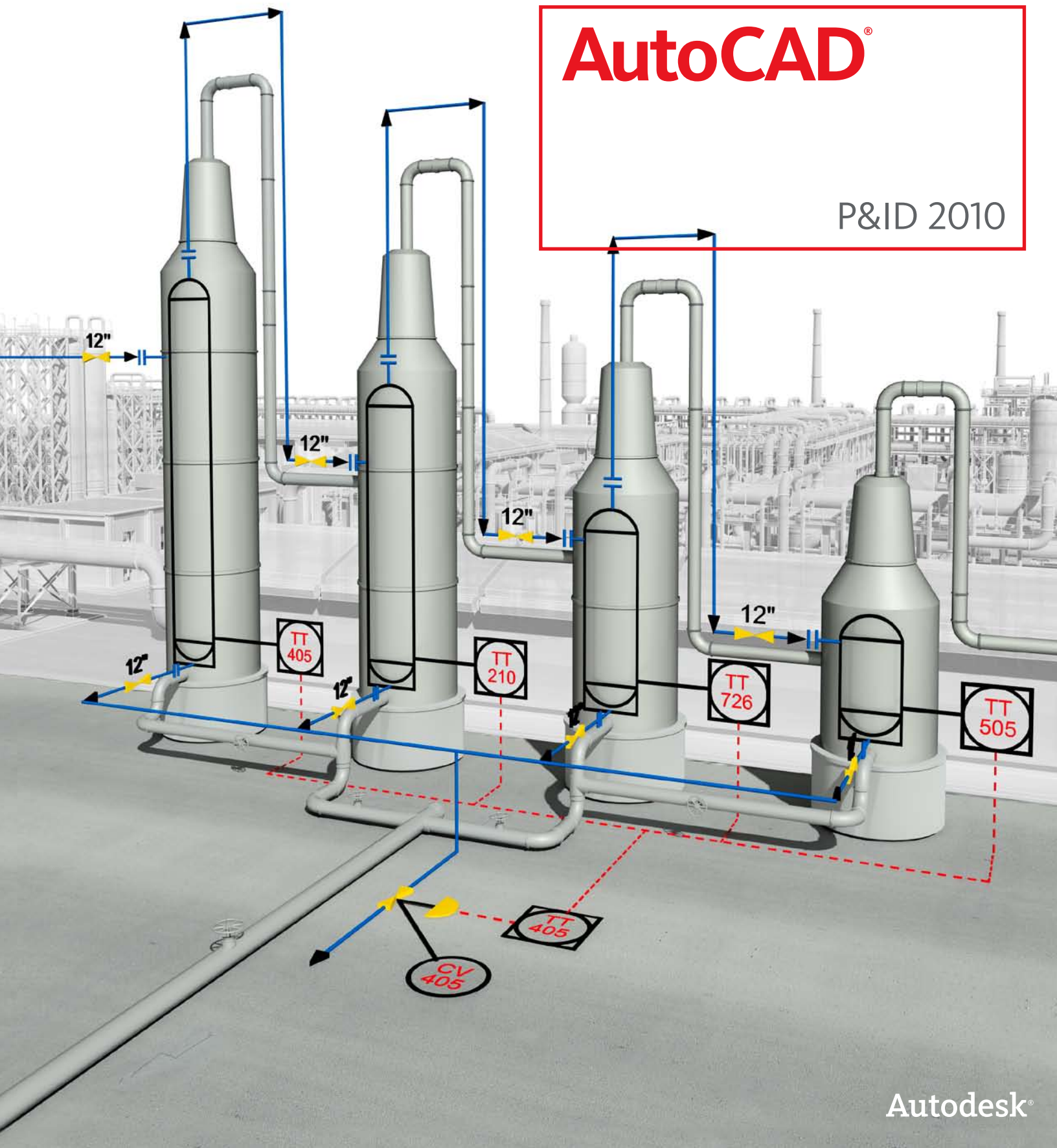
Easy does it.

AutoCAD®

P&ID 2010



Autodesk®

It’s How AutoCAD Does P&IDs

Start easier. Run better. Finish sooner.

With simple reporting, editing, sharing, validation, and exchange of design information, AutoCAD P&ID 2010 software helps your projects start easier, run better, and finish sooner.

Familiar to designers and engineers.
Using the intuitive interface and standard AutoCAD-based functionality, AutoCAD-trained professionals can start using AutoCAD P&ID right away.

Easy to use and saves time.
Developed specifically for P&ID designers and engineers, AutoCAD P&ID includes a collection of tools to automate and simplify many of the detailed design and editing tasks performed everyday.

Keeps project information accurate and accessible.
Whether you need to generate in-drawing reports or export information across an entire project, AutoCAD P&ID includes many features to support fast, accurate completion of each step, while ensuring data integrity in the face of constant design changes and modifications.

