



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

# CADWorx<sup>®</sup> Plant and Plant Professional

CADWorx Plant supplies the most complete range of tools for hassle-free plant design. Piping, equipment, steel, HVAC, cable trays and database links are all included. CADWorx Plant Professional also features CADWorx Equipment, ISOGEN, NavisWorks<sup>®</sup> Roamer and live database links.

## 2D and 3D Piping

CADWorx Plant allows you to work in 2D or 3D with full intelligence. Working in 3D with CADWorx Plant is easy, and because CADWorx Plant uses standard AutoCAD solids, it has the best performance, smallest models and greatest compatibility in its class.

## Structural Steel and Equipment

CADWorx Plant and Plant Professional include CADWorx Steel and CADWorx Steel Professional respectively. CADWorx Plant's equipment capabilities allow you to create vessels, pumps, tanks, exchangers etc. CADWorx Plant Professional includes CADWorx Equipment parametric modeler. Also, vessels and exchangers can be bi-directionally linked to COADE's PVElite package for engineering analysis.

## Ducting/Cable Trays

HVAC ducting and cable tray routines are built into CADWorx Plant. Select square, rectangular, round and oval shapes, with transitions available.

## Collision Checking

Built-in clash detection allows for collision checking from within your model and also against external referenced files. You can choose to be alerted of clashes 'on-the-fly' or at any time during the design process.

## Automatic Isometrics

CADWorx Plant provides the industry's best isometrics automatically from piping layouts or project databases.

## Piping Specifications

CADWorx Plant includes ready-to-use specifications in metric and imperial formats with access to over 60,000 parametrically driven components.

## Bills of Materials Export to External Database

CADWorx Plant's intelligence allows you to create accurate user-configurable bills of material from the most popular database formats.

## Walkthrough capabilities

CADWorx Plant Professional includes model walkthrough capabilities for true 3D collaboration.

## Links to Stress Analysis and Stress Isometrics

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

## Features

- AutoCAD based
- 2D and 3D piping
- Structural steel and equipment
- Ducting and cable trays
- Collision checking
- Automatic isometrics
- Piping specifications
- Bills of materials
- Walkthrough capabilities
- Links to stress analysis and stress isos

## Technical Specs

- Runs on AutoCAD versions 2005 to 2008

## Application Areas

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



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