

willkommen!
welcome!

wieplan4

Version 4.1 | Installation

System Requirements:
Pentium 3 >500 MHz, 256 MB RAM
1024 x 768 Pixel

Bitte wählen Sie die gewünschte Installationsprache aus.
Please choose the desired installation language.



English ▼

OK

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revised March 14, 2016, Oakville, ON

Wieland wieplan 4.1 Manual for Windows.

Manual, Concept & Programming:

Kupferwerk GmbH human interface engineering - www.kupferwerk.com

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Introduction

Welcome to wieplan, your new software for the configuration of Wieland terminal rails. wieplan enables you to plan a complete terminal rail in a very simple way and to then place an order with Wieland. The configured terminal rail can be stored in DXF format and read into a CAD tool for further processing. Due to the intuitive user interface, the configuration of terminal rails with wieplan is easy.



Introduction

Registration

Please take the time to fill in the enclosed registration form and send it to Wieland. We will then inform you about updates and new functions of wieplan and other Wieland software.

Installing wieplan

1. Insert the wieplan CD into the CD ROM drive.
2. Start program „install_wieplan.exe“
3. Select your favourite installation language (note: you can change at any time the wieplan language version within wieplan !)
4. If you activate the auto-start function, a short intro starts where you can choose your favourite language for wieplan.
3. If you deactivated the auto-start function, please open the folder “data” on the CD ROM and double click the file “wieplan_install”.
4. Follow the installation instructions on the screen.



wieplan installation dialogue

Uninstalling wieplan

Once wieplan has been installed, the folder “wieplan 1.7” is located in the “Programmes” folder in the Windows “Start” menu. This folder contains both the program and the uninstall software.

If you wish to uninstall wieplan, locate the wieplan folder and start the “wieplan deinstall”-program. Please follow the notes on the screen during the removal of the software.

Help system

During the installation of wieplan, the manual is also copied to your computer in PDF format. You can view PDF files using the Adobe Reader™ Software, which you can download free of charge from the Adobe-Website under the internet address <http://www.adobe.de/products/acrobat/readstep2.html>. In addition to the printed manual, the electronic manual gives you a brief overview of all the wieplan functions. The electronic manual can be retrieved in the programme via the menu item "Help – Manual" or directly from the wieplan programme folder.

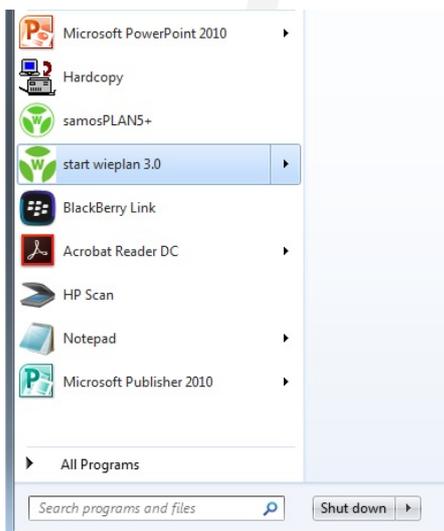
Further information about the software can be found under the internet address <http://www.wieland-electric.com>

Program start-up

Start wieplan by double clicking on the program icon on your desktop or via the "Start" menu.



wieplan



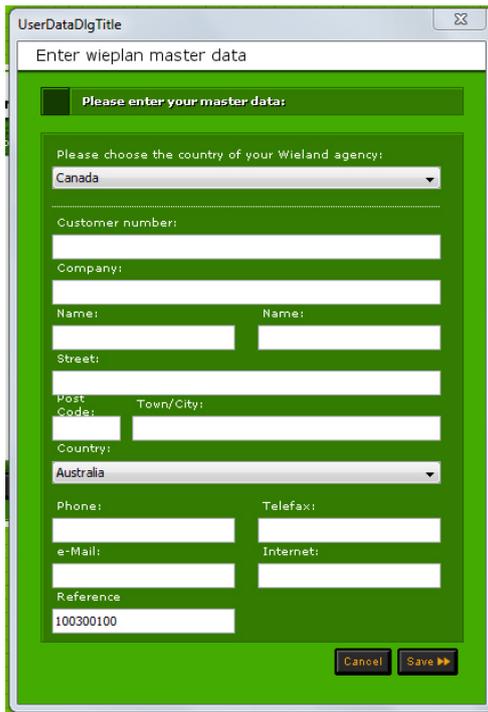
Start wieplan by double clicking on the program icon on your desktop or via the "Start" menu.



Configuration

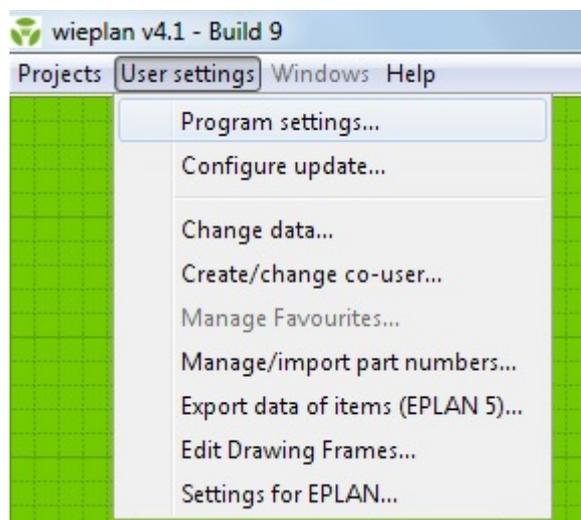
wieplan configuration

The first time the programme is started, you are requested to enter your master data. This data is required for order processing. Click on the button "Save data" to store your master data permanently. You can modify the data at any time via the menu item "User settings – Change data".



"Base data" dialogue

To use the Online-Update-Service you can register yourself at wieplan directly via the master data dialogue. You will receive then an activating code from Wieland, which you enter in the field "Activating code for online-update". From now on you can load the newest wieplan versions from the Wieland-Update-Server.



"User settings" menu

The wieplan screen

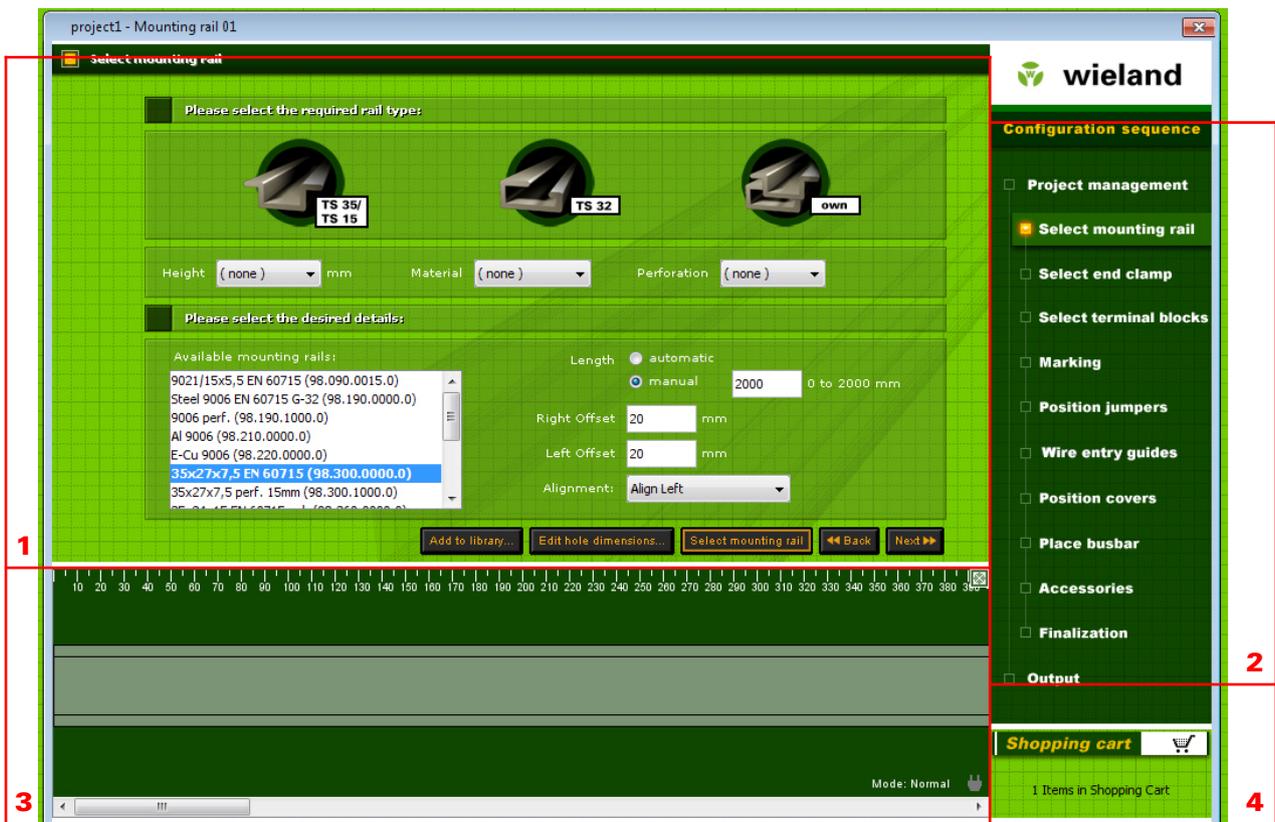
wieplan - your new tool!

wieplan was developed to provide a powerful tool for the configuration of Wieland terminal rails which is both intuitive and simple to operate. wieplan guides you through the complete configuration process step by step. You are then able to order your configured terminal rails from Wieland in a premounted state. You thus save valuable time and money.

