

▶ www.autodesk.com/inventorseries
www.autodesk.com/inventorpro

▶ Autodesk Inventor® Professional

▶ Autodesk Inventor® Series

Autodesk Inventor Series : Autodesk Inventor Professional

System Requirements

MINIMUM REQUIRED TO RUN
 (NOT RECOMMENDED FOR PRODUCTION USE)

- Intel® Pentium® or AMD Athlon™ (Autodesk has tested intensely on Intel but not on AMD.)
- 650 MB free disk space
- 128 MB RAM
- 256 MB virtual memory
- 8+ MB OpenGL capable graphics card

SMALL ASSEMBLY MODELING
 (100 TO 1,000 PARTS)

- Intel Pentium III, Pentium 4, Xeon™, or AMD Athlon, 1 GHz or better
- 800 MB free disk space
- 512 MB RAM
- 1 GB virtual memory
- 32+ MB OpenGL capable graphics card

ADVANCED ASSEMBLY MODELING
 (1,000 PARTS OR MORE)

- Intel Pentium 4, Xeon, or AMD Athlon, 1.8 GHz or better
- 800 MB free disk space
- 1+ GB RAM
- 2.5+ GB virtual memory
- 64+ MB OpenGL capable workstation class graphics card

- Microsoft® Windows® XP Professional or Home Edition (SP1 or later), Windows 2000 Professional (SP2 or later), or Windows NT® 4.0 (SP6a or later)
- 1024x768 16-bit high color display or greater
- Microsoft Internet Explorer 6 or later
- Microsoft® Excel 97 (XP or 2000 preferred) for iparts, ifeatures, and spreadsheet-driven designs
- NetMeeting® 3.01 for web collaboration

Companion Products and Services for Manufacturing

The Autodesk Streamline® online collaboration service for the manufacturing industry helps you automate processes, reduce errors, and shorten time to market by promoting effective communication with your supply chain. Share all your manufacturing project data in one secure and easily accessible source. Find out how at www.autodesk.com/streamline.

The Autodesk Inventor Certified Applications program is an expanding group of leading application developers that enhance and extend Autodesk Inventor software in specific areas of expertise. Products that bear the Autodesk Inventor Certified logo have demonstrated the highest level of interoperability with Autodesk Inventor. Products developed in the Autodesk Inventor Certified Application program adhere to Autodesk guidelines to give you the best working combination of products for your needs. To learn more, visit www.autodesk.com/inventorcertifiedapps.

The Autodesk Subscription Program gives you access to the latest Autodesk software releases and enhancements, simplifying your software management and budgeting process. To learn more, contact your Autodesk Authorized Reseller or visit www.autodesk.com/subscription.

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Purchase or Learn More

Purchase Autodesk Inventor products through your Autodesk Authorized Systems Center (ASC) or Autodesk Authorized Reseller. To locate the reseller or ASC nearest you, visit www.autodesk.com/reseller.

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Start right. Finish first. Stay ahead.
 Autodesk manufacturing software is designed to help you get better products to market faster and for less cost than ever before.



autodesk®

Tested by 20 years of design experience and trusted by 5 million users, Autodesk is committed to delivering the latest innovations in design systems for the manufacturing industry. Whether you manufacture industrial machinery or electromechanical equipment, Autodesk gives you the technology you need to turn your design cycle into a competitive advantage.

From concept to completion and beyond, our mechanical design software provides powerful tools for optimizing control of your entire product lifecycle.

