

## Quick start manual

Version: 02/2018

### Preamble

With the new SPAX Design Software v2.0.0, SPAX provides registered users with an online solution which differs from the previous version as follows:

1. The new SPAX Design Software has now a responsive design adapting the interface automatically to the screen size of any device, whether PC, laptop, tablet or smartphone.
2. **Filehosting**  
It is possible to store your project files on the SPAX server (similar to a Cloud), so that you can access your projects at any time from anywhere through any device provided there is a valid internet connection.  
In order to comply with data protection regulations, you will be expressively asked to accept File hosting while registering as a user within the Download centre (this is a prerequisite to the software use). It is possible at any time within the SPAX Design Software to turn on or off the File hosting functionality. It is expected that you may want to maintain it turned on to benefit from its advantages.
3. **Project management**  
You can organise individual project elements (designs) within project files and manage these project files (save, delete, copy, download). The search functionality allows for finding easily your project elements within project files, in case you end up with numerous files over time.  
Project management enables to file; organise and easily find back a large amount of designs in your personal filing and naming structure.  
You can also save customer contact data, update it when necessary and recall it at any time within new project, so you do not need to input this information again and again.
4. **Libraries**  
It is possible to save to your library details relative to Clients or Materials such as e.g. insulation material, enabling to recall them fast and easy, avoiding the need for repeated data input.
5. **Insulation products**  
The modules M01 Roof insulation fixing and M02 Wall insulation fixing now provide preinstalled insulation products for easier and faster selection. These products' data can be edited and saved to your own library.
6. **Languages**  
The new SPAX Design Software is available in the following languages: German, English, French, Spanish and Finnish. Further languages may be added with time.

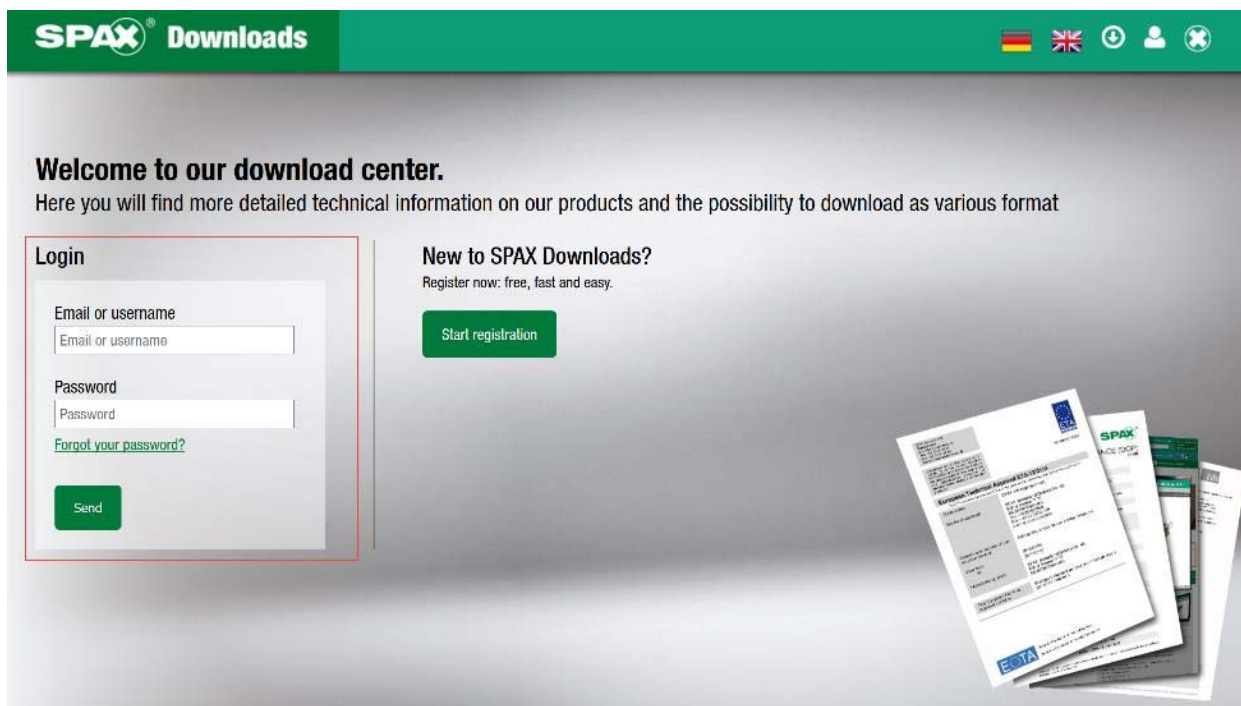
The new SPAX Design Software provides as of February 2018 the following modules: Notch reinforcement, Compression perp. reinforcement, Design of screwed connections (shear and withdrawal), Joist/Beam connection, Roof insulation fixing and Wall insulation fixing. It will be progressively expanded with new modules.



