

Connected workflows for structural design, detailing, and fabrication with the AEC Collection

Benefits

Everything you need

Get access to BIM and CAD technologies that provide end-to-end capabilities for design, engineering, fabrication, and construction.

Powerful BIM workflows

Use integrated workflows that allow you to work more efficiently, improve project team collaboration, and offer more value-added services to clients.

Prepare for the future

Stay competitive with the ability to customize your software according to current project needs, and adopt advanced design and construction technologies when you need them.

“Our firm **relies on Autodesk BIM solutions** to help us deliver the highest level of service to our clients.”

—David J. Odeh, PE, SECB, Principal,
Odeh Engineers, Inc.

“The Advance Steel software’s ease of use, speed of modeling and connection design, and integrated design checks on the fly—combined with the ability to reuse the structural engineer’s Revit model—helped us **reduce our anticipated schedule time by approximately 20 percent.**”

—Adrian Betts, Drawing Office Manager,
TSI Structures

“With everyone collaborating on the same intelligent Revit model, we’ve been able to **improve building quality** even as we solicit input from every stakeholder. We **gained visibility into every aspect of the design**—something that wasn’t possible with previous solutions.”

—Ahmed Al Khatib, Structural Engineer,
Basler & Hofmann AG

Capabilities

Integrated software tools help structural professionals manage their structural projects from conceptual design through analysis, documentation, detailing, and fabrication.



Model



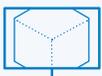
Computational and Generative Design



Documentation



Multidiscipline Coordination



Detailing



Fabrication



Structural Analysis



Virtual Reality

What the tools in the AEC Collection can do for you



Model

D **Dynamo**
Automate tasks and workflows in a visual programming environment.

R **ReCap Pro**
Design in-context with reality-capture and 3D scanning software and services.

Analyze & Verify

R **Robot Structural Analysis**
Analyze the effects of structural loads and verify code compliance.

D **Dynamo**
Automate tasks and workflows in a visual programming environment.

Document & Detail

A **Advance Steel**
Accelerate steel design, detailing, fabrication and construction.

A **AutoCAD**
Speed documentation, share ideas, and explore 3D concepts with powerful design and documentation tools.

D **Dynamo**
Automate tasks and workflows in a visual programming environment.

Rendering
Move compute-intensive rendering to the cloud to create more photorealistic images and panoramas.

Fabricate & Install

N **Navisworks Manage**
Integrate data from multiple sources to facilitate whole project review, coordination, and quantification.

A **Advance Steel**
Accelerate steel design, detailing, fabrication and construction.



Learn more about Autodesk's solutions for structural engineering and fabrication: www.autodesk.com/structural

Subscription benefits



Stay competitive by getting broad access to our latest innovations, along with the previous versions you need



Manage users, costs, and products in a way that makes sense for your business



Optimize your investment with valuable insights

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