

MyCADtools



CADNEA
GRUPO ISICOM

www.cadnea.com

CERTIFIED
Gold
Product

 **SOLIDWORKS**



With Moovapps myCADtools, adapt SOLIDWORKS to your work methods and automate routine design tasks

WHO IS MOOVAPPS MYCADTOOLS AIMED AT?

All CAD designers in design offices who want to be more productive and more efficient in their daily use of SOLIDWORKS

WITH MOOVAPPS MYCADTOOLS:



Save time and improve reliability



Boost productivity and promote innovation



Develop your specific business requirements

YOUR CHALLENGES

- Adapt the CAD tool to your organisation and your work methods,
- Reduce time lost due to managing CAD data in favour of design and innovation,
- Enhance the basic CAD functionalities by taking into account your specific business requirements.

MOOVAPPS MYCADTOOLS

3D design is acclaimed in all design offices. It drives creativity and innovation... and is therefore considered to be the linchpin of the designer's job, and what inspires them. However, no designer enjoys itemising parts all day long, printing plans or performing tasks with no real added value, and this is where Moovapps myCADtools can help!



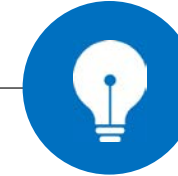
Over 50 SOLIDWORKS tools to optimise your daily tasks

With Moovapps myCADtools



Save time and improve reliability

- Standardise your SOLIDWORKS data
- Avoid errors and oversights by automating repetitive tasks
- Produce designs more quickly and more efficiently



Boost productivity and promote innovation

- Eliminate tedious and repetitive tasks
- Simplify and optimise your daily work
- Accelerate and optimise the transition from design to production



Develop your specific business requirements

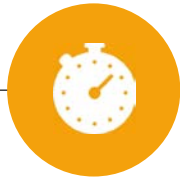
- Benefit from the experience of 3,000 customers
- Adapt SOLIDWORKS to your specific requirements
- Trust 30 years of experience in CAD

KEY FUNCTIONALITIES

- Coding rules and quick creation of smart properties on documents
- Mass processing tools for projects/folders
- Application of colours from RAL and Pantone colour charts
- Automatic creation of bills of materials in the form of component drawings
- Extraction of multiple bills of materials from projects/folders
- Optimisation of profile output to minimise material loss
- Automatic insertion of your configured library components
- Search where-used lists for components

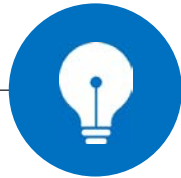


With Moovapps myCADtools



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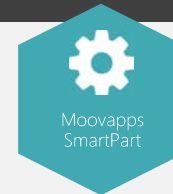
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OUR SATISFIED CUSTOMERS



Moovapps myCADtools, a product in the Moovapps range





SmartProperties

Standardize properties, create your article code and name all your new documents



SmartBom

Send the right information to the right departments of the company by creating nomenclatures filtered by type (Manufacture, purchase, ...)



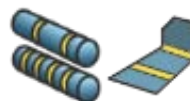
BatchConverter

Easily export with your neutral file naming rules to create your manufacturing folder



ProjectManager

Make a pack and go of your assemblies taking into account the update of the properties and the naming of the new documents



SheetMetalManufacturing CuttingOptimization

Generate all sheet metal flat patterns from an assembly and grouped by thickness or material

