

**FOCUS  
ON REAL  
DESIGN  
AUTOMATE  
THE REST**

**CUSTOMTOOLS  
Datasheet**

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**CUSTOMTOOLS**



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## BATCH PROCESSING

### Batch printing

	BASIC	PRO
Manage print order	X	X
Inserts BOM quantities	X	X
Define print settings per sheet format or paper size	X	X
Print-time custom properties	X	X
Print sheets referenced by model configuration	X	X
Reloads sheet formats	X	X
Changes sheet formats	X	X
Manage layer visibility	X	X
Include/Exclude specific sheets	X	X
Filter based on property value	X	X
Print non-native SOLIDWORKS files	X	X
Launch print from search results	X	X
Print closed assembly	X	X
Add files, assembly or folder to the print list	X	X
Define print profiles	X	X
Batch print drawings	X	X
Supports non-native SOLIDWORKS files	X	X
Customer specific properties (print/convert)	X	X
Translate properties and title blocks		X

### Batch conversion

	BASIC	PRO
Convert to multiple formats at the same time	X	X
Merges assembly drawings into one PDF	X	X
Merges DXF based on sheet metal thickness and material	X	X
Define file naming and storing rules	X	X
25 file formats available	X	X
Insert BOM quantities	X	X
Convert sheets referenced by model configuration	X	X
Filter based on property value	X	X
Reloads sheet formats	X	X



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Changes sheet formats	X	X
Manage layer visibility	X	X
Write properties to converted files at run-time	X	X
Include/Exclude specific sheets	X	X
Include/Exclude specific configurations	X	X
Supports multi-body parts	X	X
Run conversion rules on BOM export	X	X
Run conversion rule automatically on save operations	X	X
Define conversion profiles	X	X
Imposes PDF	X	X
Convert drawings, parts & assemblies	X	X
Launch conversion from search results	X	X
Converts closed assembly	X	X
Customer specific properties (print/convert)	X	X
Associate configuration name to output file name	X	X
Translates properties and title blocks		X

### Solid Edge migration

	BASIC	PRO
Imports Solid Edge model to SOLIDWORKS files		X
Converts Solid Edge drawings to PDF/DXF/DWG		X
Imports Solid Edge file properties		X
Fixes components in SOLIDWORKS		X
Map material		X
Filters properties to import		X
Keep original file structure		X



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## **SHEET METAL TOOLS**

### **DXF Automation**

	<b>BASIC</b>	<b>PRO</b>
Auto-create DXF drawing sheet		X
Auto-create DXF from parts		X
Auto-create DXF for multi-body parts		X
Merge DXF based on material & thickness		X
Insert customized property notes in DXF/DWG		X
Use cut list item in output file name		X
Use instance number and total quantity in output file name		X
Associate configuration name to output file name		X

### **Cut-list property management**

	<b>BASIC</b>	<b>PRO</b>
Write additional cut list properties	X	X
Property pane for cut list items	X	X
Auto number cut list item	X	X
Write additional properties based on geometry	X	X
Copy cut list item as drawing/model properties		X



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## **REPORTING**

### **Excel Report**

	<b>BASIC</b>	<b>PRO</b>
Generate custom Excel reports		X
Generate custom BOM listing		X
Insert preview image		X
Insert SOLIDWORKS attributes		X
Insert custom property values		X
Accumulates quantities		X
Insert link to converted files (req. CT Apps)		X
Bi-Directional Excel report (req. CT Apps)		X
Keep BOM Structure		X
Translate custom properties		X
Manage configurations		X
Run file conversion rules during report creation		X
Launch reporting from search results		X
Supports user defined sub-structure for parts		X



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## PROPERTY MANAGEMENT

### Property Pane

	BASIC	PRO
<b>Manage properties based on configuration</b>		
Writes property values to pre-defined target	X	X
Writes property values to all configurations	X	X
Writes property values to specific configuration	X	X
Writes property values to document properties	X	X
Writes property values to active configuration	X	X
Writes property values to document properties and active configuration	X	X
Writes property values to document properties and all configurations	X	X
<b>Custom properties functions</b>		
Manage property group visibility	X	X
RAL Colors/Colors	X	X
Link mass and material	X	X
Manage revisions data	X	X
Link to dimensions	X	X
Auto-numbering	X	X
Auto-numbering based on property value	X	X
Track property change history	X	X
Clear property value on Save As	X	X
Define customer specific properties	X	X
Insert property translation		X
Link to external data source		X
Copy cut list item property as model/drawing property		X
Copy model property as drawing property		X
Custom dictionaries		X
<b>Look up list</b>		
Multi-level look up list	X	X
Keyed values	X	X
Hierarchical dropdown list	X	X
Keyed values	X	X
Fetch dropdown list content	X	X
<b>Default values</b>		