The wieplan screen – your new workstation

The wieplan screen is divided into four different areas:

1. Configuration window
2. Configuration sequence
3. Display of mounting rail
4. Shopping cart



The various sections of wieplan

The wieplan screen

1. The configuration window

You design your terminal rail in the configuration window with the items required. For example, you select the mounting rail, place the terminal blocks on the mounting rail, mark them and order the terminal rail.

2. The configuration sequence

Using the configuration sequence, you can navigate through the individual steps. The configuration sequence keeps you informed about the progress of your design. Alternatively you can also use the button „continue“ and „reverse“.

3. Display of the mounting rail

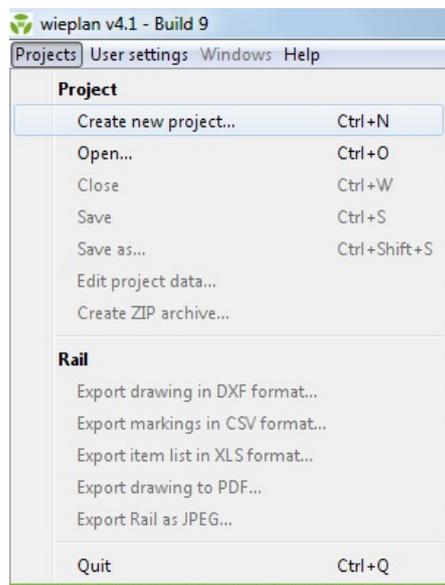
WYSIWYG – What you see is what you get. You can immediately see the progress of your configuration in the display.

4. Shopping cart

The shopping cart shows you the number of selected items during the complete configuration. By clicking on the shopping cart, a dialogue is displayed containing a detailed list of all the items in the cart.

Create a new project

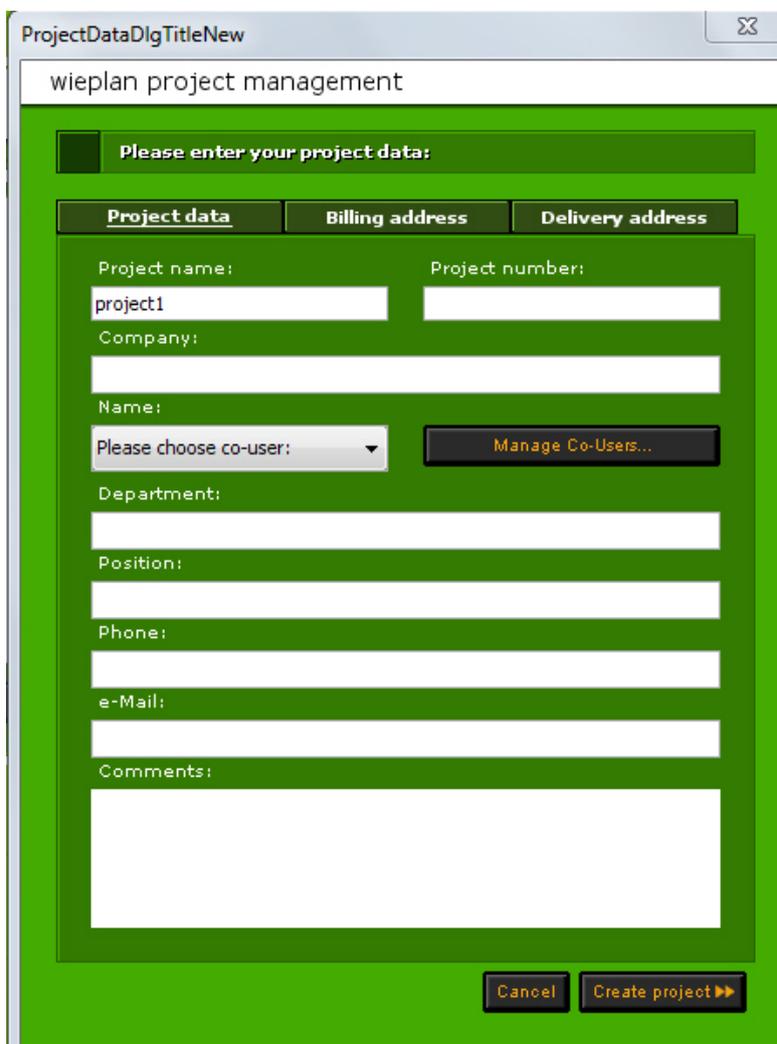
A new project is created via the menu command “Projects – Create new project” or via the “Start” dialogue when the application is started up.



Projects“ menu

Create a new project

You are first requested to enter the project data. Please fill in the fields and press the button "Create project".



The screenshot shows a dialog box titled "ProjectDataDlgTitleNew" with a close button in the top right corner. The main title bar contains the text "wieplan project management". Below the title bar is a green header bar with the text "Please enter your project data:". Underneath this header are three tabs: "Project data", "Billing address", and "Delivery address". The "Project data" tab is active. The form contains the following fields and controls:

- Project name:
- Project number:
- Company:
- Name:
- Please choose co-user: (dropdown menu)
- Manage Co-Users... (button)
- Department:
- Position:
- Phone:
- e-Mail:
- Comments:

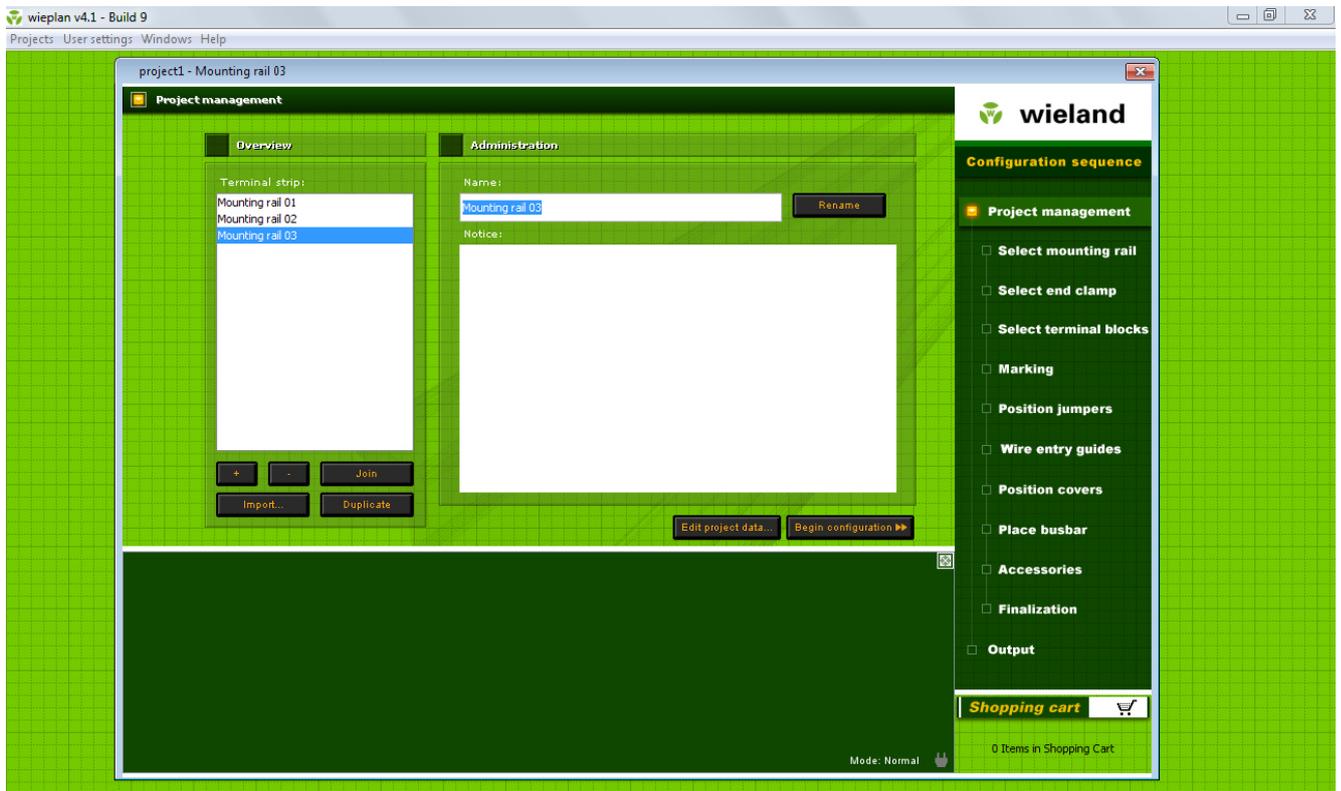
At the bottom right of the dialog are two buttons: "Cancel" and "Create project" with a right-pointing arrow.

