

3D SHEETMETAL CREATOR 3DEXPERIENCE ROLE



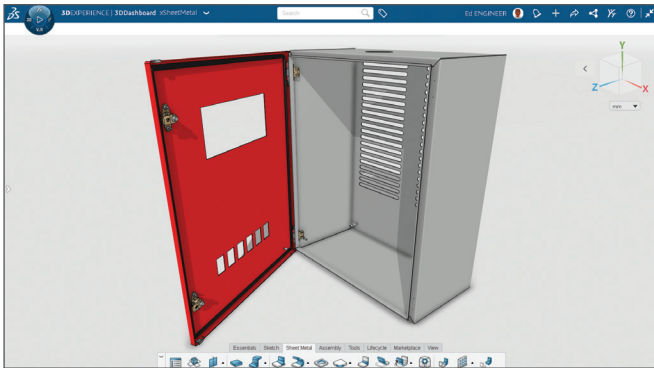
CREATE PRODUCTION-READY SHEET METAL DESIGNS WITH A POWERFUL, BROWSER-BASED SOLUTION

Bring products to market faster by streamlining the design of complex sheet metal components, assemblies and enclosures for manufacture.

OVERVIEW

3D SheetMetal Creator is an intuitive, browser-based solution that offers associative parametric sheet metal design capabilities to build components, assemblies and enclosures. Its specialized, all-in-one 3D sheet metal design environment helps you streamline how you create, store, share, validate and manage designs, and bring sheet metal products to market faster. Built on the cloud-based 3DEXPERIENCE® platform, 3D SheetMetal Creator stores design data securely in one central location and works seamlessly with the design-to-manufacturing, data management and collaboration solutions on the platform.

KEY CAPABILITIES



- Improve design productivity by using the sheet metal-specific feature set and context toolbars such as walls, flanges and corner reliefs.
- Work entirely in a web browser, giving you the freedom to design anytime, anywhere, with no need for installation.
- Utilize an intuitive single-modeling environment to convert features to components, and components to assemblies, making enclosure assembly design more flexible and efficient.
- Rapidly create and iterate designs in a matter of clicks, avoiding the assembly structure constraints and upfront planning required by traditional CAD applications.
- Create complex 3D sheet metal models for press brake manufacturing, and automatically generate 2D patterns that update instantly with the folded geometry.
- Utilize existing mechanical or electrical assemblies as reference geometry to model enclosures and easily insert commercial, off-the-shelf items into sheet metal assemblies.
- Bring in 3D data from SOLIDWORKS®, CATIA®, Solid Edge®, Inventor® and STEP and IGES to complete your assemblies.

CAPABILITIES OF THE 3DEXPERIENCE PLATFORM

With its growing solution portfolio and secure cloud technology, the **3DEXPERIENCE** platform enables you to manage all facets of your product development process while reducing infrastructure costs, IT overhead, software maintenance and complexity. All **3DEXPERIENCE** solutions work together seamlessly, simplifying data management, sharing and collaboration across your entire business ecosystem. 3D SheetMetal Creator can take advantage of the following platform capabilities:

- Store all your design data in a centralized, secure location in the cloud.
- Manage the lifecycle of any type of content—such as 3D design files, simulation models and documentation—across disciplines and CAD applications.
- Streamline data management with built-in revision control and branching.
- Navigate tabular and 3D design data simultaneously, and easily validate the differences between two product structures.
- View, share, annotate, discuss, visualize and manage designs from any device with a web browser.
- Intuitively toggle between platform solutions, such as 3D Creator and 3D Sculptor, to design complex assemblies that include a variety of design types.

Our 3DEXPERIENCE® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE** Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our **3DEXPERIENCE** platform and applications, our customers push the boundaries of innovation, learning and production.

Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.



3DEXPERIENCE®

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