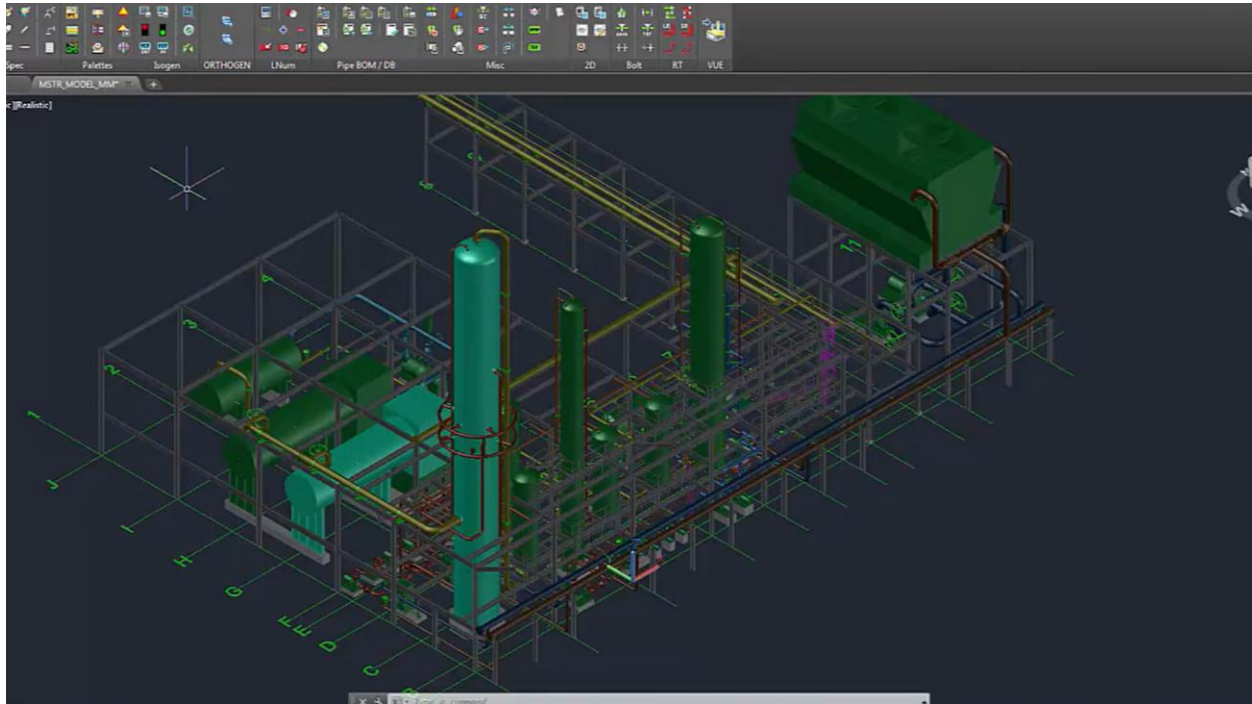


OrthoGen for CADWorx Plant Professional enables 2D plans, sections and elevations drawings to be created automatically from CADWorx Plant Professional 3D models. Even in today's 3D world annotated and dimensioned orthographic drawings are still a required deliverable – OrthoGen reduces this process from hours to only minutes.

[request demo](#)



### **Integrated with AutoCAD® and CADWorx®**

The OrthoGen for CADWorx Plant Professional (OrthoGen) integrated drawing interface quickly reads properties directly from CADWorx models files. Because OrthoGen operates within the AutoCAD environment users can auto annotate, and conduct other 2D embellishments, through AutoCAD viewports. OrthoGen also integrates well with existing user developed CADWorx commands, details, standards, and block libraries.

### **Multiple AutoCAD viewports and xRefs**

OrthoGen allows the use of multiple AutoCAD viewports and utilizes data from xRefs up to three levels deep. Because of this flexibility users can create drawings representing multiple scales and views. Because OrthoGen is tightly integrated into the AutoCAD environment it also supports the AutoCAD User Coordinate Systems (UCS)

### **Flexible settings and standards creation**

The user interface of OrthoGen for CADWorx lets users select thousands of option combinations. These combinations can be saved as drawings styles for future individual or group use. In addition the production mode interface allows the easy enforcement of project standards. To ensure user productivity OrthoGen is supplied with forty pre-defined and editable drawing styles, so users can be up and running in no time.

### **Easy label repositioning and modification**

When using OrthoGen in the CADWorx environment users can use basic AutoCAD commands to move and rotate labels. What is special is that these edits are preserved when running updates on the drawing, eliminating unnecessary re-work. Users can also add additional dimensions, hatching, notes, details, etc. using basic CADWorx and AutoCAD commands.

### **Automated column grid references**

By creating a single grid model helps coordinate and automate the placement of grid labels for ALL drawings on a project. Grid models provide a firm dimensional base that helps eliminate guesswork and the introduction of errors.

### **Annotations where you want them**

The fast, high-resolution, white-space search algorithms allow users to generate orthographic representations that will automatically avoid areas that you do not wish to have dimensions or annotations to appear. Commands also help define dimension “edges” on the drawings.