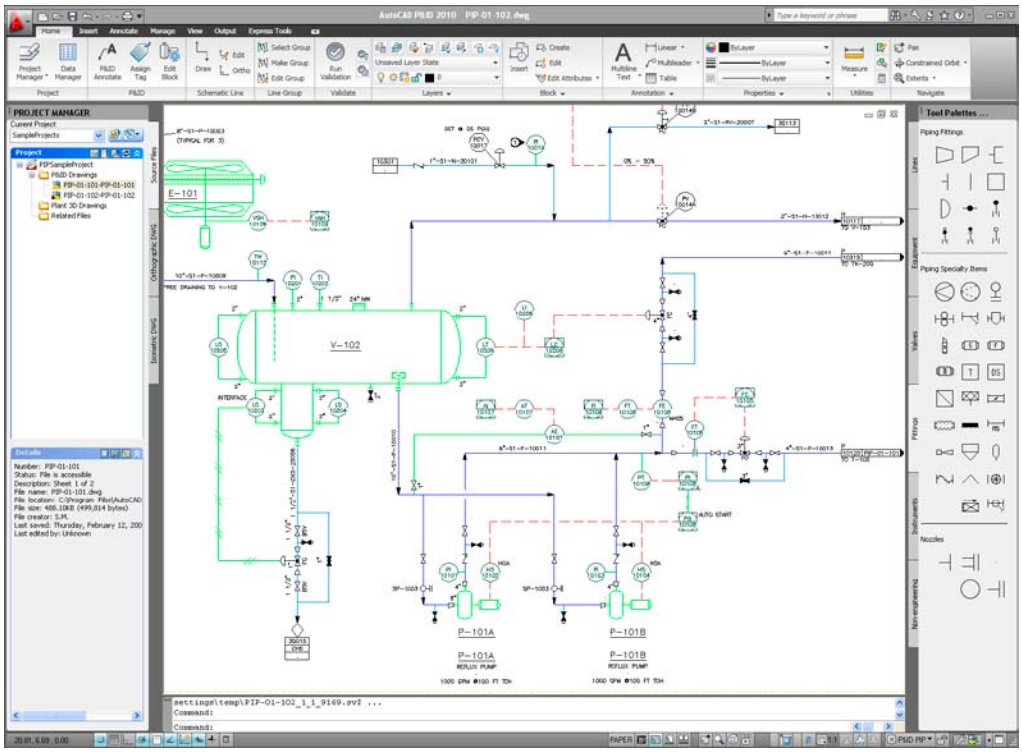
Create, modify, and manage piping and instrumentation diagrams with AutoCAD P&ID 2010 software.

Built on the latest AutoCAD platform, AutoCAD P&ID is easy to use and familiar to designers and engineers, so your design team can start immediately with minimal training. Everyday tasks are streamlined and automated to boost productivity, while component and line information is easily accessed as you work.

Project Manager
Easily set up projects and preview drawings with straightforward organization and management of DWG™ files.

Data Manager
Sort and organize underlying P&ID data for easy referencing and see specific information in the context of the drawing.

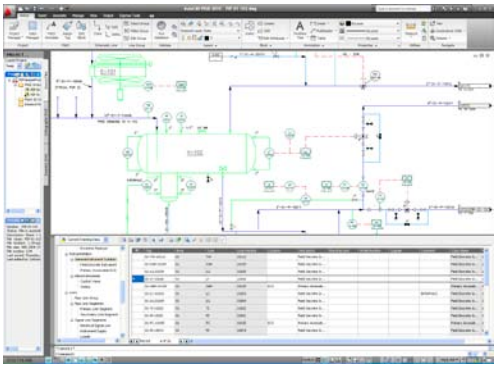
Symbol Libraries
Place snap-to industry-standard symbols (PIP, ISA, JIS, and ISO/DIN), as well as symbols customized for specific company or client needs directly into drawings.



AutoCAD P&ID is built on the familiar AutoCAD platform.

Dynamic Lines and Components

Lines and components are dynamic with AutoCAD P&ID. Reduce manual breaking and mending of lines with intuitive grip editing and manipulation. Create, move, and snap lines into place. Lines automatically break, maintain flow direction, and attach to components that are inserted on, or attached to, the line. When a component is removed, lines mend automatically. Quickly move and snap components with dynamically linked properties and information in place without the burden of manually editing underlying data.



The Data Manager makes P&ID information readily accessible for referencing and editing.

Tagging and Annotations

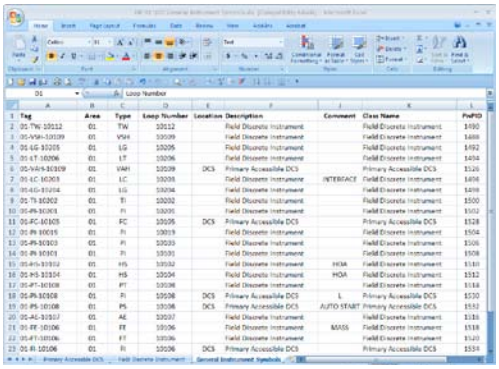
Easily create, edit, and customize tags and annotations in industry-standard formats. Simply drag data properties from the Data Manager into the P&ID drawing as annotations that automatically update.

Validation Tool

Perform error checking with the Validation tool to identify, navigate to, and highlight inconsistencies in the drawing. Help to ensure accuracy and dramatically reduce the time required to identify potential inconsistencies in piping and instrumentation diagrams.

Data Management and Reporting

Easily report, edit, exchange, and share project engineering information, and know the impact of external data updates for better management. Export data into drawing data tables as well as various file formats such as Microsoft® Excel® software. Quickly sort and organize information for easy referencing. Enhanced change management, viewing, and editing functionality help ensure that nothing slips through the cracks.



Parts lists can be easily exported from AutoCAD P&ID to Microsoft Excel.

There is a high level of repeated information on a P&ID drawing and with the capabilities of the AutoCAD P&ID Data Manager, speed and accuracy is increased. We can simply cut and paste information from component to component.

—Howard Zoutkamp
Project Engineer
Sonneborn

The results are compelling—the 'headline' productivity gain was found to be in the region of 40%—and this outcome was based on a rigorous and wide-ranging test of AutoCAD P&ID capability.

—Tony Christian
Cambashi Limited
AutoCAD P&ID Productivity Study

Using AutoCAD P&ID software means that we can make the schematics and drawings faster than ever before. Everything we need is included in the software. Being able to create reports means we can make purchasing lists so our suppliers can produce prices for the equipment we need much more quickly. This enables us to deliver our quotations much earlier than we could have before.

—Kai Helge Hovland
CAD Designer
Ing Per Gjerdrum AS

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