## Find and start using SPAX Design Software



Switch from the homepage [www.spax.com/en](http://www.spax.com/en) to the registration page or start directly the Download centre by typing <https://downloads.spax.com> in your Browser.



Register (first registration) or login with your Login details



**SPAX® Downloads**

Search: Enter search term

Topic: **All topics** 319

Subtopic: **All subtopics** 319

Document Language: **All Languages** 319

**319 documents found**

Date	Topic	Subtopic	Title	Language	Type
01.02.2018	Technical information	Design notes	<b>NEW!</b> Design guide E... Notes on the design of loc...		PDF (942.9 KB)
02.01.2018	Certification/ Approvals	European Technical Approval (ETA)	<b>NEW!</b> Conformity certificate MPA Stuttgart (12/2017) Certificate of factory production control no. ÜW-OGI-51200-001 Copy of the original document as PDF		PDF (1.36 MB)
02.01.2018	Certification/ Approvals	European Technical Approval (ETA)	<b>NEW!</b> Conformity certificate MPA Stuttgart (12/2017) Certificate of factory production control no. ÜW-OGI-51200-001 Copy of the original document as PDF		PDF (1.37 MB)

Once logged in, select the SPAX Design Software area in the Subtopic filter ...

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Subtopic: **SPAX Design Software** 15

Document Language: **All Languages** 15


**15 documents found**



Date	Topic	Subtopic	Title	Language	Type
14.12.2017	Software	SPAX Design Software	SPAX Design Software (10/2017) Browser version of online design of General Screw Design (shear + tension), shear reinforcement of timber members, compression reinforcement of beam supports, over rafter insulation, joist/ beam connection and wall insulation fixing option of server-sided store function (filehosting) and project management. You can choose the language as shown by the flag within the software.		URL
27.10.2017	Software	SPAX Design Software	Flyer SPAX Design Software (10/2017) Quick start flyer for SPAX Design Software.		PDF (3.2 MB)
23.10.2017	Software	SPAX Design Software	SPAX Design Software (10/2017) Browser version of online design of General Screw Design (shear + tension), shear reinforcement of timber members, compression reinforcement of beam supports, over rafter insulation, joist/ beam connection and wall insulation fixing option of server-sided store function (filehosting) and project management. You can choose the language as shown by the flag within the software.		URL
23.10.2017	Software	SPAX Design Software	SPAX Design Software (10/2017) Browser version of online design of General Screw Design (shear + tension), shear reinforcement of timber members, compression reinforcement of beam supports, over rafter insulation, joist/ beam connection and wall insulation fixing option of server-sided store function (filehosting) and project management. You can choose the language as shown by the flag within the software.		URL

... and open the new SPAX Design Software by clicking on the corresponding item in the list. The program opens in a new window or tab in your browser as follows:

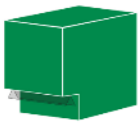


## Navigate within the SPAX Design Software

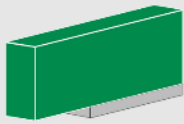

**SPAX**® Design Software

User 2 SPAX
 


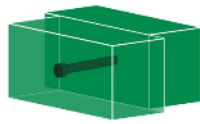
New...



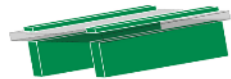
M08 - Notch reinforcement



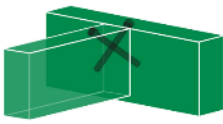
M12 - Compression perp. reinforcement



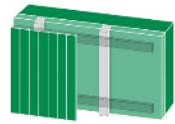
M03 - Design of screwed connection



M01 - Roof insulation fixing



M06 - Joist / Beam connection


























M02 - Wall insulation fixing

New project

Import existing project

My projects



Module ...	#it...	Name	Customer	Notes	Last modification	
(All) ▾	Q	Q			Q	
M08	1	<a href="#">Project 38</a>			06/12/2017 - 11:09:49	  
M03	1	<a href="#">Project 37</a>			05/12/2017 - 23:30:17	  
M08	1	<a href="#">Project 36</a>			05/12/2017 - 20:49:24	  
M08	1	<a href="#">Project 35</a>			05/12/2017 - 19:45:50	  
M03	1	<a href="#">Project 34</a>			05/12/2017 - 17:14:41	  
M08	1	<a href="#">Project 33</a>			05/12/2017 - 17:07:22	  
Project	3	<a href="#">Project 32</a>			29/11/2017 - 11:47:01	  

