People Knowledge Innovation.

quadra MFG

Autodesk PDM Collection
Product Design & Manufacturing

This collection is the best way to access the most essential Autodesk software for product and factory design.

Make Great Products

Get all the right tools
Create your products using the latest design and engineering tools – including Inventor and AutoCAD – all from a single package.

Connect your workflow
Build a single, complete definition of your product with applications that can reference in and update data created by other disciplines and software – promoting team collaboration and better handling complexity.

Prepare for the future
Access the latest in cloud-based design tools and get ready for the Future of Making Things with Fusion 360.

AUTODESK® PRODUCT DESIGN & MANUFACTURING COLLECTION

Desktop
AutoCAD
AutoCAD Architecture
AutoCAD Electrical
AutoCAD Map 3D
AutoCAD Mechanical
AutoCAD MEP
AutoCAD Plant 3D
AutoCAD Raster Design

Factory Design Utilities
Inventor HSM
Inventor Professional
Nastran In-CAD
Navisworks Manage
Vault Basic
3ds Max

Cloud
AutoCAD 360 Pro
Fusion 360
Green Building Studio
Process Analysis 360
ReCap 360 Ultimate
Autodesk Rendering

The Product Design Collection includes key products such as Inventor Professional, AutoCAD and Navisworks Manage in addition to other software included.

For more information go to www.quadrasol.co.uk/mfg

AUTODESK
Gold Partner

What's included in the Collection?

Desktop

AutoCAD - 2D and 3D CAD tools for conceptual design, model documentation and reality capture.

AutoCAD Architectural - AutoCAD plus construction drawing, architectural drafting, collaboration and documentation tools.

AutoCAD Electrical - Complete set of electrical CAD features including comprehensive symbol libraries and tools for automating electrical design tasks.

AutoCAD Map 3D - Model-based infrastructure planning and management application with access to CAD and GIS data

AutoCAD Mechanical - AutoCAD plus comprehensive libraries of standards-based parts and tools for automating common mechanical CAD tasks.

AutoCAD MEP - Tools for accurate drafting and documentation of mechanical, electrical & plumbing systems

AutoCAD P&ID - Software for creating, modifying and managing piping and instrumentation diagrams

AutoCAD Plant 3D - 3D software to design, model and documentation process plants

AutoCAD Raster Design - Help you to clean up, edit, enhance and maintain scanned drawings

Factory Design Utilities - Create the most efficient layout before building with a digital factory model.

Inventor Professional - Software for 3D mechanical design, product simulation, tooling creation and design communication.

Inventor HSM - Inventor HSM is an integrated 2.5- to 5-axis CAD/CAM programming solution for Inventor.

Nastran In-CAD - Autodesk Nastran In-CAD software, a general-purpose finite element analysis (FEA) tool for engineers and analysts built into Inventor Pro.

Navisworks - Scheduling, visualisation, clash detection and collaboration tools for architecture, engineering and construction professionals.

Nesting Utility - Nesting Utility is CAD-embedded, true-shape nesting software that helps you optimise yield from flat raw material.

Vault Basic - Data management solution for co-ordinating data creation, simulation and documentation processes for design and engineering work-groups.

3Ds Max - 3D modelling, animation, rendering and compositing tool-set for games, broadcast graphics and visual effects.

Cloud

AutoCAD 360 Pro - View, create, edit, and share CAD drawings on a mobile device with Autodesk AutoCAD 360 Pro.

Fusion 360 - Design, test, and fabricate in a single tool. Work anywhere. Collaborate with anyone. Fusion 360TM is the first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC.

Process Analysis 360 - Model, analyse and optimise your manufacturing processes. Validate layout options to help reduce errors.

Recap 360 pro - Import, view, and convert real-world objects into point clouds for conceptual modelling. Work collaboratively to measure, tag, and annotate the model with project stakeholders.

Rendering in A360 - Collaboration for Revit cloud service connects project teams so they can work better together on shared building information models.