Create the cutting plan for your mechanical welding projects and save material



Integration

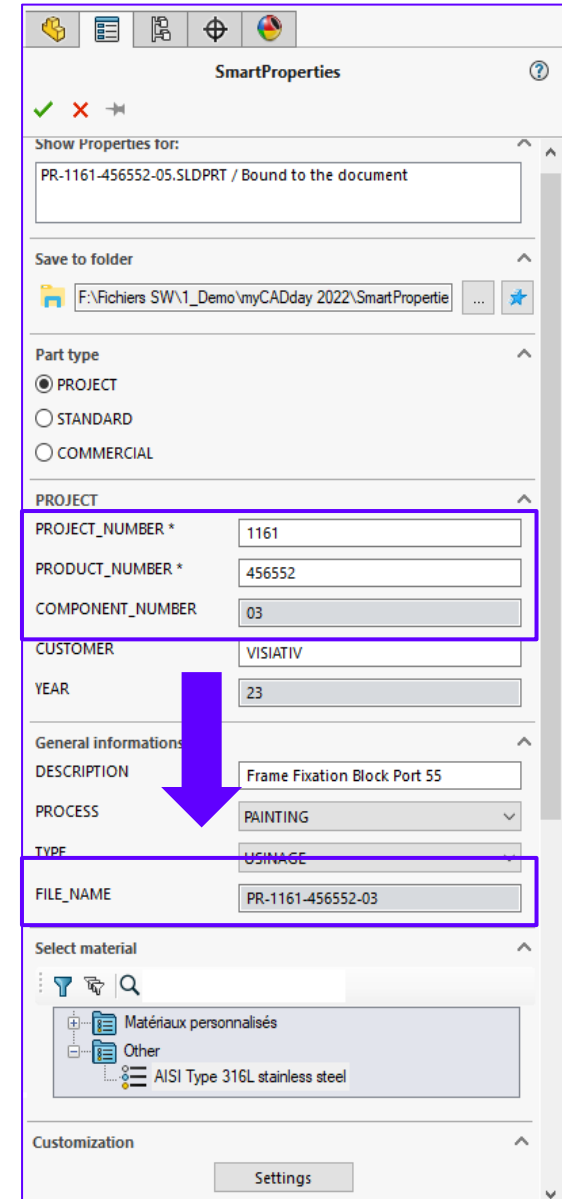
Mass edit your documents with custom actions based on your needs with this myCADtools toolkit

Standardize properties, create your own item code with counters per project and automatically name your new documents

« We have implemented a custom coding rule...
Numbering is no longer done manually, which
saves time and eliminates oversights and
duplicates permanently.»



Functionalities	my	SW
Create your mask to apply properties	✓	✓
Copy an existing part with its drawing in 2 clicks	✓	
Use a counter per project to create an article code	✓	
Automatically name each new document	✓	
Concatenation of length properties to mass rename all folders for mechanical welding, sheet metal, etc.	✓	