### Start page

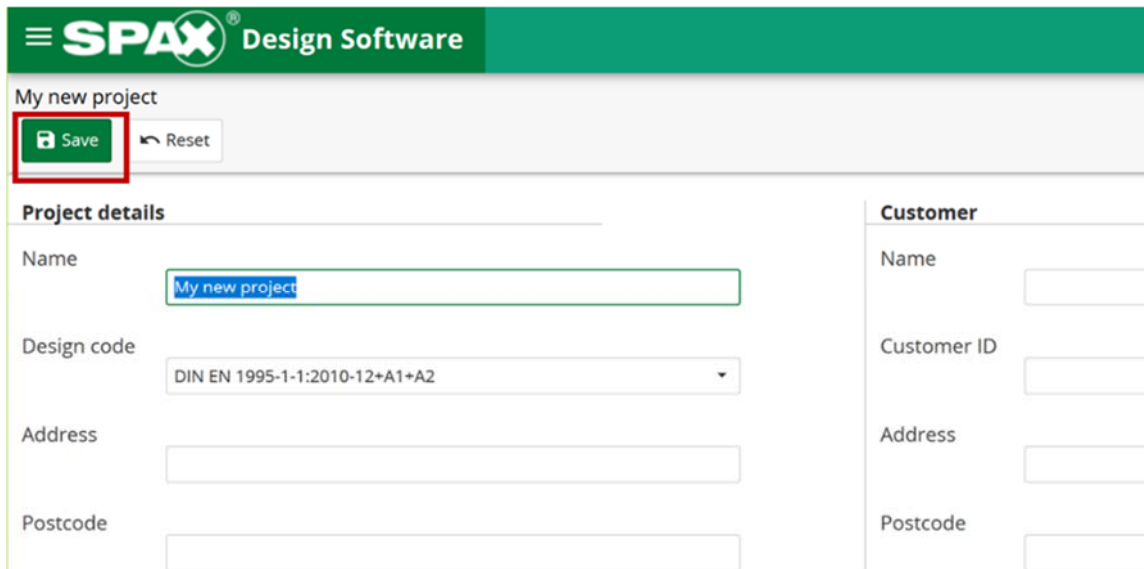
At top left of the start page you will find the SPAX logo (also called Home button). This logo is always visible while using the program, and clicking on it at any time will get you back to the start page, e.g. when you somehow lost track of where exactly you navigated.



## My projects



Through the addition of “My new project” below the SPAX logo (Home button) you can recognise the file name. This is the Navigation bar for reference. While navigating within a project element, the Navigation bar will be further completed.



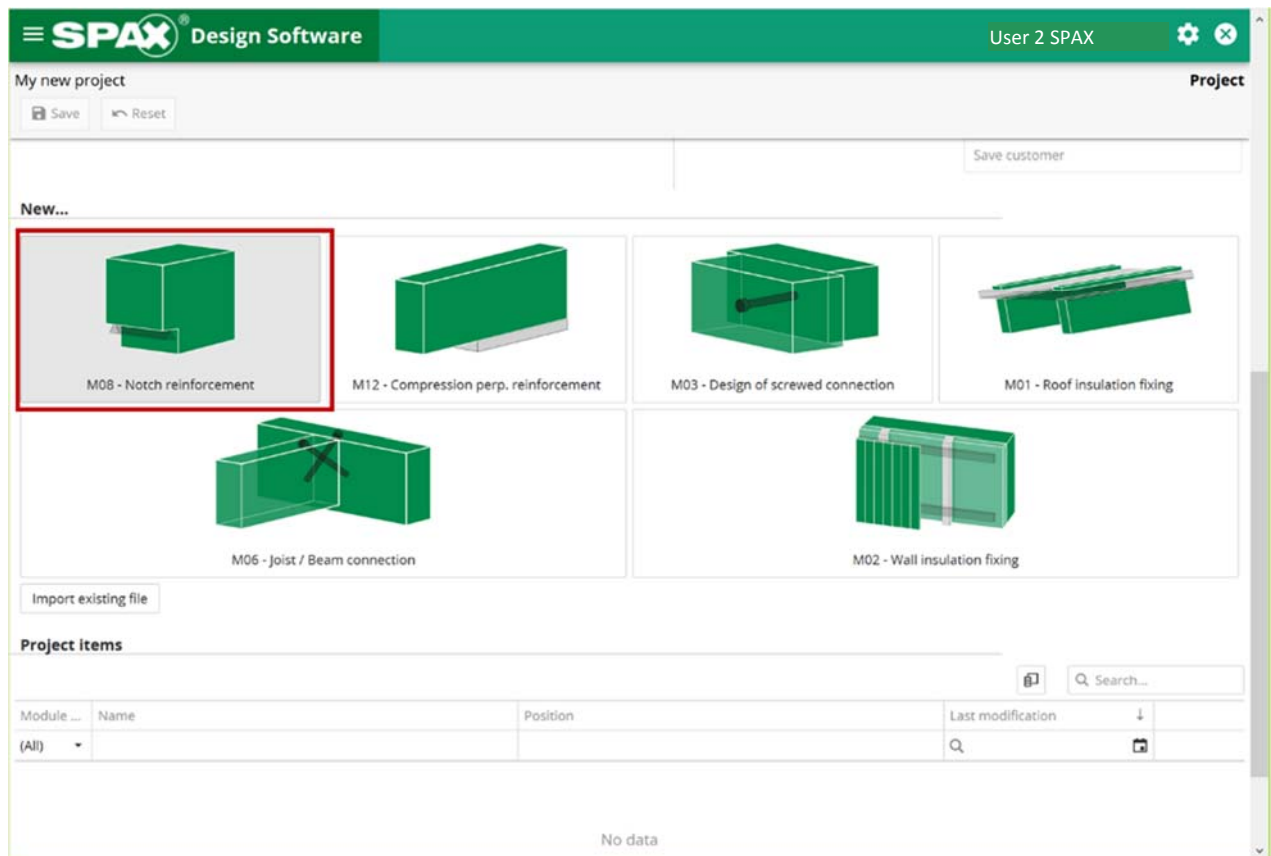
The screenshot shows the SPAX Design Software interface. At the top is a green header with the SPAX logo and 'Design Software'. Below the header is a light gray bar with the text 'My new project'. Under this bar are two buttons: a green 'Save' button with a disk icon and a gray 'Reset' button with a circular arrow icon. The 'Save' button is highlighted with a red rectangle. Below the buttons are two columns of form fields. The left column is titled 'Project details' and contains fields for 'Name' (with 'My new project' entered), 'Design code' (with a dropdown menu showing 'DIN EN 1995-1-1:2010-12+A1+A2'), 'Address', and 'Postcode'. The right column is titled 'Customer' and contains fields for 'Name', 'Customer ID', 'Address', and 'Postcode'.

