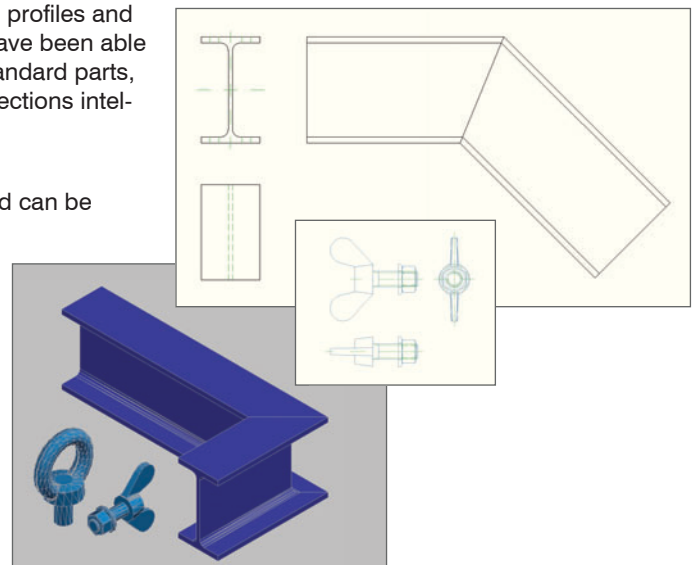
Projection of ATHENA objects

Whereas previously ATHENA objects, such as for example sheet metal, profiles and polylines, could be projected, with the new projection commands we have been able to extend the projection capability also to general parts, for example standard parts, semi-finished products, joints and drilled holes and have given the projections intelligence. The intelligent views now offer the following possibilities:

• Changes on the parent part directly affect the projection.

• The projections can be edited with a double-click or with the grips and can be modified according to the parent part.

• Automatic labeling of the projections is now possible.

• „Count parts" takes into account a parent part with its views only once.

• Longitudinal objects can be trimmed in the projection, e.g. an IPE girder for mitering.

• The views can be sliced.

This new functionality significantly increases the „intelligence" of ATHENA drawings. For example, parts generated with the new projection command can be directly used in ATHENA 3D. This is a real highlight in ATHENA 2010!
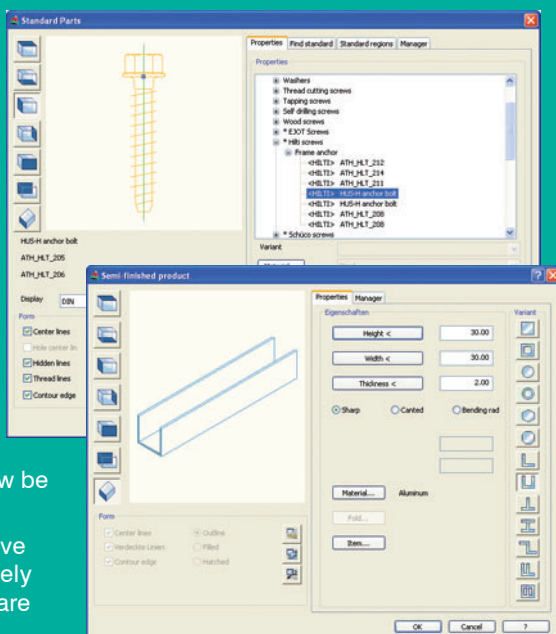
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Semi-finished products and standard parts