SmartBom

Extracting a BOM with or without SOLIDWORKS from a document or folder



Create in one operation several BOMs filtered by type (manufacture, purchase, ...) from an assembly or a Windows folder

«Allows the final formatting of the components to transmit the correct information to production and to the various departments concerned »



Functionalities



Extraction of mechanically welded components directly into assembly BOMs



Create several BOMs in one operation using filters on document properties



Export drawings to PDF with quantity information



Concatenation of properties in a column



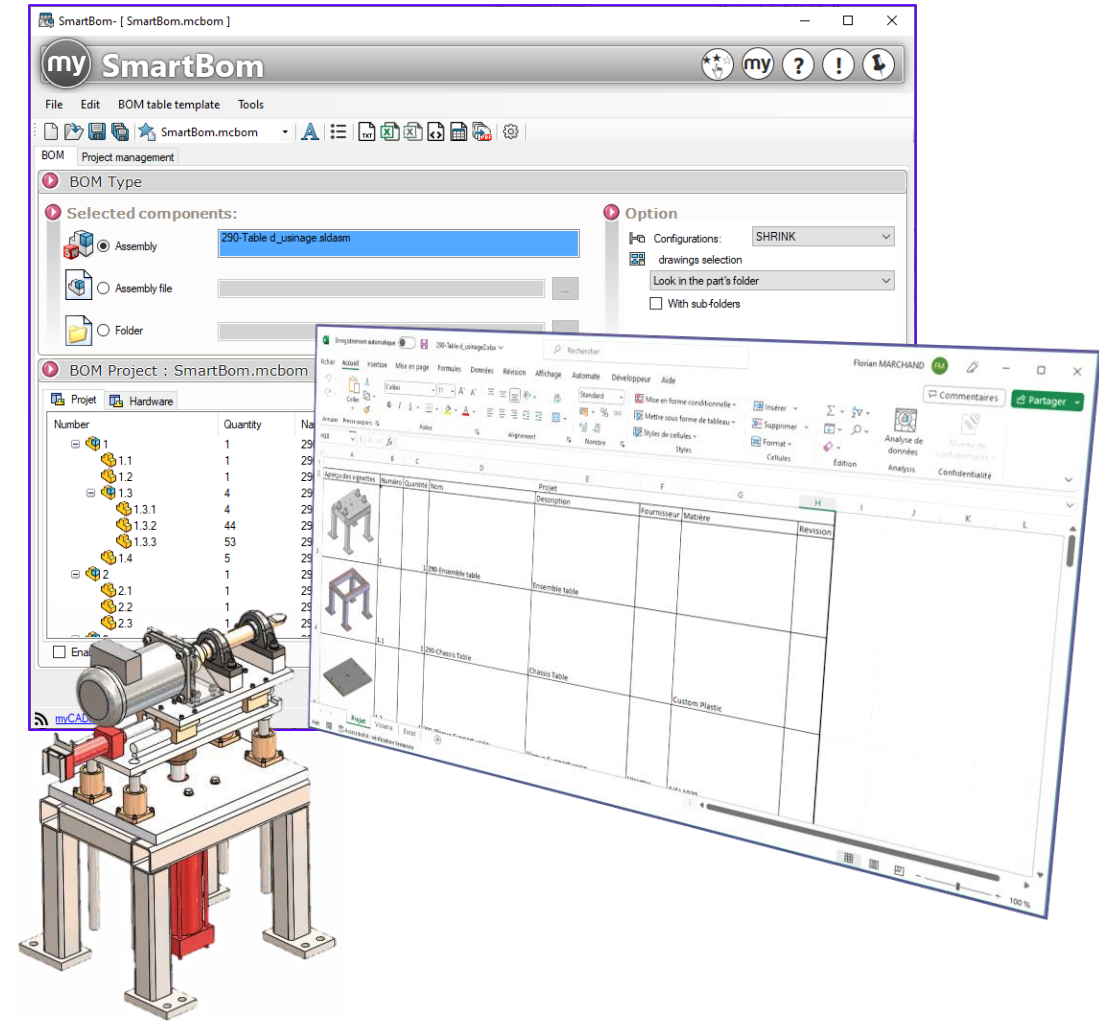
Customize export format and add the document preview in the Excel export