Modify the project name, so that this change is reflected in the Navigation bar.

Edition or input of any input field will trigger the “Save” button to turn green.

Do not forget to save!

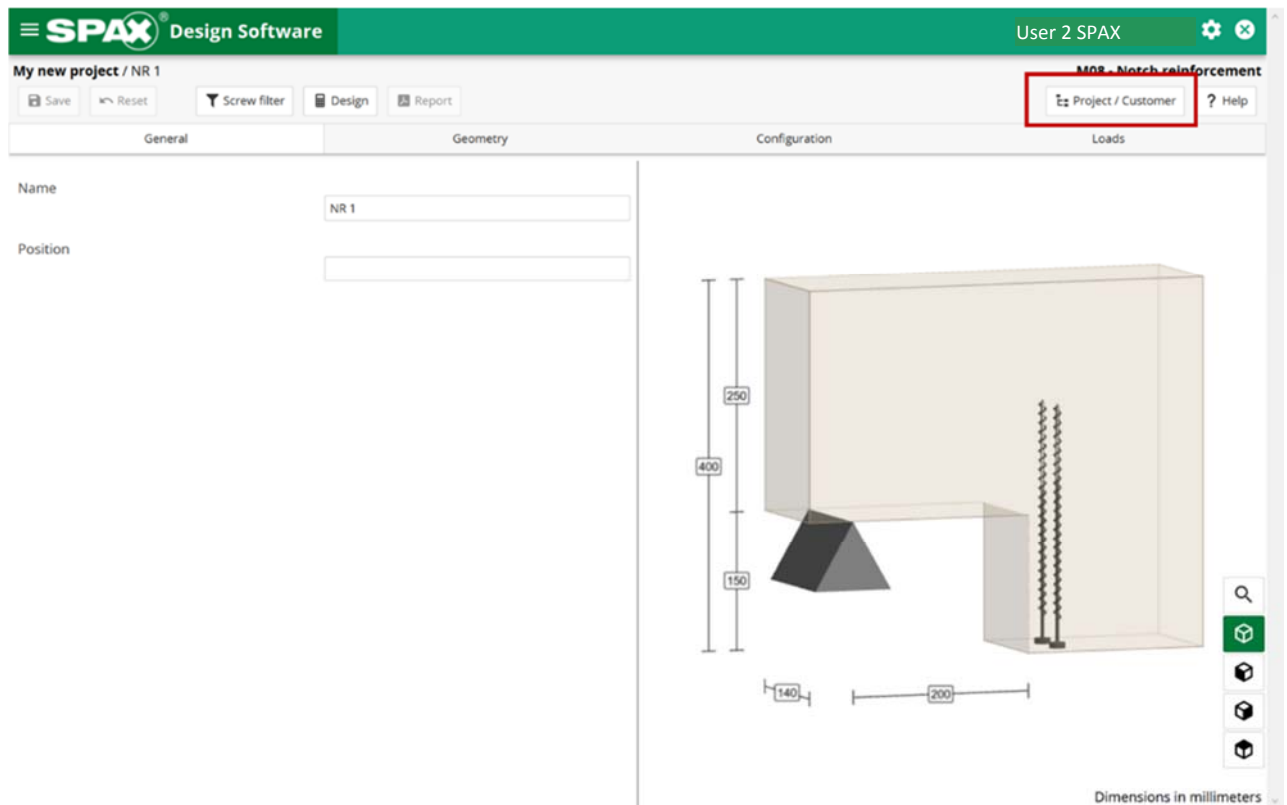




## Add new project element

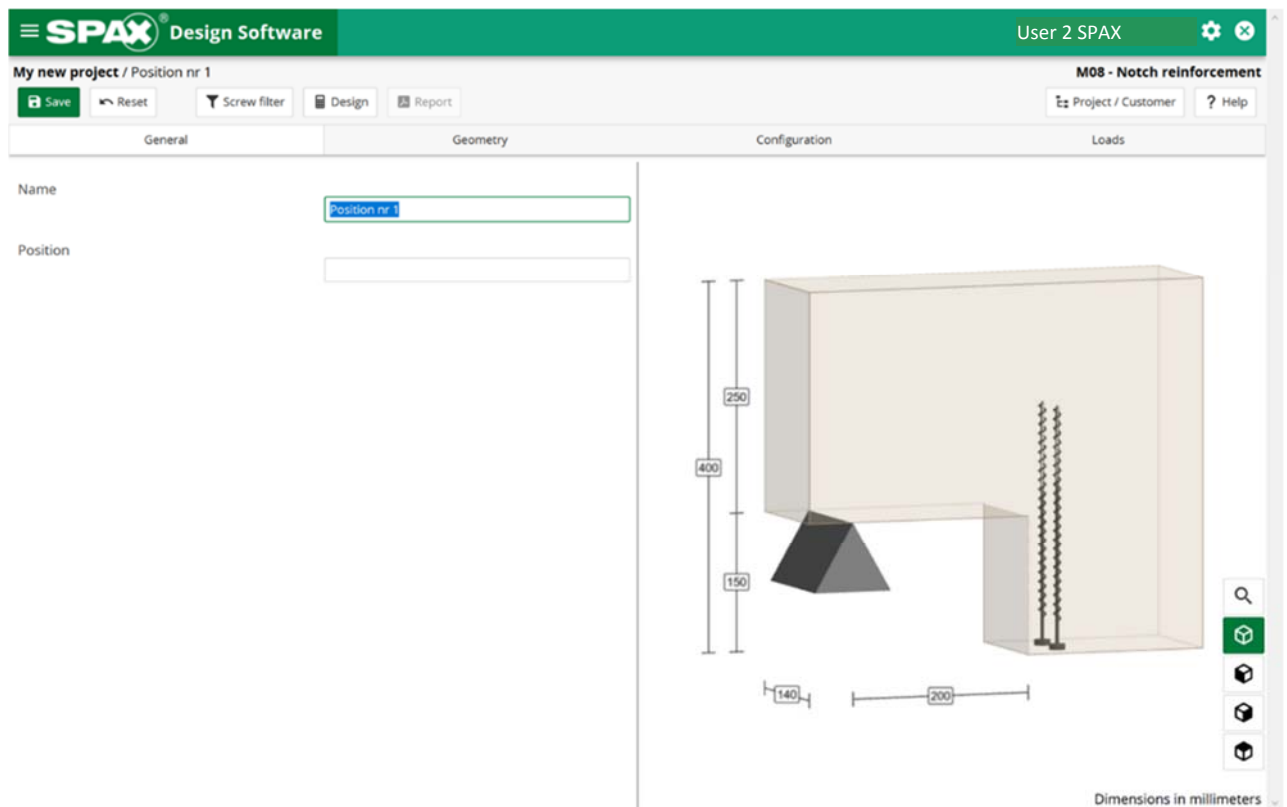
By scrolling a little further down you can now add new project