The semi-finished products and standard parts dialog boxes are now MFC dialog boxes. Accordingly, we can design the boxes more ergonomically with tabs and a Windows tree structure for opening out and closing up.
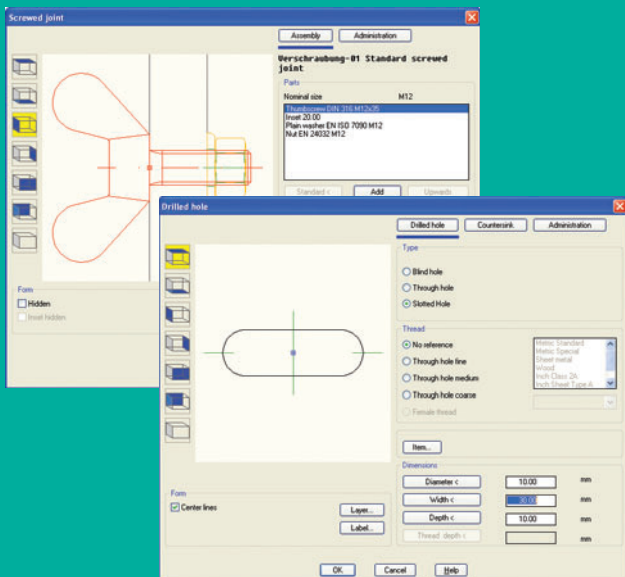
Standard parts and semi-finished products can now be selected in the dialog box in various views and inserted into the drawing: front or rear elevations, side elevation, plan or bottom views, or as 3D solid. This breadth of scope with the views has an especially advantageous effect with longitudinal objects (profiles) which can now be properly placed and trimmed.

Furthermore, the standard parts have been supplemented by approximately 3000 parts (e.g. Hilti screws). There are now almost a total of 75,000 parts.
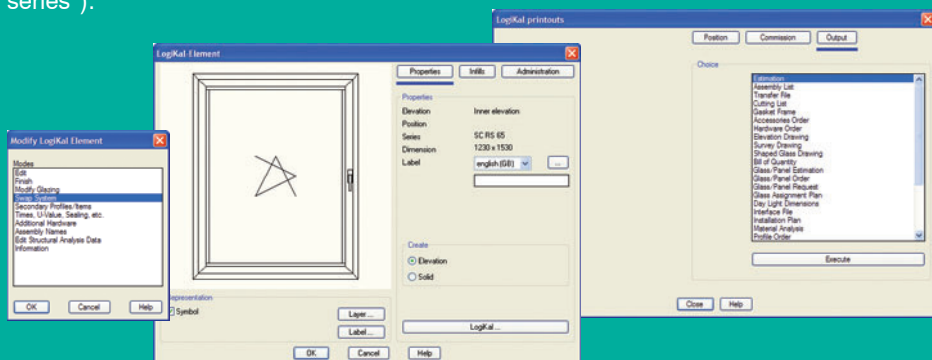
Joints and drilled holes

Joints and drilled holes can also now be selected and inserted in various views, e.g. as section, side elevations from left and right, plan view, bottom view or 3D solid.
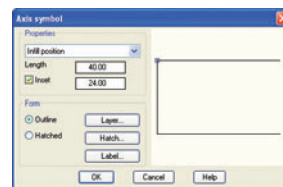
LogiKal interface

The LogiKal interface in ATHENA has been expanded with the new command „LogiKal evaluation" which enables LogiKal elements, such as windows, doors or facades to be evaluated directly from ATHENA. This means that the user can quickly and easily output all lists from his familiar environment without having to change the program.

Not only that, the command „LogiKal element" has been revised; for example, existing elements can now be modified with a double click. Here, on changing an element direct entry to the respective LogiKal dialog box is obtained (e.g. „Glazing" or „Change profile series").

Axis symbol

This new 3D command is used to determine the position of infills within a bar assembly. It offers the option of inserting a glazing axis, an infill position or an infill plane.

Other new commands and supplements

- ATHENA Help has been expanded by tutorials („step-by-step" instructions incl. videos).
- New materials have been integrated into the material database.
- Conversion of 2D objects to solids (3D).
- Spacer, Gasket and Sealing now also with material predefinition.
- Improvement in the sheet development functional features.

and much more.

System requirements for working with ATHENA 2010

- AutoCAD 2007 - 2010
- AutoCAD Architecture 2008 - 2010
- AutoCAD Mechanical 2008 - 2010

Operating system:
Windows XP prof., Windows Vista, Windows 7

Hardware:
ATHENA requires the same hardware configuration as AutoCAD.

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Windows (XP, Vista, 7) – registered trademark of Microsoft, Inc.

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