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Define default custom property	X	X
Insert user's initial	X	X
Insert SOLDIWORKS functions as default values	X	X
Insert current date	X	X
User/User group based default property value	X	X
Auto complete	X	X
Retrieve parent property value	X	X

### Formatting

Combine custom properties	X	X
Define maximum length	X	X
Force CAPS	X	X
Define values to be written for check box	X	X
Configure date format	X	X
Compulsory values	X	X
Multiline properties	X	X

### Propagate property value

	BASIC	PRO
Propagate property values to models, parts and assemblies		X
Propagate property values to drawings		X
Updates combinations of properties		X

### Insert Notes

	BASIC	PRO
Pre-defined note templates with custom properties	X	X
Save note for later use	X	X
Share notes between users	X	X
Insert BOM quantity during file conversion	X	X
Insert notes during file conversion		X

### Drawing Template

	BASIC	PRO
Customize sheet formats with custom properties	X	X
Access to pre-defined list of available properties	X	X
Insert properties defined for models and drawings	X	X
Insert revision table	X	X



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### Bounding box

	BASIC	PRO
Supports parts and assemblies		X
Define a bounding box offset		X
Updates automatically		X
Writes additional bounding box dimension properties		X

### Co box

	BASIC	PRO
Insert coordinates points in drawing		X
Create groups of coordinates		X
Supports linear and polar coordinates		X
Supports arc centre point		X
Updates automatically		X





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## FILE MANAGEMENT

### File naming

	BASIC	PRO
Define file naming rules	X	X
Number sequencing	X	X
Shared sequences between users	X	X
Specific naming for parts and assemblies	X	X
Combine custom properties	X	X
Auto-save to folder	X	X
Configuration specific drawings	X	X
Generate a sequence number based on property value	X	X
Detect property value changes	X	X
Define sequence format	X	X
Increment sequence number	X	X
Auto-generate drawing filename	X	X
Supports naming of virtual components	X	X
Save configuration as new file	X	X
Replace component in assembly	X	X
Save as and break external references	X	X
Copy as new component in assembly	X	X
Rename existing file	X	X
Property pane popups on save operation	X	X
Run conversion rule on save operation		X

### Project

	BASIC	PRO
Define projects and sub-projects		X
Auto-save to project folder		X
Define model & drawing save folders		X
Define specific file naming rules per projects		X
Project specific sequencing		X
Loads default custom property values		X
Search files based on project/sub-project		X
Auto-Number & Name by Project		X
Link project/ parent project information to custom properties		X
Retrieve projects from ERP (req. customization)		X



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## ERP CONNECTION

### Import

	BASIC	PRO
Live ERP search in property pane		X
Link ERP data to properties		X
Fetch dropdown list content		X
Connect to different tables		X

### Export

	BASIC	PRO
Export BOM to ERP (req. customization)		X
Automate the creation of new items in ERP (req. customization)		X
Export BOM to XML		X
Export BOM to HTML		X
Export BOM to CSV		X
Export BOM to TXT		X
Export preview image		X
Launch Export from search results		X
Supports user defined sub-structure for parts		X



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## **ADVANCED SEARCHING**

### **Search**

	<b>BASIC</b>	<b>PRO</b>
Search files based on custom property values	X	X
Search files based on document types	X	X
Drag & drop files from the search results	X	X
Free search	X	X
Configurable search pane	X	X
Supports file configuration	X	X
Search based on BOM part number	X	X
Remembers last search criteria	X	X
Project search		X

### **Open Drawings**

	<b>BASIC</b>	<b>PRO</b>
Identifies all drawings made for a model	X	X
Opens associated drawings	X	X
Works regardless of naming and storing conventions	X	X
Supports configuration specific drawings	X	X

### **Explore**

	<b>BASIC</b>	<b>PRO</b>
Locate a file in Windows Explorer	X	X



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## **DESIGN REUSE**

### **Copy**

	<b>BASIC</b>	<b>PRO</b>
Copy and rename assemblies		X
Move and rename assemblies		X
Copy referenced drawings		X
Include active/referenced configurations		X
Modify properties		X
Exclude Design Library files		X
Exclude Toolbox parts		X
Keep folder structure under the main assembly		X
Update drawings with property changes		X
Define destination folder for Models/Drawings		X
Find and replace in file name		X
Create a zip		X
Filter files to copy based on property value		X

### **Where Used**

	<b>BASIC</b>	<b>PRO</b>
Locate where a model is being used	X	X