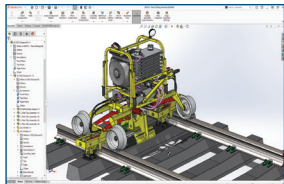


WHAT'S NEW IN 3DEXPERIENCE® SOLIDWORKS®

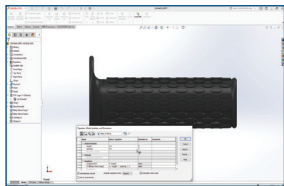


1 Assembly

- Optimize resolved mode automatically by selectively using lightweight technology when you load components in resolved mode.
- Be more productive with the ability to save large assemblies faster.
- Speed up your downstream processes by exporting assembly components as separate STEP files.

Benefits

Work faster with large assemblies through automated, smarter assembly management.

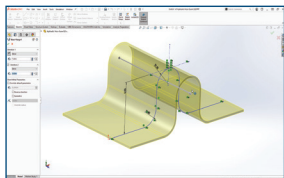


2 Parts and Features

- Turbocharge the copying of bodies with the ability to control translation and rotation values with equations.
- Speed up part modeling by referencing coordinate systems in 3D sketches, 2D sketch dimensions, and mirroring.
- Create wrap features from sketches that use single-line fonts, also known as stick fonts.

Benefits

Create part geometry faster with multi-body modeling improvements and more extensive use of coordinate systems.

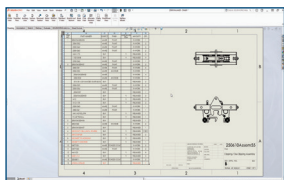


3 Sheet Metal

- Equalize bend radius values more easily by applying symmetric thickness with the Base Flange or Lofted Bend feature.
- Include the sheet metal gauge value in annotations and cut lists.
- Receive automatic sensor alerts when you exceed the sheet metal bounding box size limits.

Benefits

Speed up sheet metal design while improving communication with manufacturing.

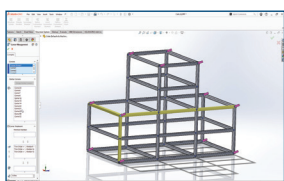


4 Drawings and Detailing

- Ensure standardization by limiting geometric tolerances to a specific standard with the Enable/Disable options.
- Identify overridden values in a BOM table more easily with values turning blue when overridden.
- Display transparent models in drawings with Hidden Lines Removed (HLR) and Hidden Lines Visible (HLV) modes.

Benefits

Create drawings that represent designs more accurately with improved transparent model display, and ensure standardization by limiting geometric tolerances to a specific standard.

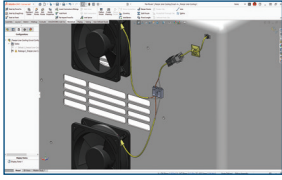


5 Structure Design

- Group similar corners and apply trimming, then automatically apply connection plates, with the new Pattern feature.
- Select a set of weldment members of the same size and type, and change their size for specific configurations.
- Zoom to a selected corner from the FeatureManager® design tree or the Corner Management PropertyManager.

Benefits

Build and modify more complex structures easily with the streamlined user experience.

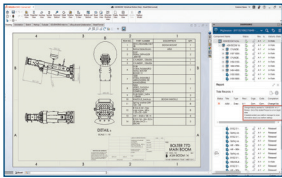


6 Electrical and Pipe Routing

- Create splices with multiple circuits to which wires or cable cores are connected.
- Visualize your harnesses segment clearly by viewing its graphical cross section.

Benefits

Handle more complex electrical routing scenarios with new options for flattening, reorienting, and displaying wires and connectors.

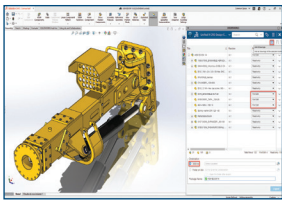


7 Cloud Data Management

- Prevent production errors by ensuring drawings are released only when all components are released.
- Ease revision control with a choice of new flexible revision formats.
- Manage saved data on the **3DEXPERIENCE** platform by defining a Bookmark to your content on Save.

Benefits

Securely store and manage your **SOLIDWORKS** data in the cloud while preventing production errors by streamlining drawing release.

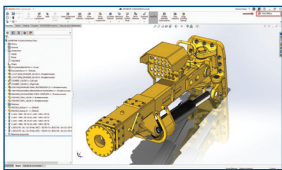


8 Data Exchange With External Suppliers

- Share design projects quickly outside the **3DEXPERIENCE** platform with a simple **SOLIDWORKS** command.
- Control your data integrity by setting permissions on your shared data.
- Add supplier design changes while maintaining the PLM data when saving to the **3DEXPERIENCE** platform.

Benefits

Easily and securely communicate with your external suppliers by providing relevant PLM data.

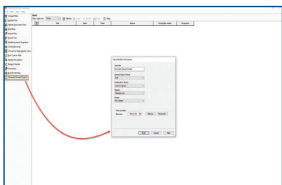


9 Offline Mode

- Work with your CAD designs anytime and anywhere, regardless of internet connection, with the new offline mode.
- Never lose design changes with local file saving, recording to the **3DEXPERIENCE** platform when back online.

Benefits

Continue your work without interruption even when internet connectivity is limited or lacking.



10 Task Scheduling

- Save time and effort by automating manual tasks, such as drawing creation, and performing them later.
- Automate the export of released or frozen content such as DXF™/DWG files on the **3DEXPERIENCE** platform.

Benefits

Improve efficiency by automating manual tasks.

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.



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