SIEMENS
Ingenuity for life

Solid Edge technical publications

Share designs more easily with detailed illustrations and interactive technical documents

Benefits
- Easily create raster and vector images and multi-page technical documents directly from Solid Edge 3D parts and assemblies
- Start technical documentation earlier in the process
- Eliminate the need for specialized technical authors or external services
- Communicate more easily with customers
- Rapidly update documentation when designs change
- Reduce documentation errors

Features
- Create industry-standard 3D PDF files that can be viewed without additional plugins
- Publish industry-standard, web-based HTML5 that can be viewed without additional plugins on most browsers and on most devices, including mobile
- Automate creation of instruction steps and parts lists with easy-to-use storyboard wizards

Summary
The ability to clearly communicate the correct manufacturing, installation and maintenance procedures for designs is essential to the performance of your products and the success of your business. By using Solid Edge technical publications solutions, your designers can quickly create many types of technical documents, including work instructions, maintenance manuals, user guides and spare parts catalogs. Solid Edge technical publications solutions are seamlessly integrated with Solid Edge® software, enabling you to work directly with your Solid Edge parts and assemblies and eliminate the need to convert computer-aided design (CAD) files.

Streamlining the documentation process
Solid Edge technical publications solutions help streamline your documentation process with time-saving features for rapidly creating and updating documents. You can quickly create instructions or product catalogues including 3D graphics and help reduce costly mistakes.
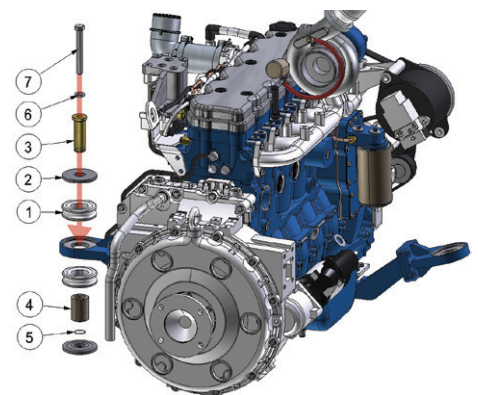
Solid Edge technical publications solutions include a storyboard wizard that can be used to automatically create step-by-step processes from exploded assembly views. The wizard sets up viewpoints and hides and selects appropriate information based on the exploded step or parts lists. The storyboard wizard can be used with smart templates for a two-step process to quickly insert multiple pages into a document. Smart templates also allow users to create multi-page documents based on illustrations, parts lists or configurations.

Additionally, Solid Edge technical publications tools simplify working with large models by organizing them into subsets. These features, combined with the ability to import multiple 3D CAD files into one document, provide an efficient and optimal documentation workflow.
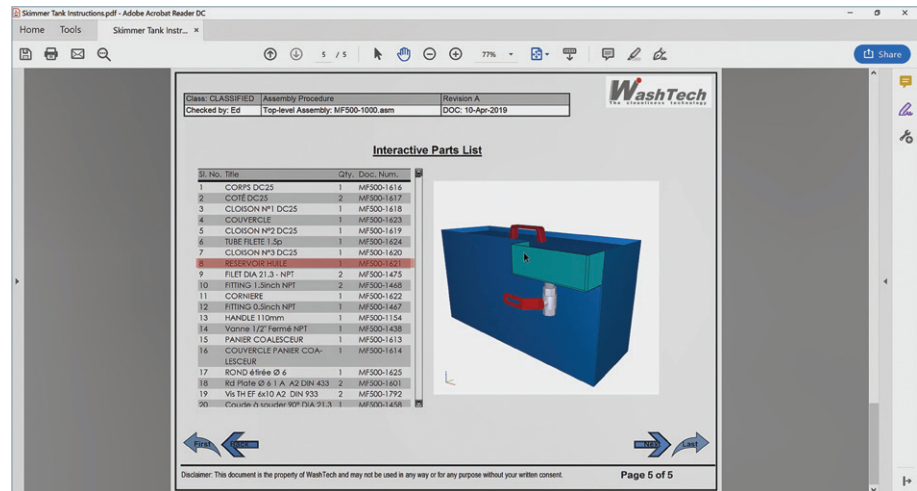
Solid Edge Illustrations
Solid Edge Illustrations provides an efficient workflow for creating custom parts lists and animated instructions. You can also output raster and vector graphics as well as template-based 3D PDF files and HTML5.

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Solid Edge technical publications

Features *continued*
- Rapidly lay out document pages using smart templates
- Import/export Solid Edge section views
- Batch publish illustrations to custom sizes, best matching the intent of the graphics

Solid Edge 3D Publishing
Solid Edge 3D Publishing, which also includes Solid Edge Illustrations, is essential for creating technical documentation. With Solid Edge 3D Publishing, you can combine 3D illustrations and page design to create multi-page documents. Illustration sizing enables users to publish raster and vector images in custom sizes instead of using the same general size for all published files. The resizing capability allows for more customizable and useful publications. Solid Edge 3D Publishing also offers an easy way to navigate 3D documents using common clickable buttons and tables, providing an easy-to-use interface.

XLIFF Language Translation
Reach a larger, global market using XML Localization Interchange File Format (XLIFF) language translation to easily translate and localize digital documents. Available as an add-on, the Solid Edge XLIFF Language Translation module provides import/export functionally for language translation for both Solid Edge 3D Publishing and Solid Edge Illustrations.

Seamlessly integrated into the Solid Edge user interface, the module exports a compressed zip file that includes XLIFF and rich text format (RTF) files. An industry-standard translation format based on XML, XLIFF is compatible with translation software to simplify localization. Formatted text, such as text boxes in 3D Publishing, are exported to RTF format so that rich formatting can be maintained or edited during the translation.

Extending value
Solid Edge is a portfolio of affordable, easy to deploy, maintain and use software tools that advance all aspects of the product development process – mechanical and electrical design, simulation, manufacturing, technical documentation, data management and cloud-based collaboration.

Minimum system configuration
- Windows 10 Enterprise or Professional (64-bit only) version 1709 or later
- 8 GB RAM
- 65K colors
- Screen resolution: 1920 x 1080
- 6.5 GB of disk space required for installation

Product feature matrix

	Solid Edge Illustrations	Solid Edge 3D Publishing
Type of output	Technical illustrations	Technical documentation
Authoring	Create illustrations from a 3D model	Create multi-page documents with embedded 3D models using page design tools (includes Solid Edge Illustrations)
3D tools	The 3D tools are common between the products, making it easy to switch from one to the other	
Document features	Single-page templated for PDF and HTML5 outputs	Full-featured, multi-page, customizable documents. Support for multiple 3D files in a single document
Print	Batch creation of vector files or raster images from illustrations	Printed, multi-page document or static PDF
Interactive PDF	Single-page template	Entire multi-page document publishes to PDF
Interactive 3D HTML5	Model-only or single-page template	Entire multi-page document publishes to HTML
Working file format	Solid Edge model (QSM)	Solid Edge document (QSD)
Interoperability	QSM files can enable re-use of illustrations between products: • Solid Edge Illustrations can export QSM files that can be imported into Solid Edge 3D Publishing • Solid Edge 3D Publishing can export QSM files that can be opened with Solid Edge illustrations	
Associative Solid Edge model	Yes	Yes
Support for third-party CAD data	Yes	Yes