Record project data

Project management

Project management

Once you have installed the project, the wieplan main window is opened. The first configuration step is "Project management". This window enables you to store and manage different configurations of mounting rails in one project. More informations about the project management you will find on page 29. In this screen you can also display the drawing data for a terminal strip as well as treat the global project data. Via the button "Import" you can import individual terminal strips into the current project.



wieplan project management

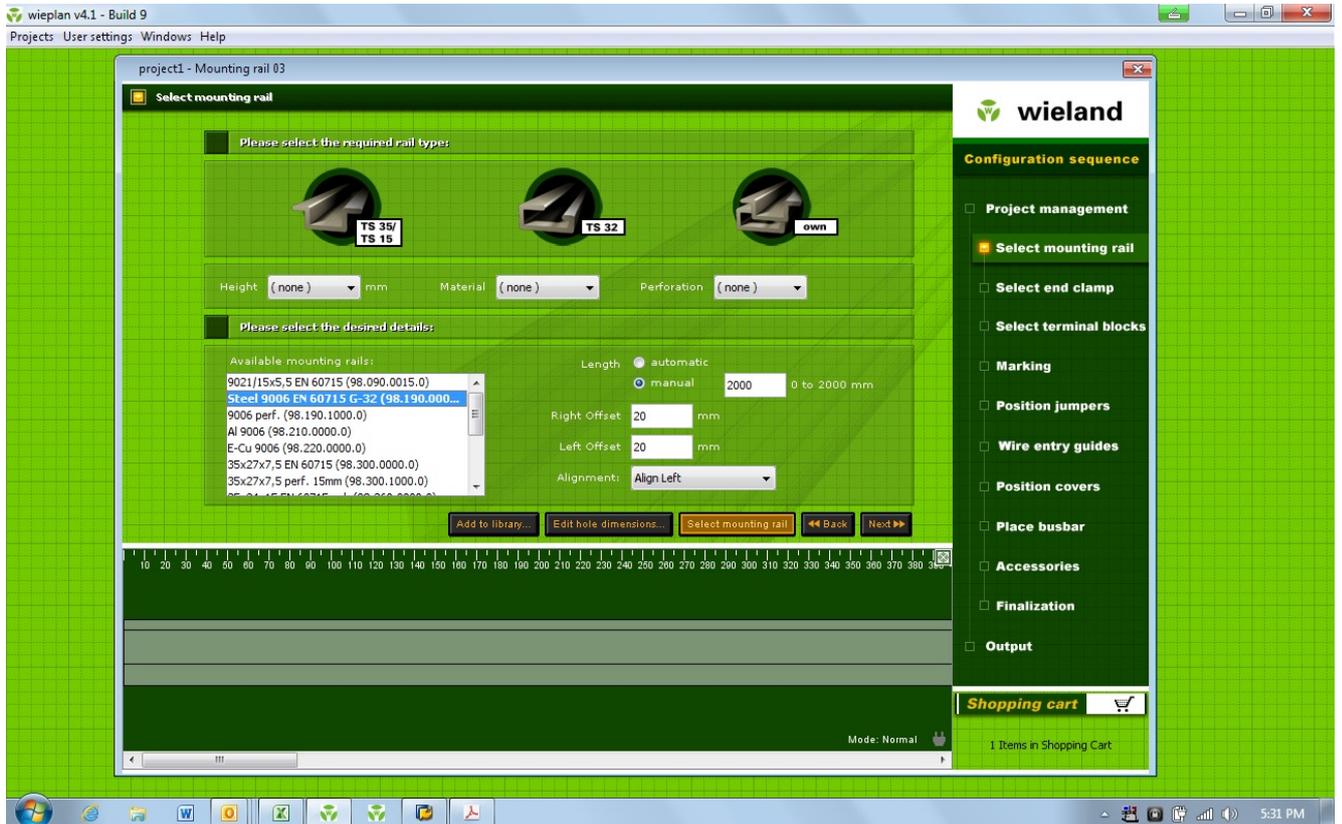
Select mounting rail

Choose the terminal strip to be treated in the project management and change via the course of the configuration to the screen "Select mounting rail". Here you determine the type and characteristics of the mounting rail. You can specify the following characteristics:

- Type
- Height
- Material
- Slotting yes/no
- Length
- End of rail to first end clamp
- Space between blocks and end of rail
- Alignment of the items on the mounting rail

Select mounting rail

The list of possible mounting rails reduces depending on the specified characteristics. Select the required mounting rail, put in the length for your mounting rail and click on the button "Select mounting rail" to transfer the mounting rail into the display window.



Select mounting rail

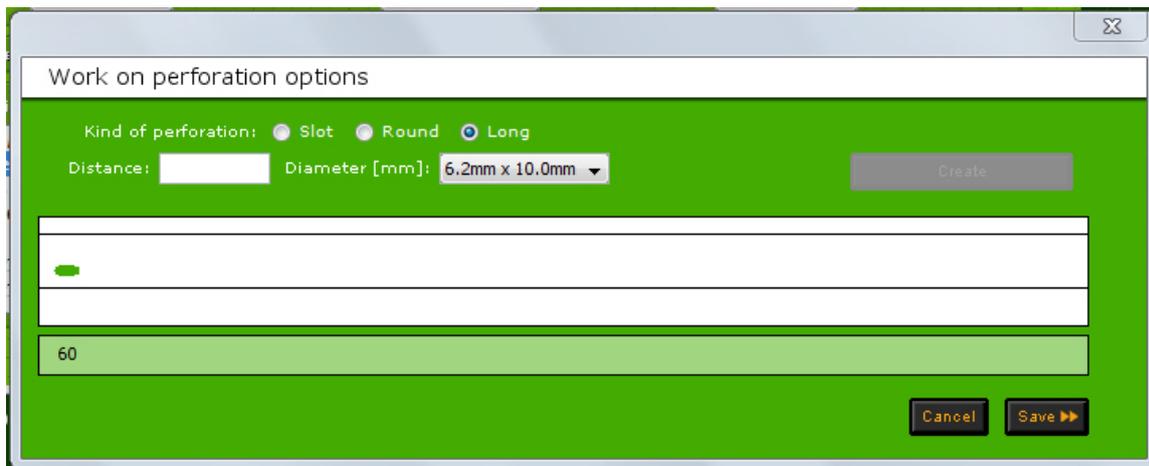
"Work perforation" option

In case a mounting rail has no perforation, you can define your own perforation via the button „Work perforation“ at the bottom of the configuration window.

Click the button "Work perforation". You can automatically add round holes, long holes, the slotting or threaded bolts. Enter the required slot interval from the zero point of the rail (measured from the left) into the "Distance" field, specify the type of the hole respectively its measures.

Click on the button "Create hole" to display the hole on the rail. Delete the selected hole via the „Delete“ button. Return to the display of the mounting rail with the "Close" button. Your defined holes are automatically adopted.