Modify properties from the Bill of Materials



Export all properties (documents and configuration) of the files present in a folder in an Excel file





BatchConverter

Mass export SOLIDWORKS documents



Automatically convert a list of SOLIDWORKS documents (Parts, Assemblies or Drawings) into all formats supported by SOLIDWORKS (DXF, TIFF, PDF, IGES, ...)

Standardize export file names and save time

Functionalities



Batch export SOLIDWORKS documents

✓

✓

Automatically retrieve all drawings from an assembly and concatenate all generated PDF files

✓

Batch import to SOLIDWORKS format

✓

Automatic export of a document per configuration

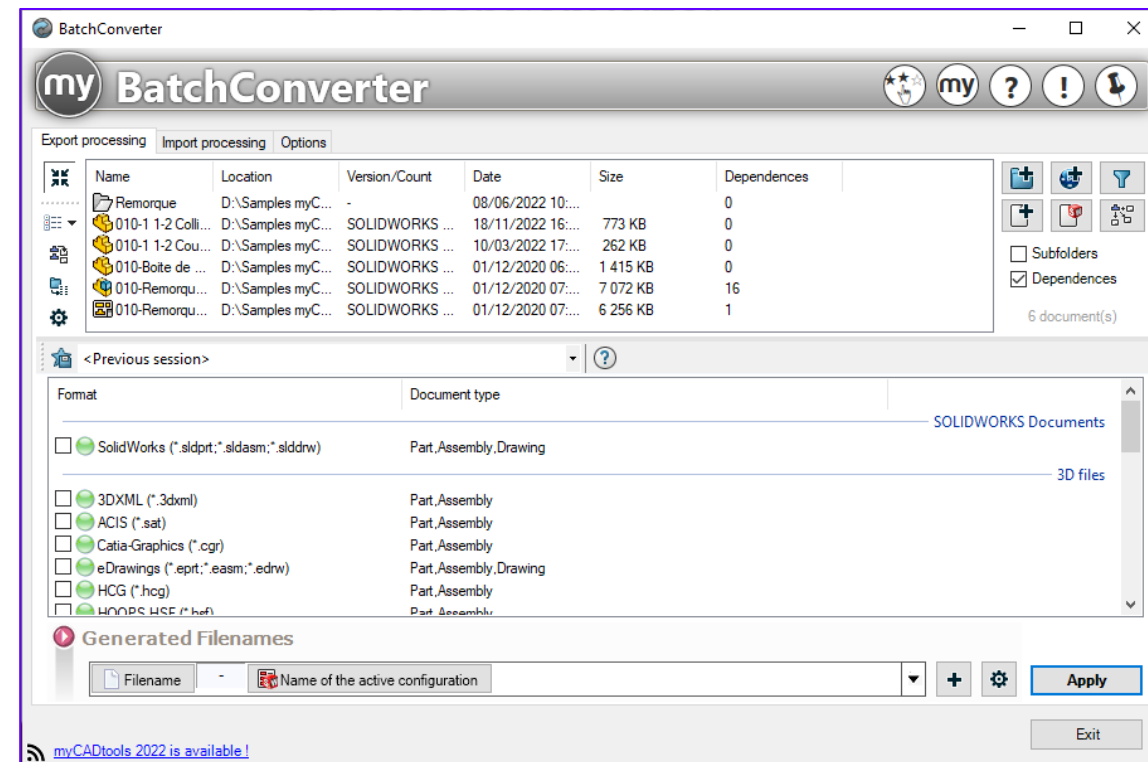
✓

Have naming rules based on file properties and choose destination directories

✓

Ability to export in multiple formats at the same time

✓





ProjectManager

Easily duplicate a SOLIDWORKS project with all its dependencies



Manage property values, set a new name using counters (like in SmartProperties) and manage folder structure by properties with a tool like Pack and Go SOLIDWORKS

Reuse your projects for new business by recreating your item codes when duplicating

Functionalities



Duplicate a project with all or part of the dependencies by renaming files with prefixes or suffixes

✓

✓

Manage document properties when copying

✓

Rename documents based on filters and user-defined rules

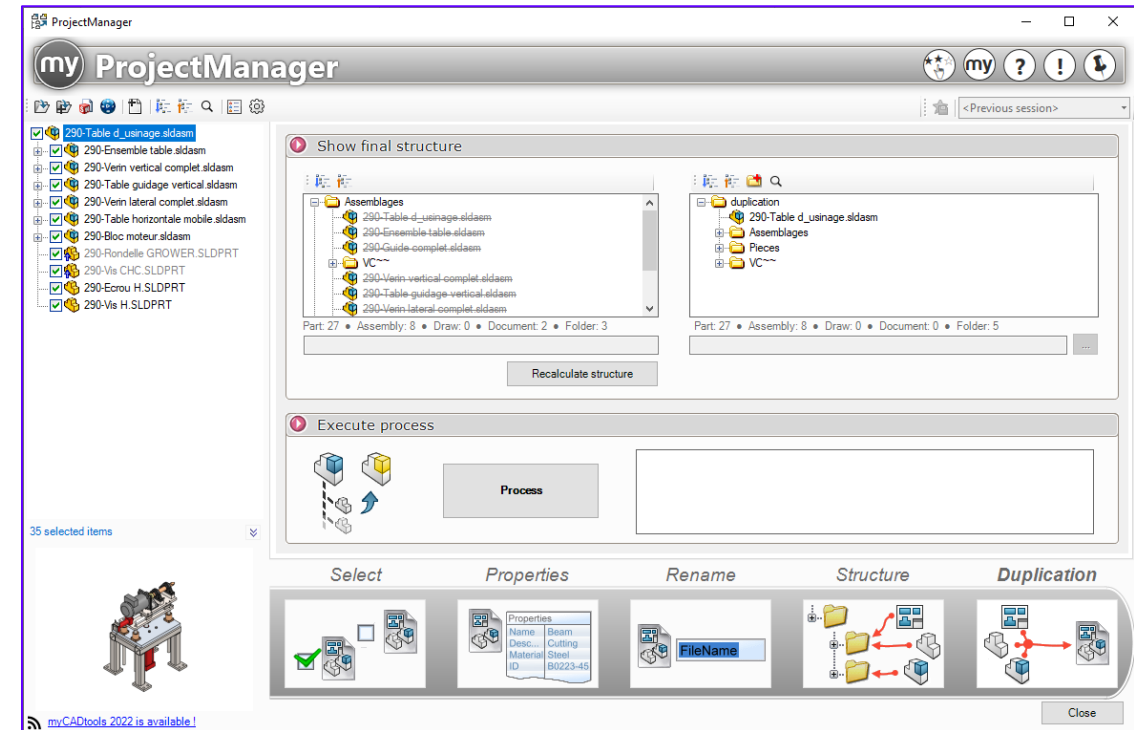
✓

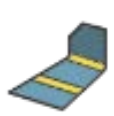
Redefine the location and structure of duplicate files based on filters and user-defined rules