elements (designs) to this project by clicking within New... on the corresponding large Picture button (here Notch reinforcement).





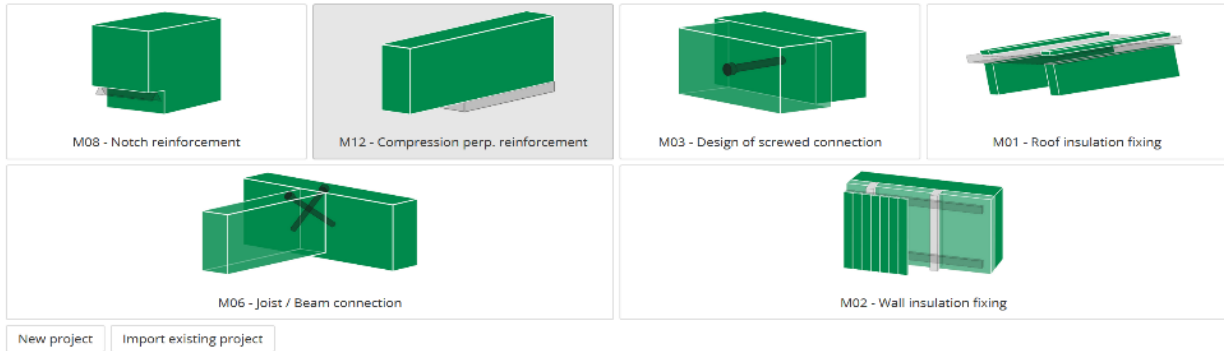
The new project element opens up with the default element name of the corresponding design module. Here also, the element name can be modified and will be reflected in the Navigation bar.

