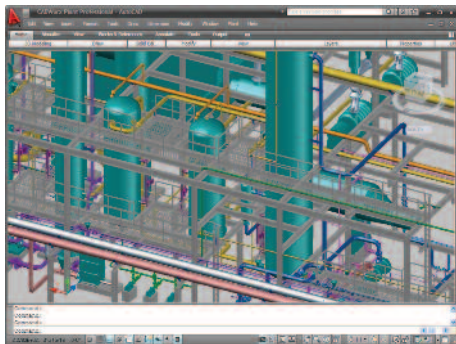


EDITIONS: **CADWorx Plant Professional** **CADWorx Plant**



CADWorx Plant provides the most full-featured and cutting-edge tools for efficient and accurate design.

Professional Edition:

- Intelligent 3D Piping Design
- Specification-driven Design
- CADWorx Steel Professional
- CADWorx Equipment*
- Ducting/Cable Trays
- Collision Checking
- ISOGEN Isometrics
- Live Database Links
- Model/P&ID Synchronization
- CADWorx Design Review
- Links to Stress Analysis**

Standard Edition:

- Intelligent 3D Piping Design
- Specification-driven Design
- CADWorx Steel
- Equipment
- Ducting/Cable Trays
- Automatic Isometrics
- Export to External Databases
- Links to Stress Analysis**

* Links to COADE PV Elite™ and PV Fabricator™

** Links to COADE CAESAR II

COADE CADWorx Plant includes the most complete range of tools for efficient plant design. CADWorx Plant is easy to learn and has helped thousands of corporations create revenue-earning deliverables quicker and more accurately.

Efficient Plant Design

CADWorx Plant allows for quick and easy creation of fully intelligent 3D plant models. Because CADWorx models are AutoCAD based, they offer unparalleled flexibility and collaboration.

Structural Steel and Equipment

Powerful and intuitive structural steel and equipment modeling capabilities are included to provide the most complete plant models.

Ducting and Cable Trays

In addition to steel and equipment modeling, HVAC ducting and cable tray routines are also built in. Square, rectangular, round and oval shapes, with transitions, are all available.

Piping Specifications

Hundreds of ready-to-use specifications in metric and imperial formats are included that reference data files of over 60,000 parametrically-driven components.

Automatic Isometrics

Automatic isometrics can be produced from piping layouts or project databases. CADWorx Plant Professional includes ISOGEN for automatic isometric production.

Collision Checking

CADWorx Plant Professional offers built-in clash detection. Collisions can be detected in the current model and also against any externally referenced files. Options allow clashes to be reported 'on-the-fly' or at any time during the design process.

Database Links

CADWorx Plant allows users to create accurate, user-configurable bills of material in the most popular database formats. The optional live database links in CADWorx Plant Professional provide real-time design status and valuable information backup.

Model and P&ID Synchronization

When used in conjunction with the live project database, CADWorx Plant Professional allows for intelligent component checking against project P&ID's that were created using CADWorx P&ID Professional.

Walkthrough Capabilities

CADWorx Design Review is included for model review and true 3D design collaboration.

Links to Stress Analysis and Stress Isometrics

CADWorx Plant has bi-directional links to COADE CAESAR II[®], the world's most widely used stress analysis package.

Technical Specs

- AutoCAD compatible
- Microsoft Windows XP Pro or Windows Vista Ultimate (minimum)

Application Areas

Process and Plant Design, Piping, Equipment, Steelwork, Petrochemical, Chemical, Power, Offshore, Food, Beverage, Brewing, Pharmaceutical, Water Treatment, Building Services, Shipbuilding and Architectural.

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