✓

Local setting of search folders for referenced files and drawings

✓





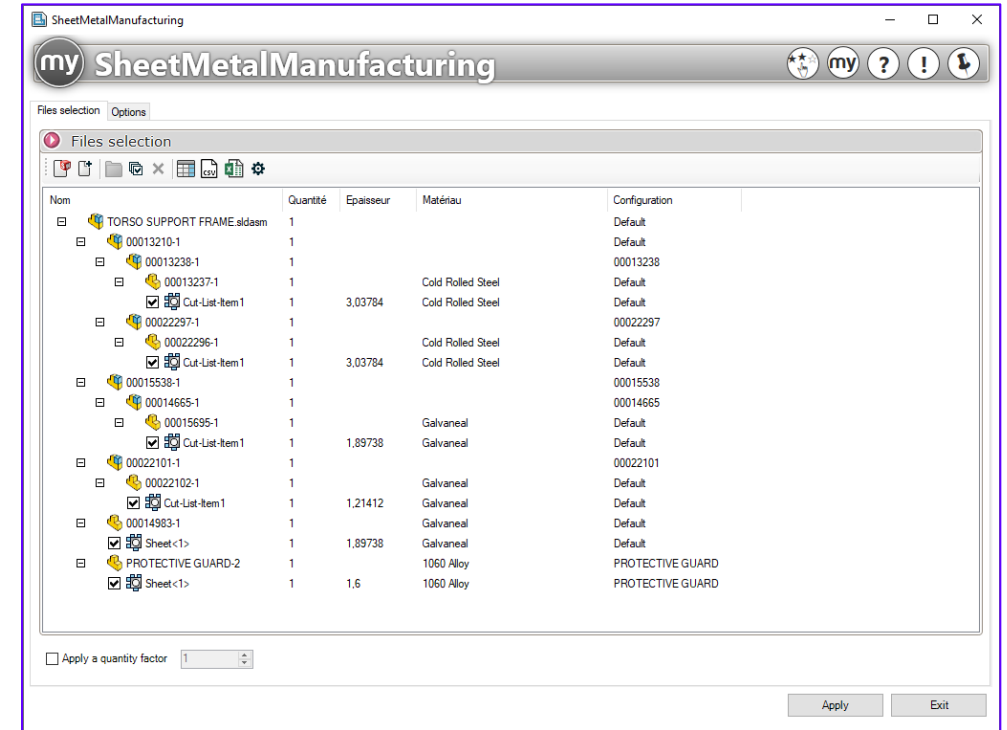
SheetMetalManufacturing

Generate a DXF/DWG containing all the flat patterns of a sheet metal project



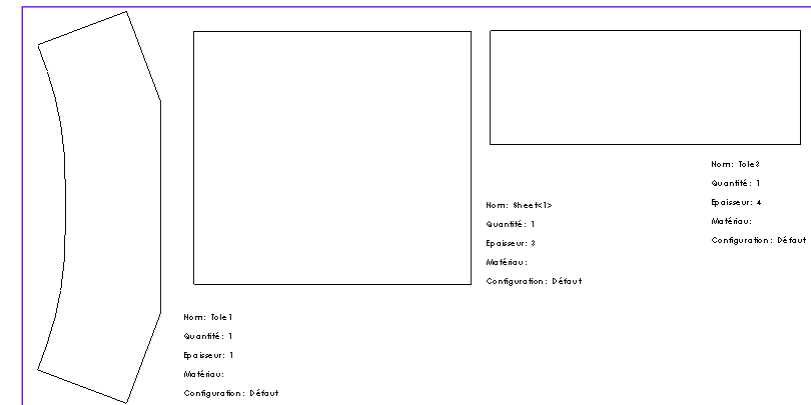
Obtain an automated export, in a file, of all the flat patterns of sheet metal parts of a project

Save your time, cut unnecessary tasks and focus on design



Functionalities

Create DWG or DXF file per flat patterns	✓	
Grouping of flat patterns per sheet or file depending on material and thickness	✓	
Creation of a SOLIDWORKS drawing editable before sending to production	✓	
Manage the name of exported files	✓	