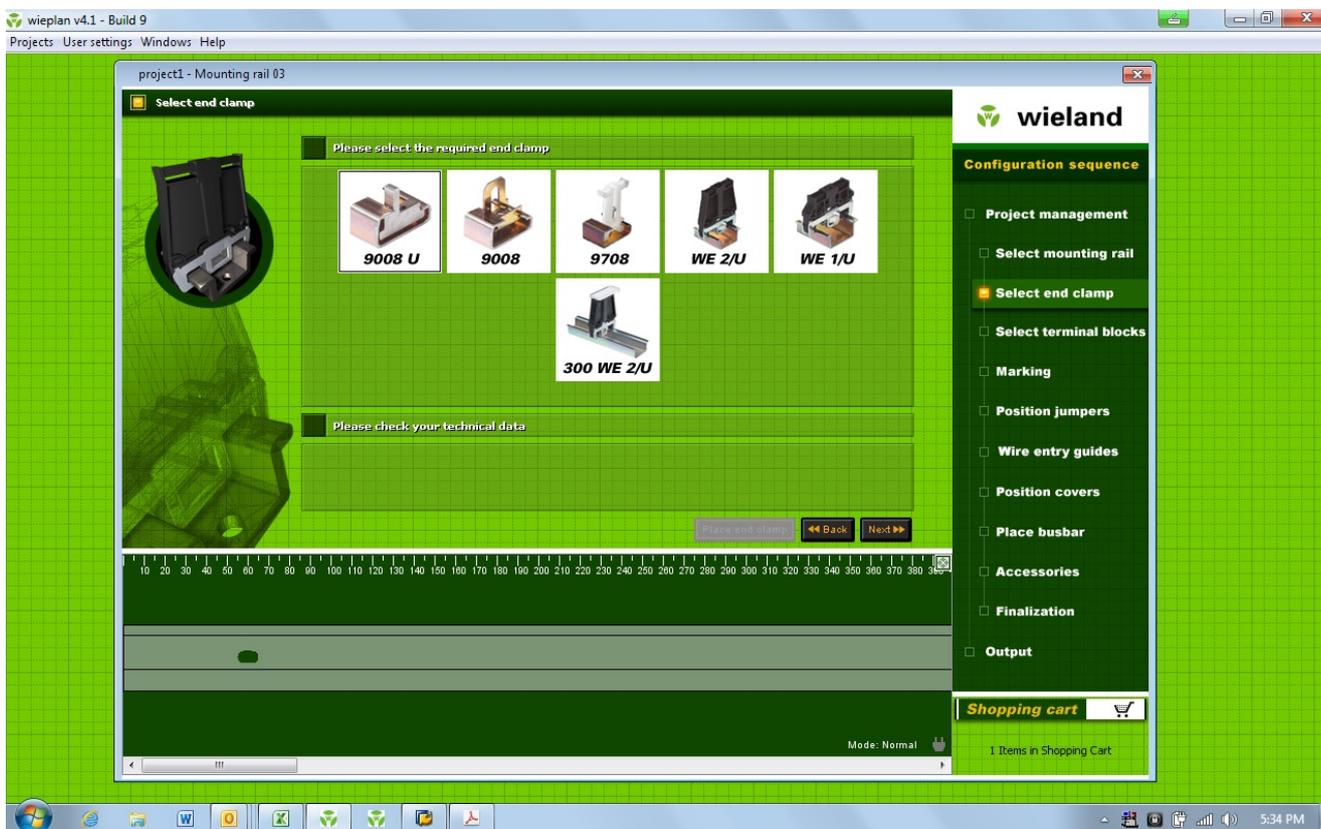
Select end clamp



work perforation

Select end clamp

You select the Configuration step "Select end clamp" screen. Only the appropriate end clamps for the selected mounting rail appear. Click on the required end clamp to display its technical data. The end clamp is transferred to the mounting rail via the button "Place end clamp". Pressing the "Continue" button takes you to the configuration step "Select terminals".



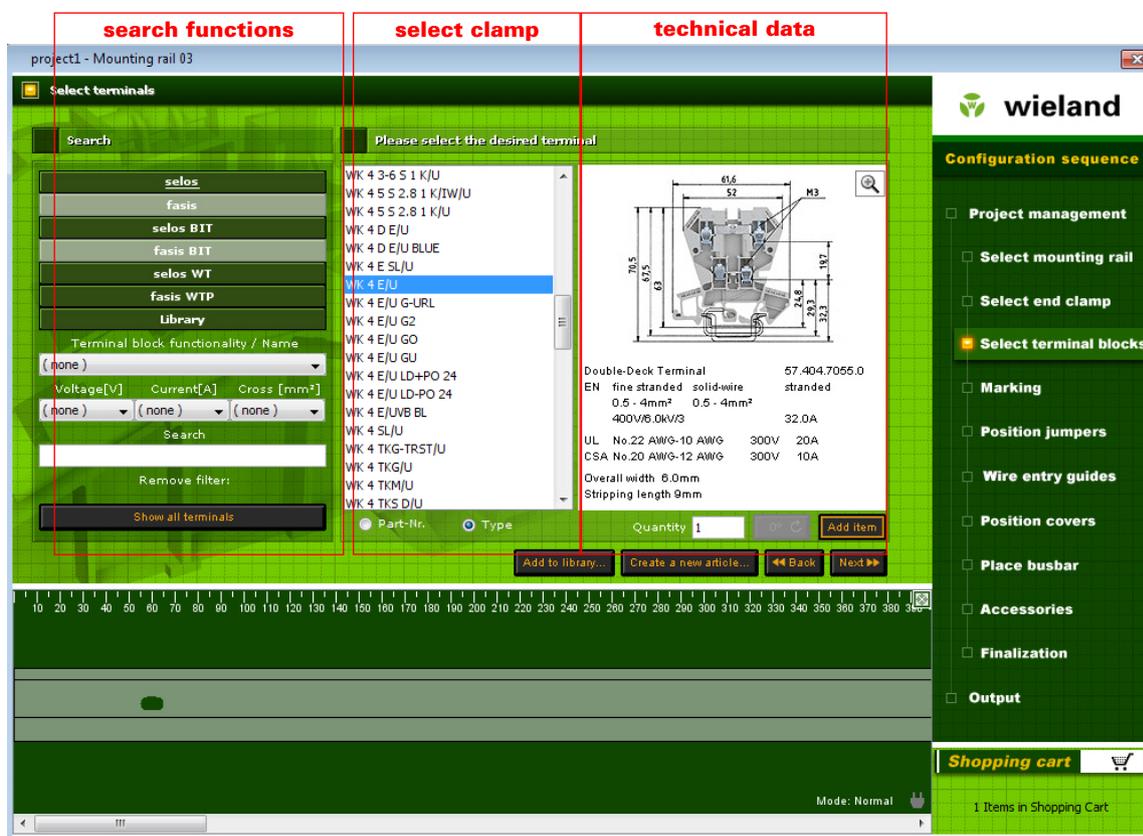
Select end clamp

Select terminals

Select terminals

Before you reach the dialogue for selecting the terminal blocks, wieplan displays a "Start" screen the first time the function is retrieved, where you can specify a terminal family.

Once you have made your selection, the "Select terminals" screen is opened. The window is divided into three areas. A list with all the possible terminals for your mounting rail appears in the centre of the screen. You can limit the list using the various search and filter options on the left-hand side so that you can directly retrieve your required terminals.



Select terminals

Select terminals

-Select terminals – Search functions

wieplan offers you numerous possibilities for refining your search for the appropriate terminal.

a) Searching according to the terminal family

Clicking on the "taris" button for example only displays a list of taris terminals.

b) Terminal functionality /Designation

You can limit your list according to the terminal functionality. If you select the term "Feed-through terminal", all the feed-through terminals are displayed.

c) Voltage/Current/Cross section

You can further refine your selection via the fields "Voltage", "Current" and "Cross section".

d) Type and purchase order number

If you can remember the type or order number, you can search for those terms via the fields "Type" and "Purchase order number".

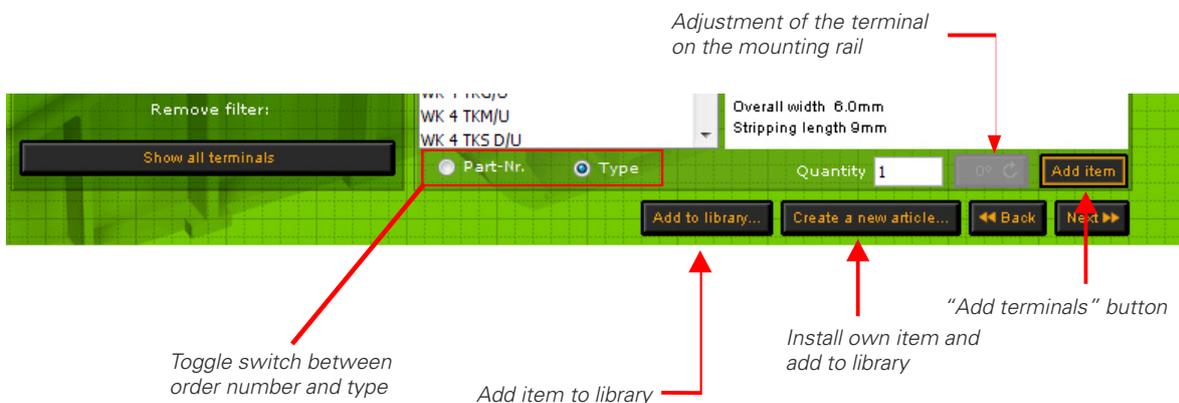
e) Library

In the library, you can store frequently required items from the Wieland range as well as define your own items. Information about the library function can be found from page 29 onwards.

Once you have restricted the list of available terminals, click on the required type designation to display a representation of the terminal together with the technical data. If required, you can display the tem number instead of the type. To do so, select the option "tem number" (see diagram). The restrictions are removed by selecting the button "Show all" and all the suitable terminals for the selected mounting rail are displayed.

-Adding terminals to the mounting rail

If you have selected an appropriate terminal, you can add it to the mounting rail by clicking on the button "Add item". If you wish to add several terminals at the same time, enter the required number of terminals in the "Quantity" field and click on "Add terminals".



Select terminals

-Remove terminals

If you have added an incorrect terminal to the mounting rail, select the incorrect terminal with the left mouse button and delete it again with the "Delete" key (on your keyboard) or via the context menu which is retrieved with the right mouse button.

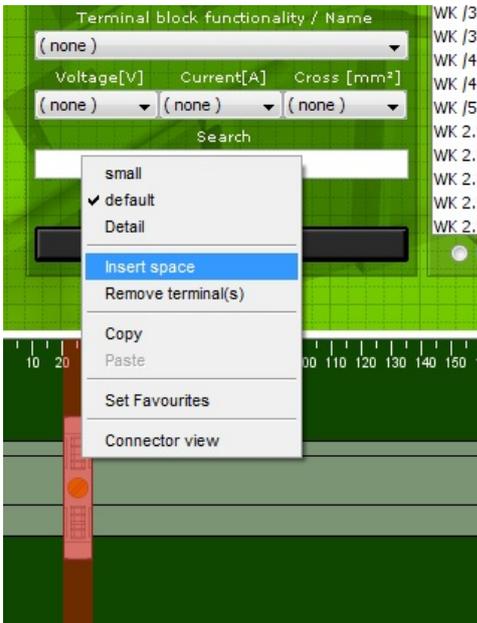
If you wish to delete several terminals at the same time, click on the first terminal and select the last terminal to be removed, while holding down the "Shift" key. The selected terminal can be removed via the "Delete" button or the context menu.

