

**I****PRO**

AUTODESK INVENTOR

Professional-grade 3D mechanical CAD software used to create, simulate, and document digital prototypes. Ideal for engineers and designers, it supports parametric, direct-edit, freeform, sheet-metal, and assembly modeling with seamless collaboration and interoperability tools to accelerate product development.

Parametric & Direct 3D Modeling

Design parts with constraint-driven sketches, or use direct-edit and freeform tools to reshape imported geometry.

Drawing Creation & Documentation

Generate detailed 2D drawings from 3D models, complete with annotations, formats, and revision control.

Assembly Modeling

Create multi-component assemblies, test fit and motion, and detect interferences dynamically.

Sheet Metal & Frame Design

Design complex sheet-metal parts with industry-standard bends and flat-pattern outputs, plus automated weld-frame generation and simulation.

Content Center/ Standard Parts

Access a rich library of standard components like bolts, gears, beams or integrate customizable content.