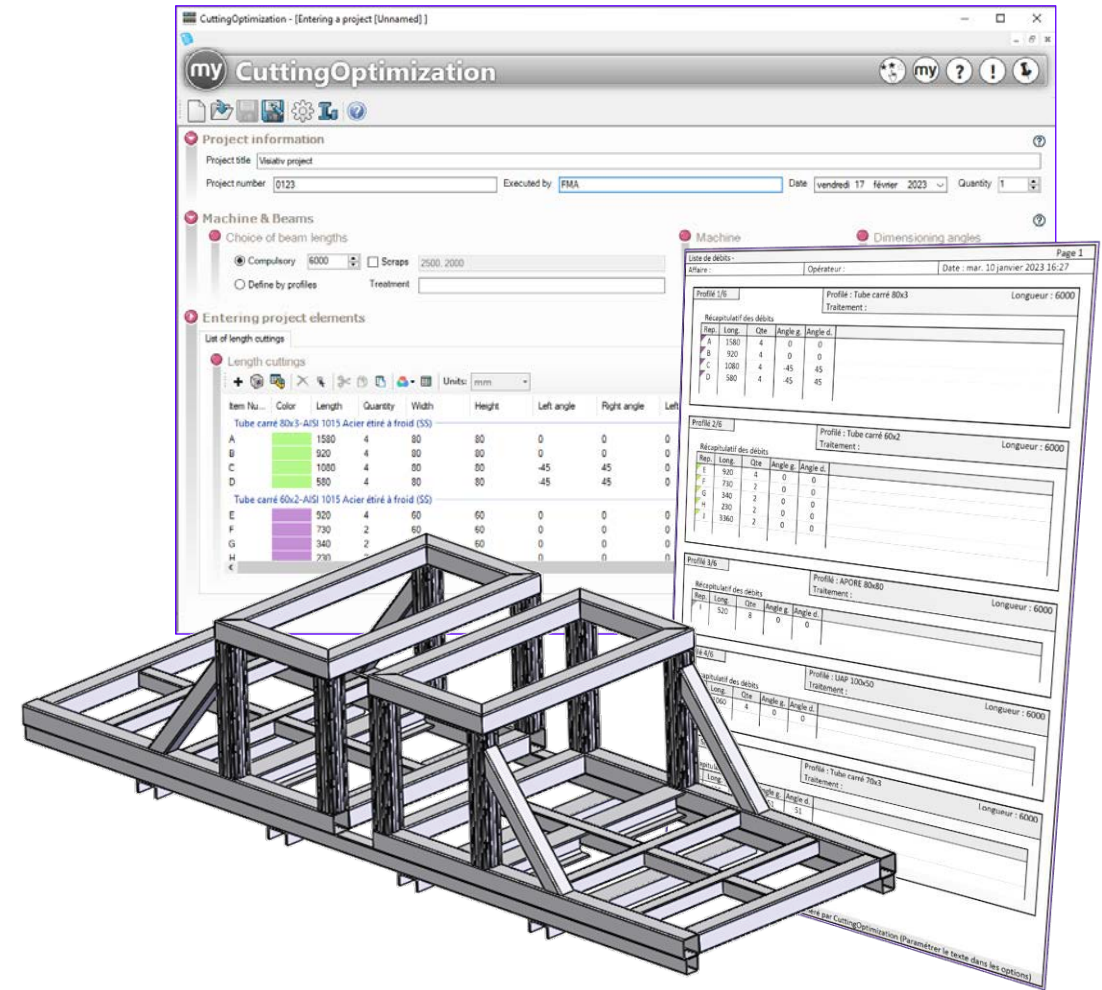
CuttingOptimization

Optimize the cuts of the profiles and calculate the optimum bar length for my project



Save material by optimizing your cut of weldment profiles based on SOLIDWORKS assembly or parts

Optimize your cuts and save material every year!



Functionalities



Import of profiles via 3D SOLDWORKS, Excel table



Calculation and optimization of profile cuts



Calculation of the cost of cuts (time, % drop, ...)