-Later insertion of terminals

If you wish to insert terminals into an existing configuration at a later date, click on the required terminal and insert the required number via the button "Add terminals". The terminals are inserted to the right of the selected terminal.

-Insert space

Spaces are inserted via the context menu. Click with the right mouse button in the display of the mounting rail to open the wieplan context menu. Here you can insert a space after the selected terminal via this context menu. Please enter the required width of the space in millimetres and press the "Create space button".



Context menu "Insert space"



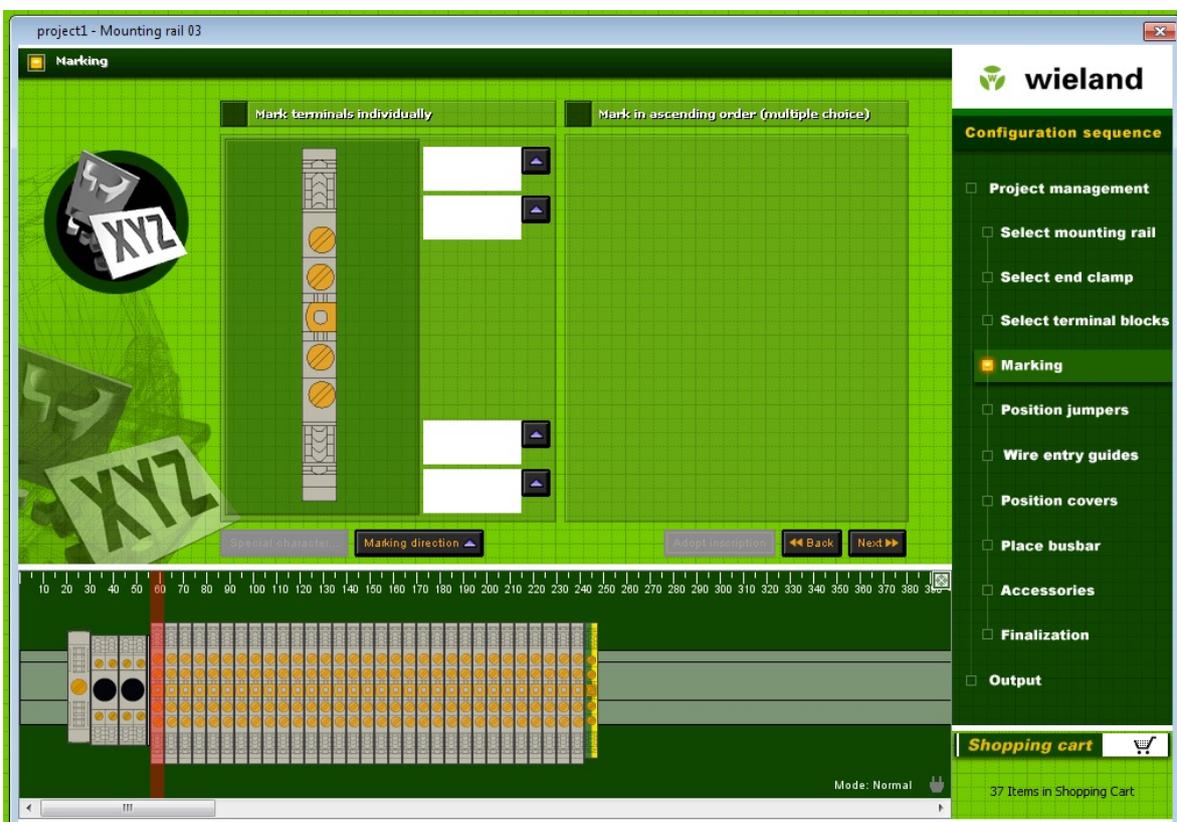
"Insert space" dialogue

Marking

Marking

wieplan offers you the option of labelling your terminals. If you click on the required terminal, the terminal is displayed together with the technical data and the number of possible labelling fields. Enter your inscription in the labelling fields, determine the labelling direction via the button and then press the button "Adopt inscription". Your text is now displayed on the selected terminals.

If you wish to delete the inscription again, click on the terminals, delete the marking values and adopt the new inscription with the button. If you enter a space in a labelling field, an empty marker plate is added in the display of the mounting rail.

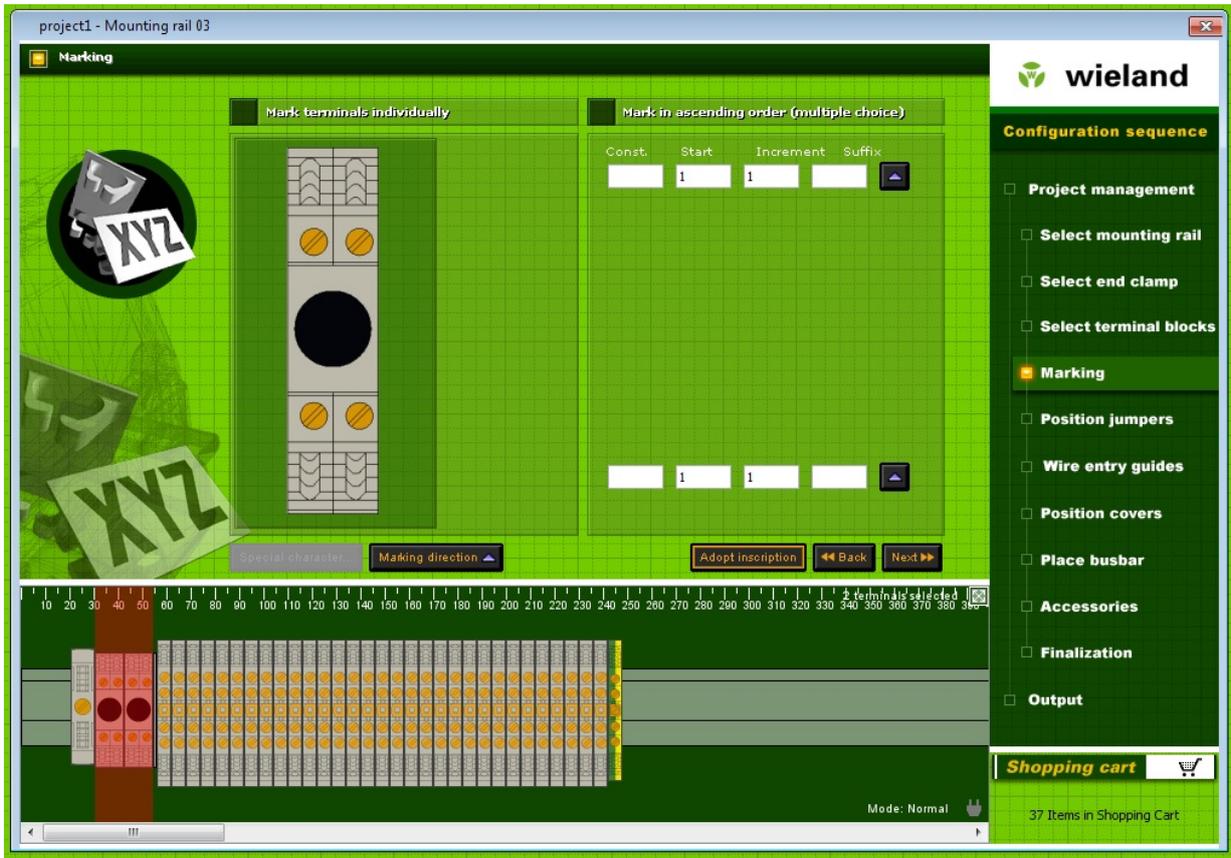


Mark terminals

Mark terminals in ascending order

If you wish to mark several terminals in ascending order, first select the required terminals while holding down the "Shift" key. You are then able to enter a constant value (e.g. a letter), a starting value and a step value. Click on the button "Adopt inscription" to mark the selected terminals in ascending order.