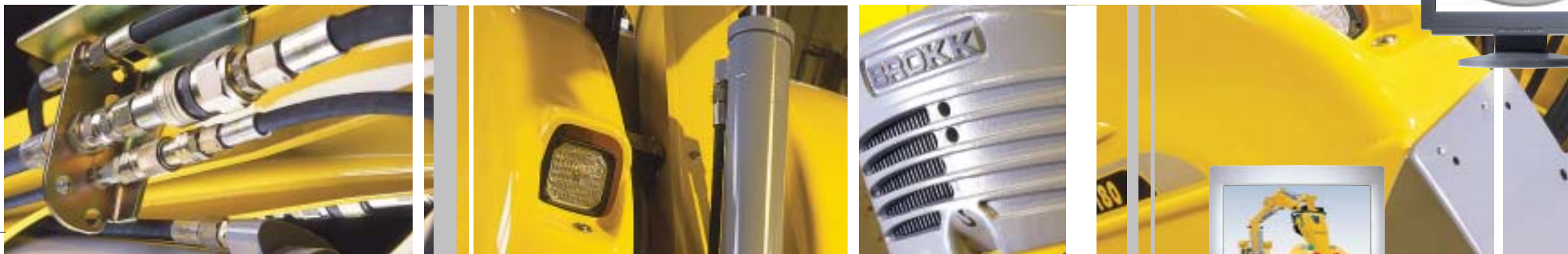
With Autodesk Inventor Series, we increased our design productivity of the ELITE 8/51 lathe by 40 percent. The accuracy of designs continues to improve so that we can manufacture flawless products.

—Clive Danby
Vice President of Research and Engineering
Hardinge, Inc.
USA



AUTODESK INVENTOR SERIES

Why is Autodesk Inventor® Series the best-selling 3D design software? Because it delivers superior mechanical design productivity and unparalleled ease of use, it represents the best value in the industry. The Autodesk Inventor Series gives you the latest Autodesk Inventor® and Autodesk® Mechanical Desktop® releases in a single, flexible package that answers the full range of your 2D and 3D design needs. Mechanical Desktop software includes all the functionality of AutoCAD® Mechanical, a 2D design application built on the AutoCAD® platform. Autodesk Inventor software provides high-performance tools that help you make your design cycle faster and your product development more affordable than ever. With the industry's best AutoCAD DWG compatibility and exceptional large-assembly performance, Autodesk Inventor Series offers the smartest choice in 3D design technology for the manufacturing industry.



Swedish manufacturer Brokk uses Autodesk Inventor to design remote-controlled demolition robots.

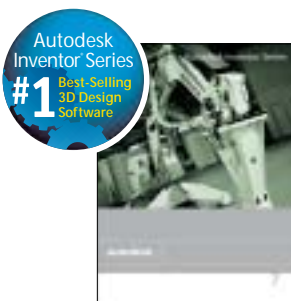


We are absolutely confident that our investment in Autodesk Inventor is profitable for our company. Autodesk Inventor came top in all categories.

—Anders Norberg
Design Manager
Brokk AB
Sweden

Key Advantages of Autodesk Inventor Series

- Gain complete flexibility with 2D and 3D technology. Use AutoCAD software when you need to update an existing 2D design, use a hybrid approach to reuse existing 2D data in a new Autodesk Inventor design, or use Autodesk Inventor to build an entire design in 3D. With Autodesk Inventor Series software, you have total freedom to use the right tool at the right time, control your technology transition, and get the most value from your investment with minimal disruption to your business.
- With the industry's best DWG compatibility and the intelligent DWG wizard, you can easily import AutoCAD, AutoCAD Mechanical, and Autodesk Mechanical Desktop design files. Reuse of existing design data can directly reduce your product development costs.
- Large-assembly design capabilities help you work with unrivaled speed and efficiency. The adaptive data engine loads only the data you need, when you need it. Along with the optimized graphics engine, which ignores hidden and off-screen components, Autodesk Inventor handles huge assemblies significantly faster than other mechanical design software.
- The production drawing creation environment has easy-to-use features and formatting flexibility that help you produce drawings to meet your specific drafting standards better than other 2D or 3D systems. Full associativity means you make a change once and it updates everywhere. Because models, drawings, and assemblies update automatically, you'll dramatically improve your productivity.
- Additional productivity tools right out of the box, such as sheet metal design and unfolding, 3D path routing, and the weldment design environment, help you address common problems in your workflow. And all these tools are included in the software to make you productive from day one.
- The ShapeManager delivers a powerful toolset that helps you import, create, trim, and knit surfaces into complex surface or solid shapes. You can use traditional surface modeling tools and advanced parametric modeling tools together to create stylized, complex, and sculpted parts. With unified shape technology, you can convert designs from solids to surfaces at any time while maintaining their parametric history. This makes the creation and modification of complex models easy and fast.
- Autodesk® Vault is a workgroup data management system integrated with Autodesk Inventor 7 and Autodesk Inventor Professional to enable fast, accurate sharing of design data across your manufacturing team. Easy to install, use, and maintain, Vault offers built-in data management to simplify your design collaboration, reduce design cycle time, and improve product quality. Available at no additional cost through the Autodesk® Subscription Program, Vault is built to improve your file access and organization, so you can turn your data management into productivity, from design and production to the shop floor.