At top right you will find the “Project/Client” button, enabling to edit or input this information at any time whenever necessary.





New...



My projects

Module ...	#It...	Name	Customer	Notes	Last modification	
(All)	Q	Q			Q	
M08	1	Project 38			06/12/2017 - 11:09:49	Download Copy Delete
M03	1	Project 37			05/12/2017 - 23:30:17	Download Copy Delete
M08	1	Project 36			05/12/2017 - 20:49:24	Download Copy Delete
M08	1	Project 35			05/12/2017 - 19:45:50	Download Copy Delete
M03	1	Project 34			05/12/2017 - 17:14:41	Download Copy Delete
M08	1	Project 33			05/12/2017 - 17:07:22	Download Copy Delete
Project	3	Project 32			29/11/2017 - 11:47:01	Download Copy Delete

If you have saved multiple projects, you can see them all listed in the My projects overview table within the start page. The column at left shows “# Items” indicating the number of project elements of the selected project.

Notes	Last modification	
	Q	
	06/12/2017 - 11:09:49	Download Copy Delete
	05/12/2017 - 23:30:17	Download Copy Delete
	05/12/2017 - 20:49:24	Download Copy Delete
	05/12/2017 - 19:45:50	Download Copy Delete
	05/12/2017 - 17:14:41	Download Copy Delete
	05/12/2017 - 17:07:22	Download Copy Delete
	29/11/2017 - 11:47:01	Download Copy Delete

With the buttons at right of each project line you can download, copy or delete each project file individually.



## User Preferences

SPAX Design Software

User 2 SPAX

User preferences

Save Reset

### Interface settings

Store projects on SPAX server

☒ Yes  
☐ No

Language

English

### User information

Firstname

Frank

Surname

Kupferle

Company name

Phone

Email

### Design preferences

Design code

DIN EN 1995-1-1:2010-12+A1+A2

### Report preferences

Print project and customer details

Click on the gearwheel button at top right to access your personal User preferences.

The various options are self-explanatory.

Click on the SPAX logo (Home button) to go back to the start page.

One important thing at this stage:

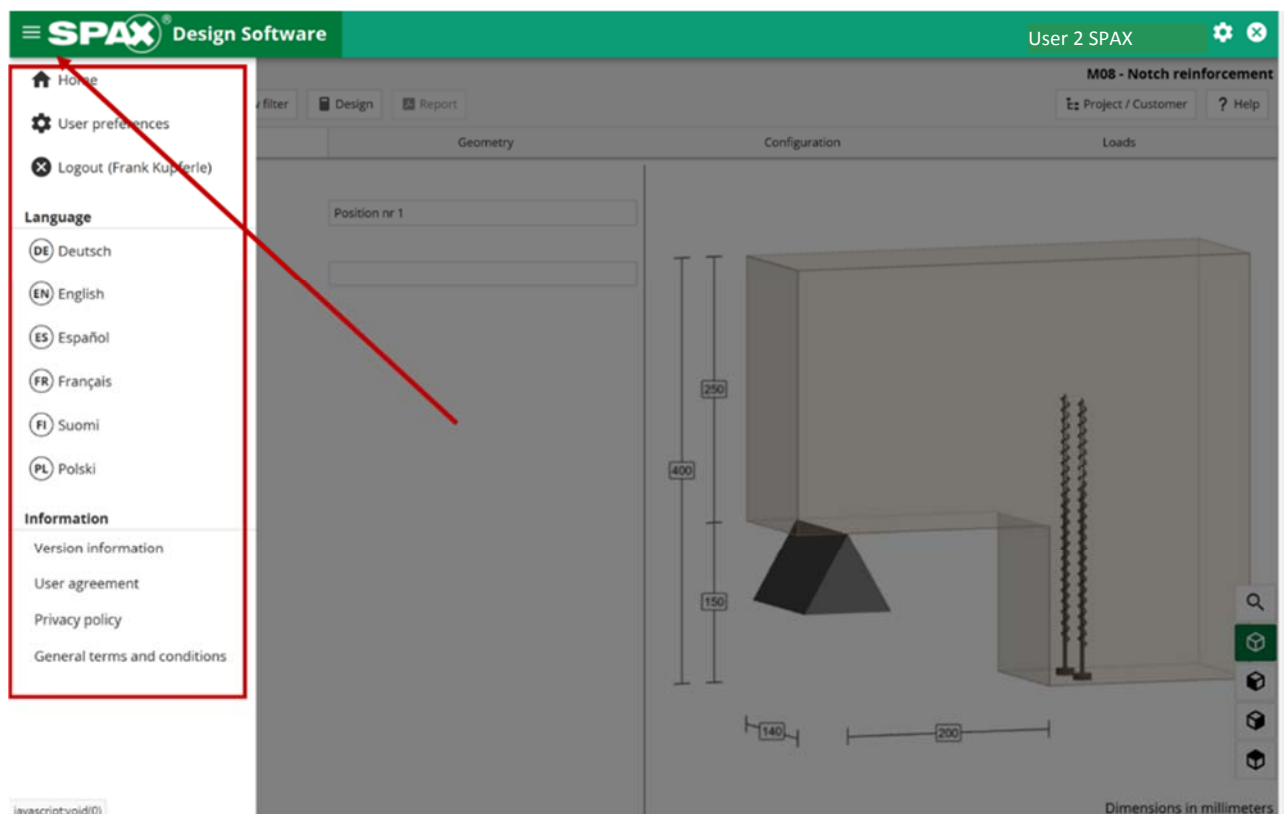
### WARNING!