Management of cutting angles



Management in the same project of different profiles



Calculation of the optimum bar length to supply



Generate a report with the cut plan for each profiles





Integration

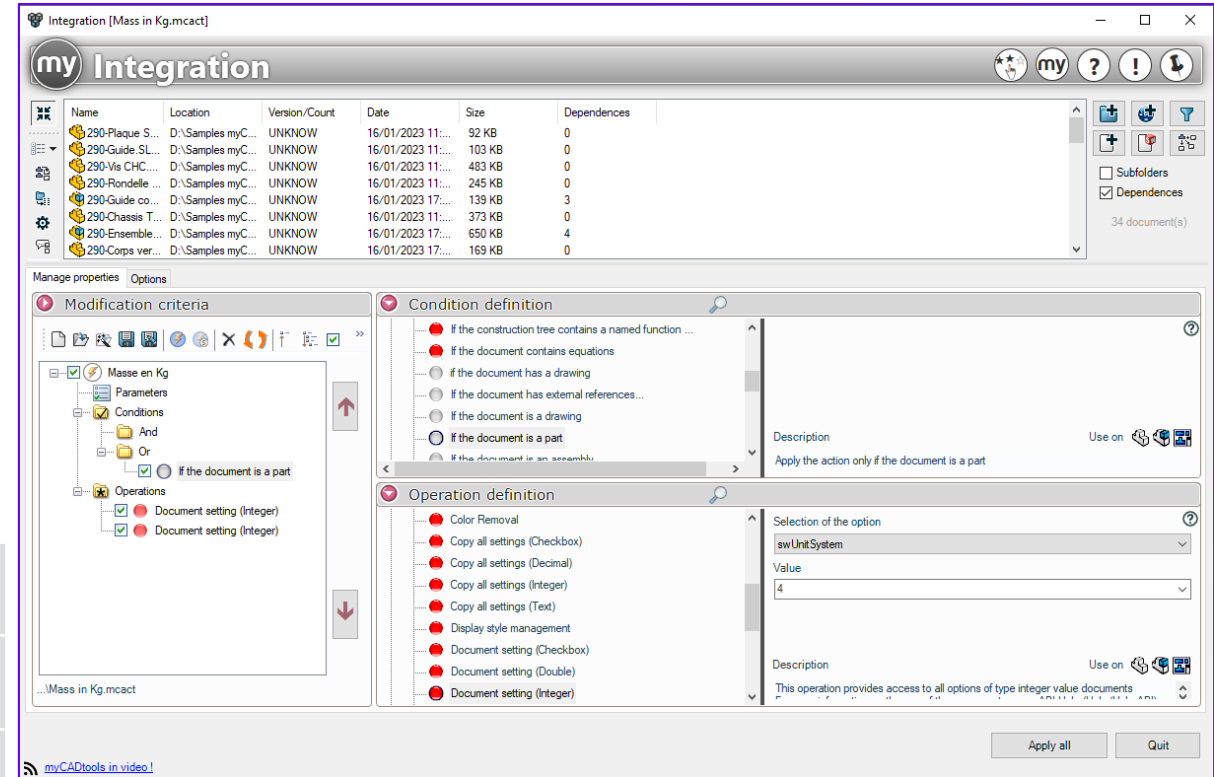
Automatically standardize SOLIDWORKS documents via work rules



Standardize your documents based on rules.

Thanks to a library of more than 50 conditions and 100 operations, make mass changes to your documents (Properties, materials, export, zoom, configurations, sheets, etc.)

Perform custom processing on batch documents



Functionalities



Standardize property names, set values from an Excel table...