Marking



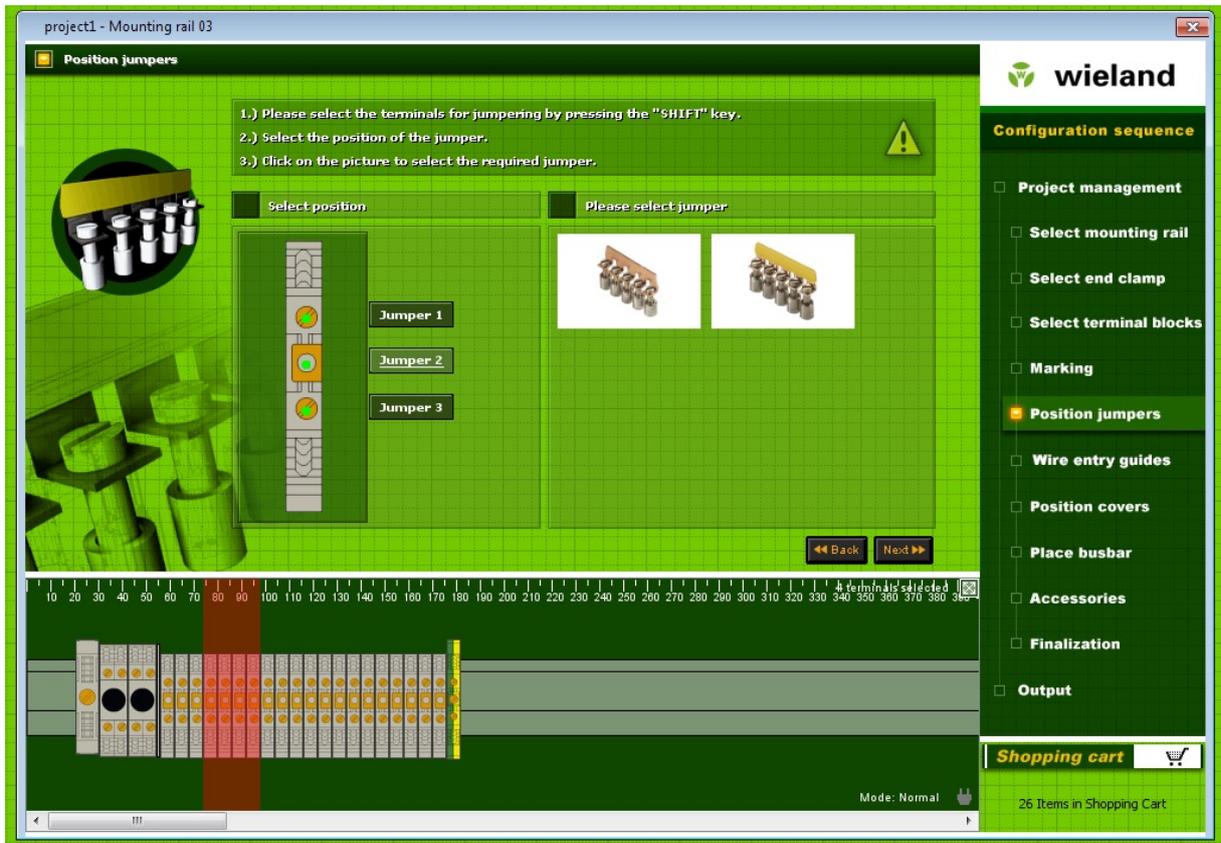
Mark terminals in ascending order

Position jumpers

The next configuration step involves positioning jumpers on your terminals.

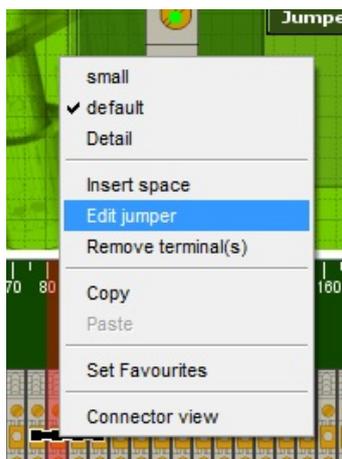
First select the required terminals while holding down the “Shift” key (note: you can only bridge terminals of the same type and size). If you have selected the terminals, a magnified display of the terminal appears. Green dots on the terminal indicate the possible jumper positions. If a jumper has already been placed above a bridging point, this is indicated by a red dot. Now determine the position of the jumper by clicking on the corresponding button. wieplan then indicates the possible jumper types for the selected terminal and position on the right-hand side of the screen.

Position jumpers



Position jumpers

The jumper is positioned on the terminals by clicking on the required diagram. To remove a jumper at a later date, select the function "Remove jumper" from the context menu which is accessed via the right mouse button. Select the required jumper in the subsequent dialogue and remove it by pressing the button "Remove jumper".



"Remove jumper" context menu

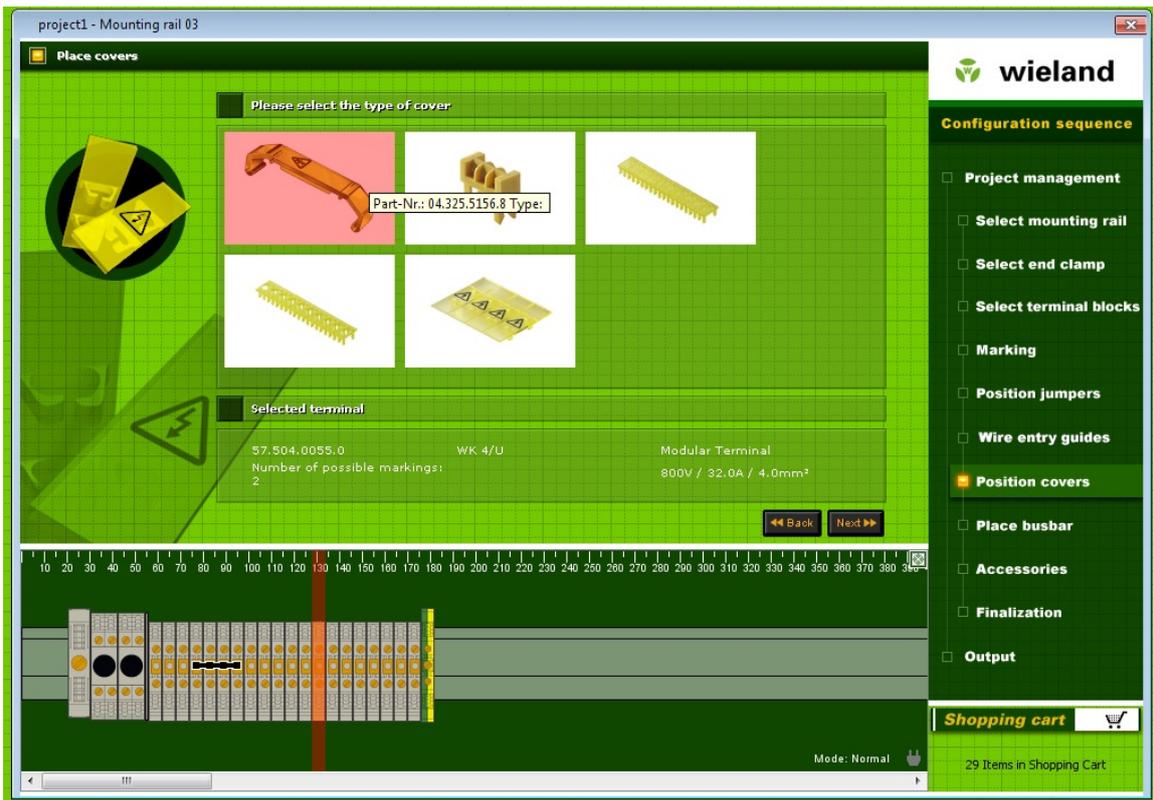


"Remove jumper" dialogue

Position covers

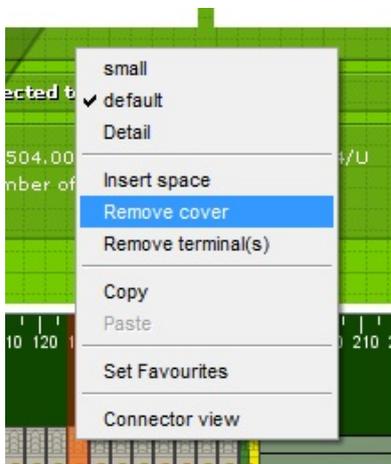
Covers

To position a cover on the terminal, first click on the required terminal. wieplan indicates the possible covers for the selected terminal. Click on a cover to position it on the terminal.



Position covers

If you wish to remove the cover, select the terminal followed by the function "Remove cover" from the context menu using the right mouse button.