If you select No for the File hosting (Store projects on SPAX server) and Save, a warning will pop-up. This is to make sure that your data which may have been stored meanwhile on the SPAX server does not get definitively deleted by mistake before you had the opportunity to download on your device the files which you may wish to retain. For safety, a double confirmation will be required.

So if you wish to deactivate the File hosting function – hence will definitively delete all of your data from the SPAX server – you should first switch to the start page and download on your device the project files you wish to retain. Once done, you can come back to User Preferences and deactivate File hosting.

Please beware: All data which you have deleted through this process is definitively lost for ever. SPAX has no possibility to restore any deleted data! You are the owner and manager of your personal data, which we only store for your convenience. If you instruct the system to delete the data, it will do so and the data will be gone.





## Main menu

One click on the symbol at top left beside the SPAX logo provides access to the Main menu. You can access here amongst others the User preferences or language of the interface.

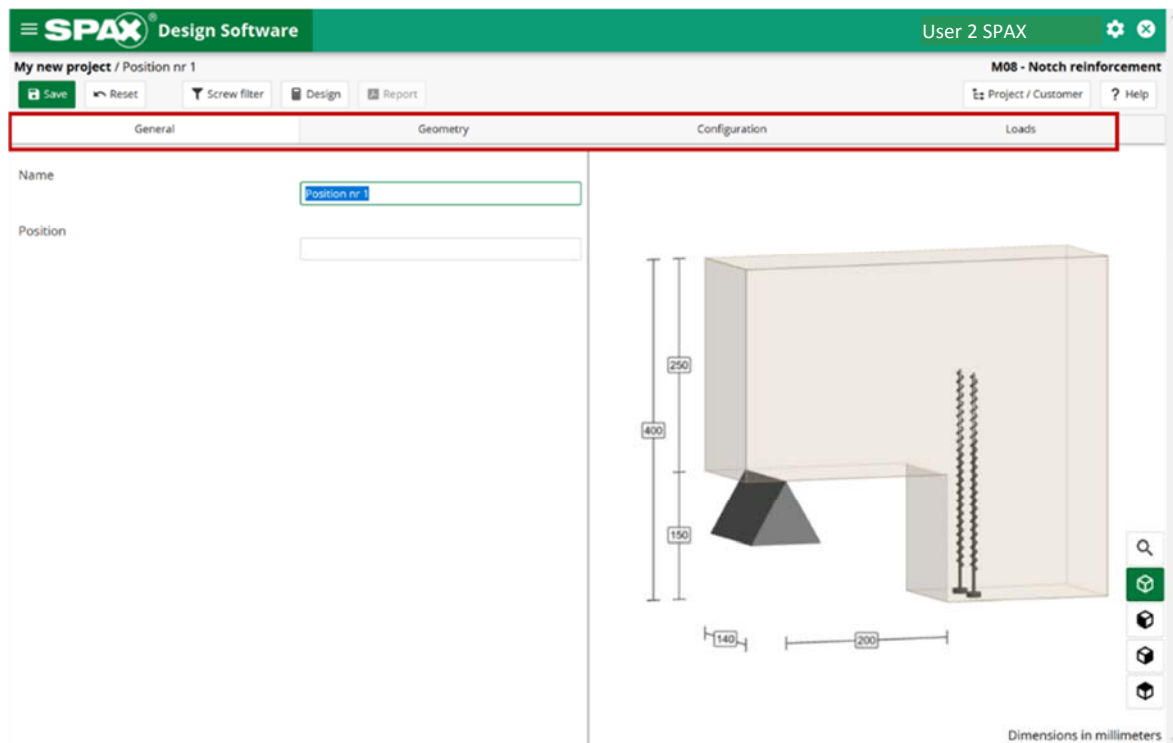
## Smaller screen sizes

Thanks to the responsive design of the SPAX Design Software, the organisation and positioning of interface elements will be automatically rearranged to adapt to smaller screen sizes. Some buttons will be moved to the Main menu, while others will be moved to a newly appearing contextual menu. The drawing may be moved further down. Reducing the browser window size on your PC or laptop will result in the same rearrangement as on a tablet or smartphone. This means you may visualise on your PC or laptop how the program will look like on another device.