Autodesk Inventor Series answers the full range of 2D and 3D mechanical design needs.

Unparalleled Ease of Use

If you want to spend more time innovating and less time learning your software, choose Autodesk Inventor Series. A simplified user interface, built-in migration assistance for AutoCAD users, and an advanced help and support system make Autodesk Inventor the easiest mechanical design software to learn and use. A smarter design environment with fewer, more intuitive commands accelerates your workflow. So you can reduce your design time and make your product development more affordable than ever.

Superior Productivity

Autodesk Inventor software delivers the industry's best DWG compatibility, including compatibility with AutoCAD 2004 to help you bring your AutoCAD digital design data forward quickly and easily. With complete DWG translation capabilities, you can import

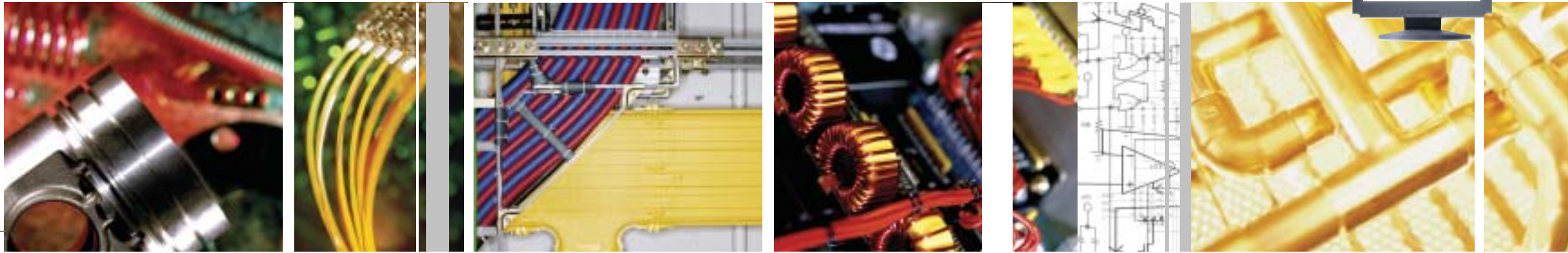
your AutoCAD, AutoCAD Mechanical, and Mechanical Desktop designs to Autodesk Inventor at any time. Large-assembly performance helps you manage complex assemblies faster and more efficiently. And the ShapeManager gives you advanced tools to create stylized, complex, and sculpted parts with ease.

Smartest Choice

The Autodesk Inventor Series offers a risk-free way to get the best of 2D and 3D design technology in a single, value-priced package. It's designed for flexibility, so you can access the latest 3D technology of Autodesk Inventor software without giving up the 2D system you depend on today. And with a broad set of certified partner applications that extend functionality in key areas, Autodesk Inventor Series helps make your design-through-manufacture process as effective as possible. More people are choosing Autodesk Inventor Series than any other competitive 3D design product for manufacturing because it's the smartest choice.

AUTODESK INVENTOR PROFESSIONAL

Autodesk Inventor Professional is built to address the full range of needs for cross-functional design teams at the best possible value. Building on the powerful technology of Autodesk Inventor Series, Autodesk Inventor Professional includes task-specific applications for mechanical and electrical engineers in a single, fully associative software that is easy to deploy and use. With Autodesk Inventor Professional you can remove the barriers between diverse mechanical design teams with a common platform, improving communication and reducing critical design cycle time. Simplify the process of configuring, implementing, and managing a complete machine design solution with the latest advance in 3D technology for the manufacturing industry.



Hydrakraft AS of Norway used Autodesk Inventor Series to design the EI-Hydraulic Power Pack.

Getinge Inc. USA uses Autodesk Inventor Series and Autodesk Streamline in the design of products for the medical devices industry.