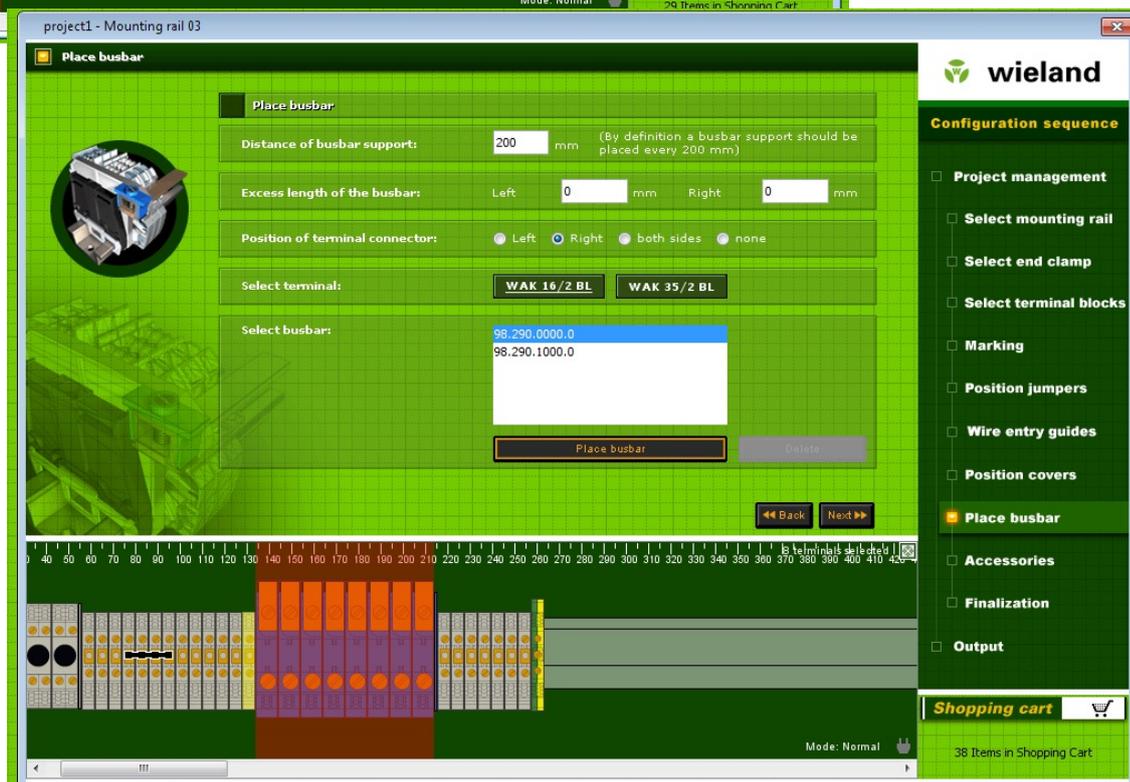
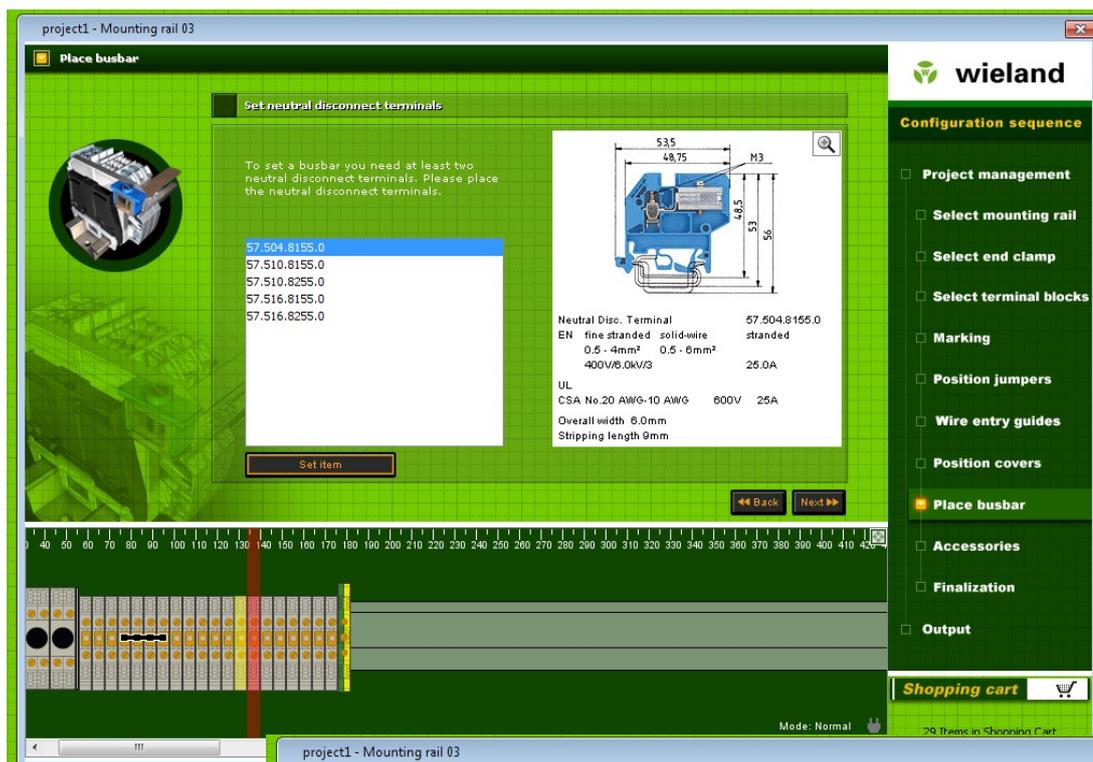


Context menu "Remove cover"

Place busbar

Place busbar

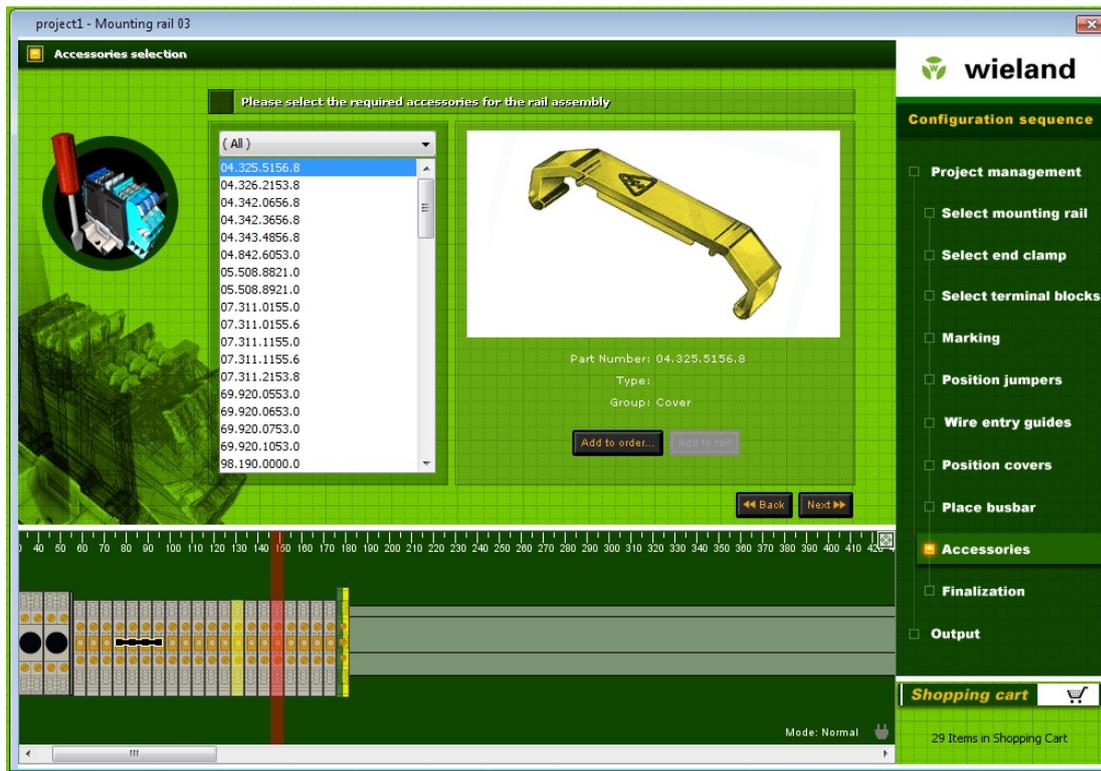
If you wish to place a busbar, first place the required neutral disconnect terminals. Once placed two neutral disconnect terminals you can place in the second screen the busbar. Determine the required options such as distance of the rail holder, the projecting end, the position of the connecting terminal as well as the connecting terminal. Then press the "place busbar" button.



Accessories

Accessories

To add accessories to the order or the configuration, change to the configuration step "Accessories". In this screen, you can add accessories to the rail and/or the order. Click on the required accessory in the list and press the button "Simply add it to your order" or "Add to the rail" to put the accessory in your shopping cart.



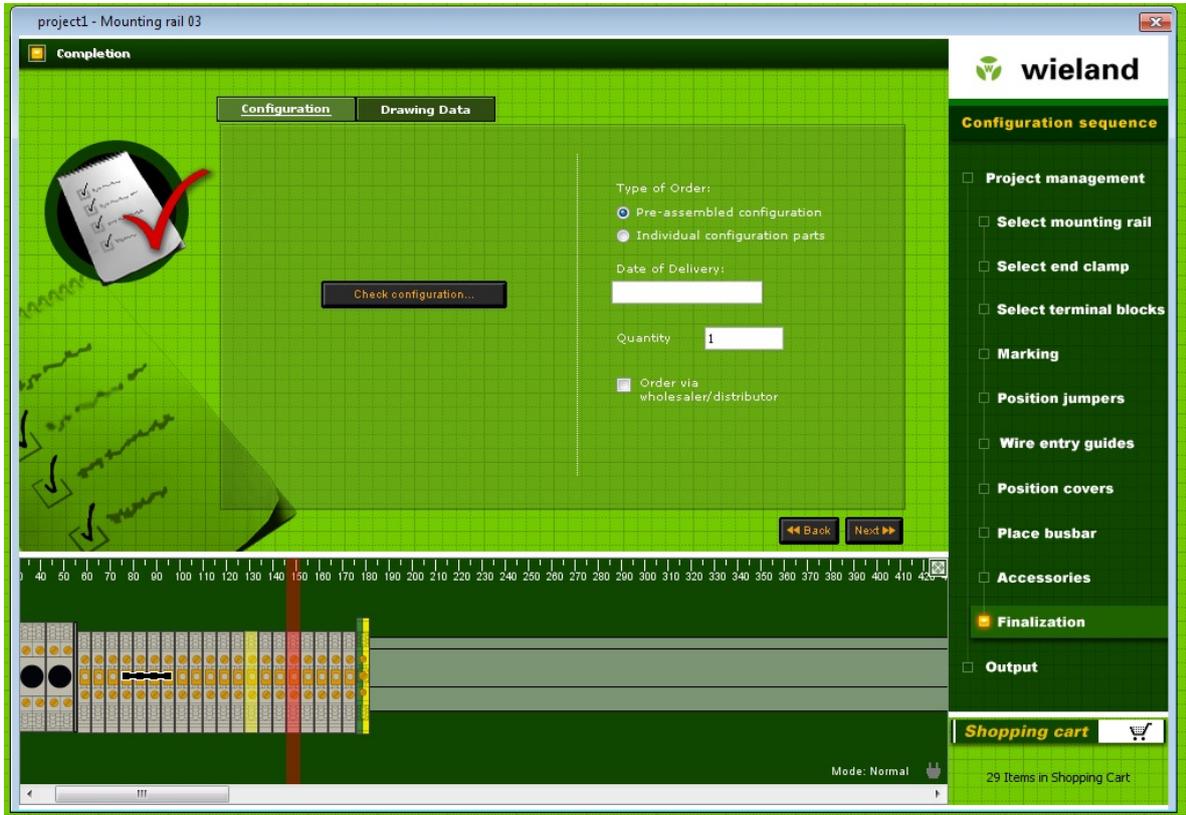
Accessories

Your data

Your data

In the configuration step "your data" you enter your personal details such as invoice address or delivery address and add comments to your order such as special requirements or a specific delivery date. Once you have entered the order data, you access the last step via the "Continue" button: the output