Mass launch a macro on SOLIDWORKS documents



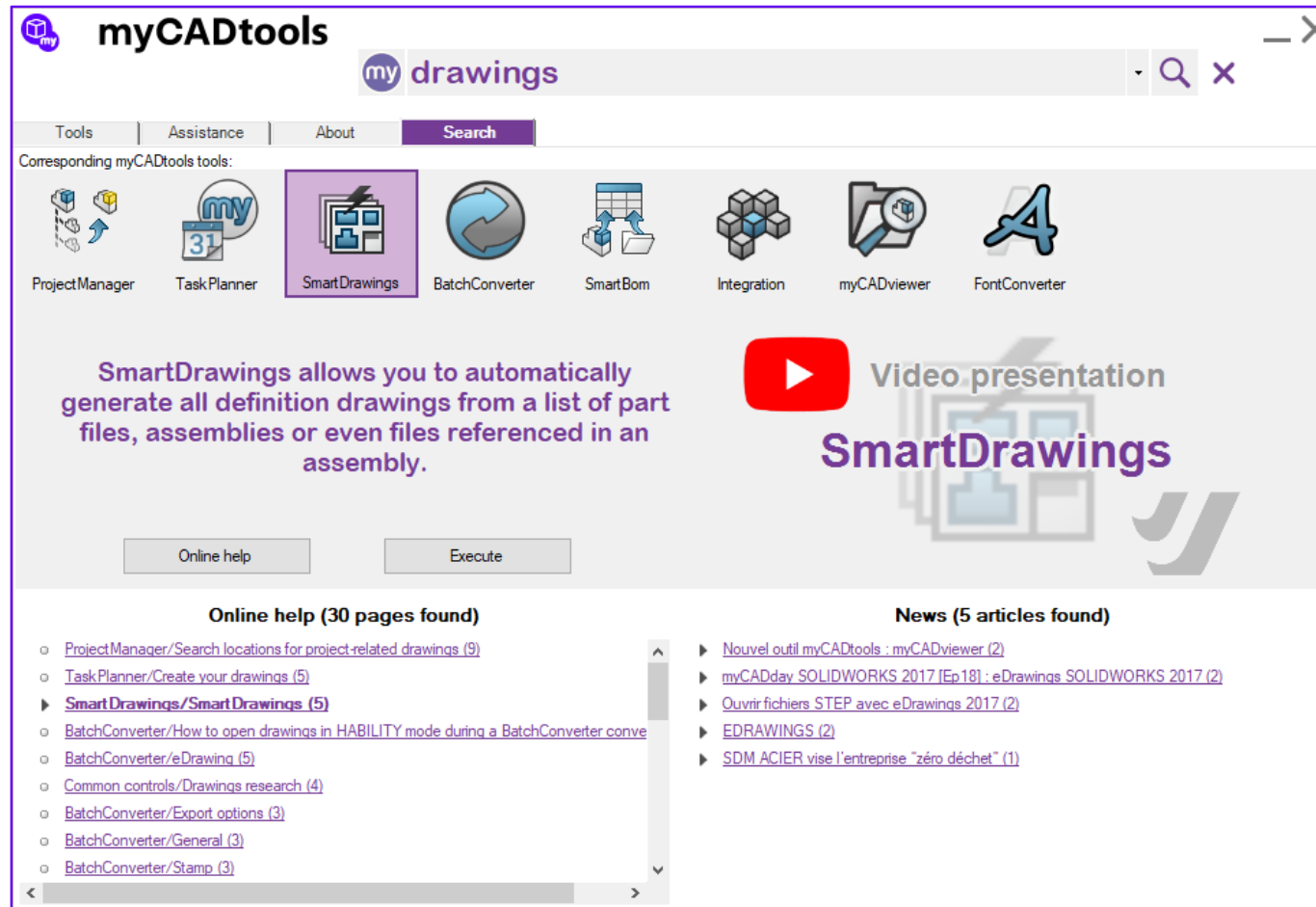
Create a custom anomaly report



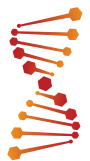
Managing SOLIDWORKS Document Options



Find all the myCADtools possibilities thanks to our search tool



The screenshot shows the myCADtools search interface. At the top, there is a search bar with the text "my drawings" and a search icon. Below the search bar, there are navigation tabs: "Tools", "Assistance", "About", and "Search" (which is highlighted). Under the "Search" tab, the text "Corresponding myCADtools tools:" is displayed. Below this text, there is a row of icons representing different tools: ProjectManager, Task Planner, SmartDrawings (highlighted with a purple border), BatchConverter, SmartBom, Integration, myCADviewer, and FontConverter. Below the icons, there is a text box that reads: "SmartDrawings allows you to automatically generate all definition drawings from a list of part files, assemblies or even files referenced in an assembly." To the right of this text box, there is a red play button icon and the text "Video presentation SmartDrawings". Below the text box and video presentation, there are two buttons: "Online help" and "Execute". At the bottom of the interface, there are two sections: "Online help (30 pages found)" and "News (5 articles found)". The "Online help" section contains a list of links, with "SmartDrawings/SmartDrawings (5)" highlighted. The "News" section contains a list of links, with "Nouvel outil myCADtools : myCADviewer (2)" highlighted.




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