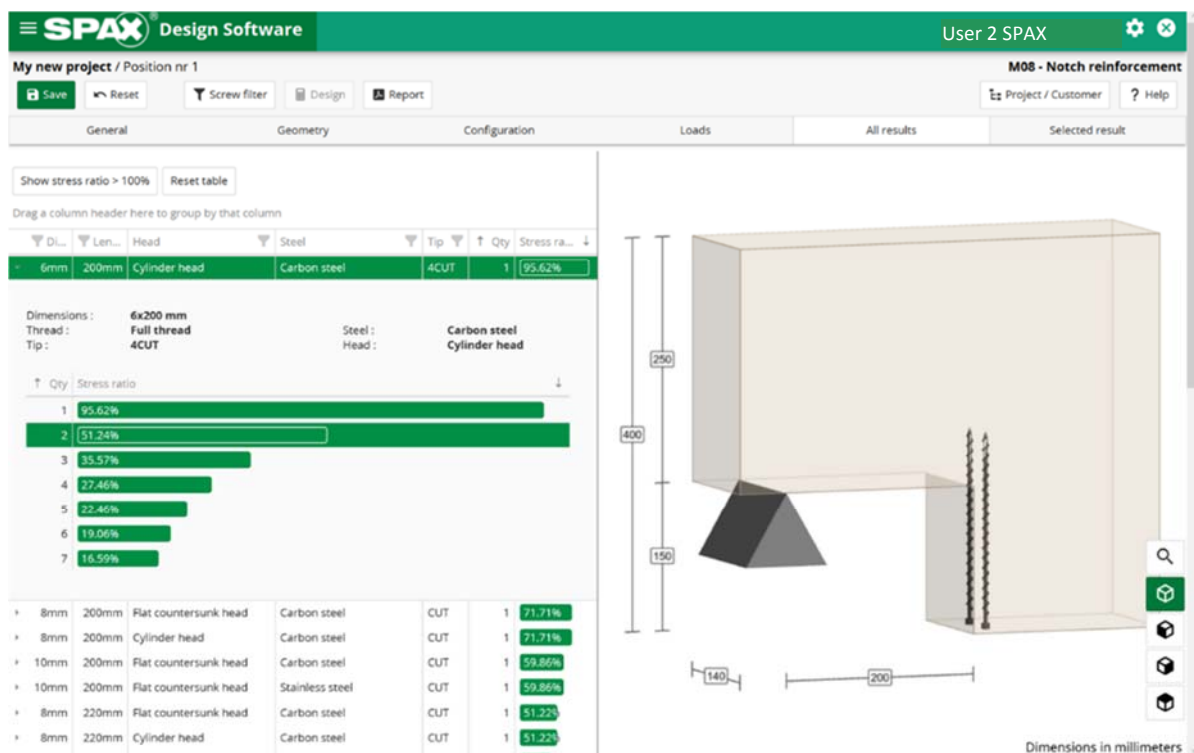
The screenshots, pictures and arrangement of the buttons in the present manual are typical of the interface arrangement on a computer (PC or laptop).



## Design Modules – Functionalities and use



Use the tabs Geometry, Configuration, ... to navigate through the data input areas and click Design once ready.



The program works now on the SPAX server and returns back within seconds the results of all possible solutions in table format. This table can be sorted and filtered, and columns can be displayed or hidden to suit your needs.

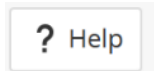


## Overview of the main functionalities:



### Main menu

Access User Preferences, languages, etc... Always visible at top left on any screen size.



### Help

Enables sending SPAX a help query. Your project file will be attached automatically, enabling SPAX support team to visualise your project exactly. Please formulate your query in the text field and provide a phone number and email address, so our support team can contact you accordingly.

### Screw filter

Preselection of some parameter, reducing the amount of SPAX products sent to the server for design and therefore the amount of results returned (easier to read) and requiring less design capacity (results returned faster).

Define here whether SPAX Screws (default) or SPAX Threaded Rods shall be considered for design.

### Report

A PDF file is generated.

### Table All results

Results are sorted automatically by the SPAX Design Software, which also preselects one of these results. You can modify this presentation with the following features:

- Click on the columns title (text): ascending or descending sorting is available for each column of the table.
- Click on the Filter symbol: allows selection of single elements
- Click on the arrow of a given row in far left column unfolds detailed information on the selected result. It also allows selecting another number of screws, the drawing updates accordingly.

### Drawing

- Left mouse click: maintain clicked and move mouse to turn around the view in 3D
- Right mouse click: as above but moves view on plan
- Scrolling wheel: zoom in or out

Enjoy!