Autodesk Inventor Professional provides a common platform for mechanical and electrical engineers.

Optimized Productivity Tools

Autodesk Inventor Professional automates critical product development tasks so you can accelerate your design cycle and increase productivity across mechanical design disciplines. In this release the fully integrated piping solution will help you create accurate designs, as well as route, document, and produce complex piping systems that are parametrically associative. This means your entire piping design will update and provide automatic routing when you make changes to the assembly. You can also save time and improve accuracy by importing Intermediate Data Format (IDF) version 2 or 3 printed circuit geometry created in your printed circuit board design software. With this expanded toolset you can increase your productivity and eliminate the need for expensive specialized applications to complete your machine design.

Product Vision

Autodesk's longer-term plans for Autodesk Inventor Professional include incorporating recently acquired technology, such as cable and harness design and diagramming, to broaden the toolset and further reduce the effort and expense of completing your machine design process. The future of Autodesk Inventor Professional includes optimized design communication, reduced error, and accelerated product development for increasingly unified mechanical and electrical design teams working from a common platform. Our goal is to deliver the greatest breadth of 3D mechanical design functionality for the best possible value in a system that is quick to implement and easy to deploy.

The full range of design data documented in Autodesk Inventor Professional helps you better use and extend your design information throughout the lifecycle of your product. This can significantly reduce the time and costs associated with bringing a new product to market and maintaining it. Turn your product development tools to your advantage with the extended technology of Autodesk Inventor Professional.

Extending the Autodesk Inventor Series

Building on the powerful capabilities of Autodesk Inventor, Autodesk Inventor Professional software offers an advanced, integrated toolset to help you create, access, and manage your digital design data more completely and effectively than ever. With Autodesk Inventor Professional, you can extend the power of Autodesk Inventor to meet the needs of multiple engineering groups—for a better, faster, more affordable product development cycle.

We're integrating into the other engineering areas with Autodesk Inventor. We saved a lot of money initially; now we're getting away from pools of different engineering packages we currently have and are going to one.

—Scott Lesnick, Director
Operations and Facilities
Getinge, Inc.
USA

Reasons to Choose Autodesk Inventor Professional

- 1. Do you have a mix of 3D solutions from various CAD software vendors?**
Autodesk Inventor Professional is designed to meet all your needs.
- 2. Is the need for data translation to share design information between groups inhibiting team collaboration and slowing your design cycle?**
A common design platform removes the barriers between mechanical and electrical design teams for improved communication and early collaboration to help accelerate your full product design cycle.
- 3. Would you like to create one product model that communicates all aspects of your design, including structure, pipes, and wires?**
Autodesk Inventor Professional includes
 - An expanded toolset with piping and tubing capabilities that eliminate the need for specialized applications to complete your machine design
 - IDF (Intermediate Data Format) import capabilities that save time and improve design accuracy
 - A standard parts library that saves design time with tube and pipe fittings and supports threaded, soldered, welded, and custom parts
- 4. Is your primary 3D design software not being used throughout your design team because it's difficult to use?**
Autodesk Inventor software is known in the industry for its unparalleled ease of use. Because Autodesk Inventor Professional is built on the Autodesk Inventor Series, you benefit from the same ease of use and can meet the challenge of getting your entire design team to work from a common platform. You get the breadth of functionality you need with the ease of use you want.
- 5. Is your current 3D design system cost-prohibitive because additional functionality is available only at additional cost?**
Autodesk Inventor Professional provides additional functionality right out of the box that simplifies the process of configuring a complete solution and eliminates the added expense typically imposed by some other vendors for additional modules.
- 6. Is AutoCAD software still the primary tool you use to communicate with the shop floor and suppliers?**
You can still use the AutoCAD functionality you depend on when you need it, because you get Autodesk Mechanical Desktop (based on AutoCAD) as part of the Autodesk Inventor Professional software.
- 7. Would you like to minimize errors by ensuring that your entire machine fits together at the design stage before releasing to manufacturing?**
With Autodesk Inventor Professional
 - Parametric updating of design data reduces error and improves product quality
 - You reduce ECOs by building the entire machine with virtual prototypes