Your data



Your data - invoice address

ProjectDataDlgTitle

wieplan project management

Please enter your project data:

Project data Billing address Delivery address

Ord.-Nr.:

Customer number:

Company:

Name:

Street:

Post Code: Town/City:

Phone:

e-Mail:

Cancel Change project data >>

ProjectDataDlgTitle

wieplan project management

Please enter your project data:

Project data Billing address Delivery address

Company:

Name:

Street:

Post Code: Town/City:

Phone:

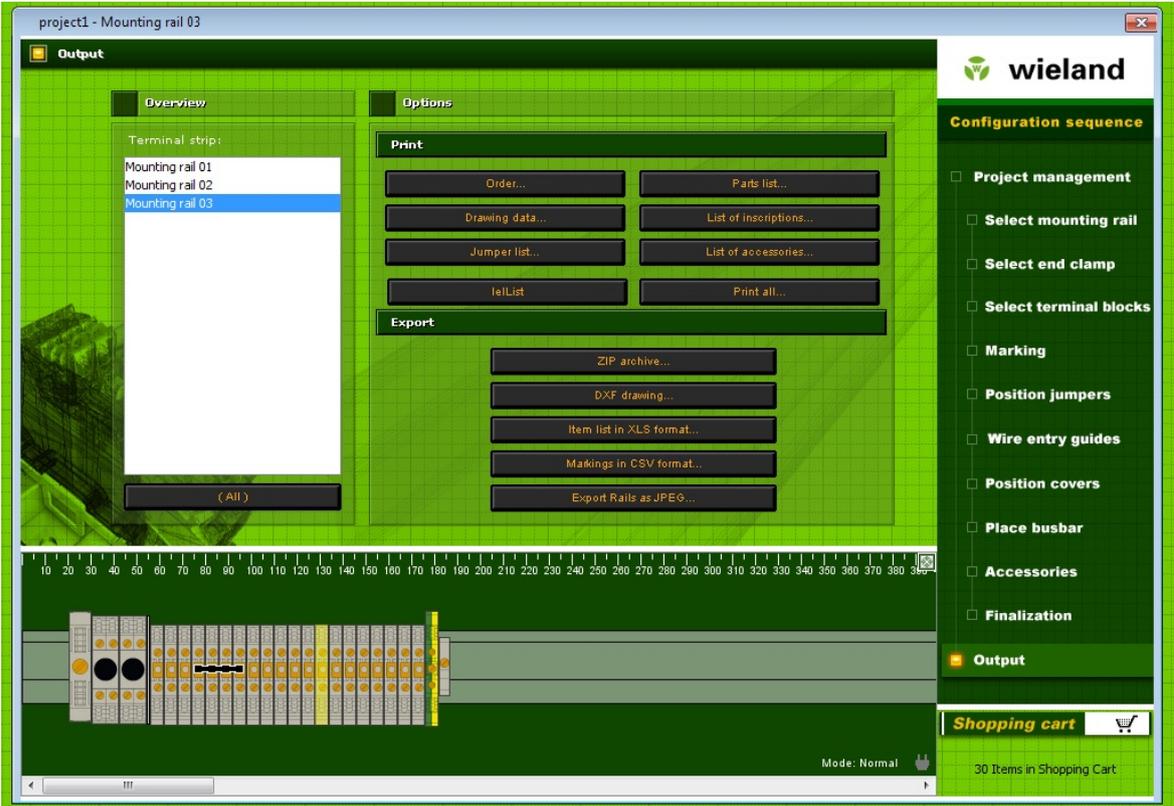
e-Mail:

Cancel Change project data >>

Output

Output

In the last configuration step, you have the option to output your project in various formats:



Output

Print

Under this menu item you can print out the quotation demand, the associated output lists (component list, labelling list, jumper list and accessories list) as well as the drawing data.

Export

- Button „Create ZIP-archive“

With this function, you can archive your project data – consisting of drawing data (DXF data), the wieplan project file as well as the order and component list in HTML format – in a compressed ZIP file.

-Button ‘Export DXF drawing’

wieplan creates a DXF file with the current configuration for further processing in all current CAD programs.

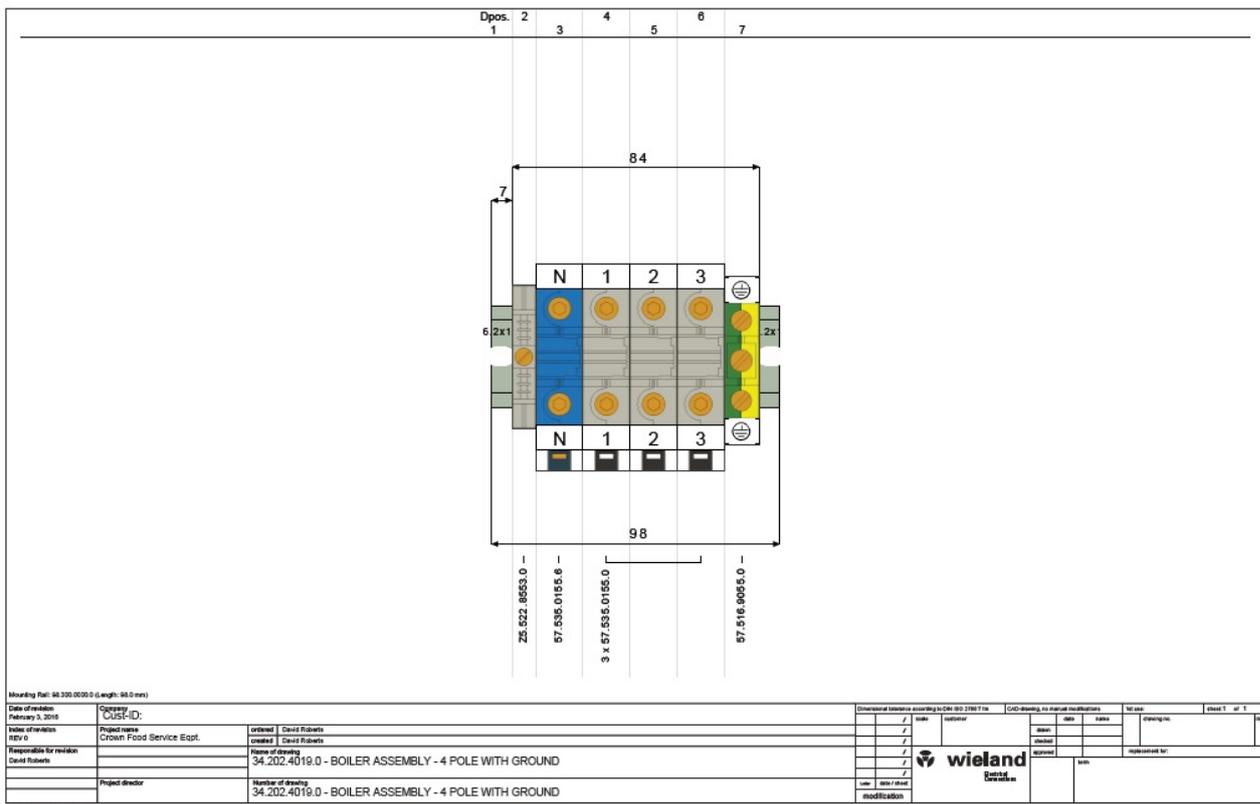
- Button ‘Export label in CSV format’

With this function, you receive a CSV file (comma separated values) with all the labelling data. You can process this data with programs such as Excel.

Output

- „Export parts list to Excel“ button

wieland will export your parts list data for further treatment in Excel format „xls“.



Drawing frame

Further functions

Create co-user

Under the menu item "User settings – Create/change co-user", you can create a new co-user for the software. You can thus quickly select the data of the user in the "Projects" dialogue.

If you select an existing user from the list, you can edit the data of the user. If you wish to create a new user, click the button "Create" Enter the data of the user in the text fields and press the "Save" button to create the user.

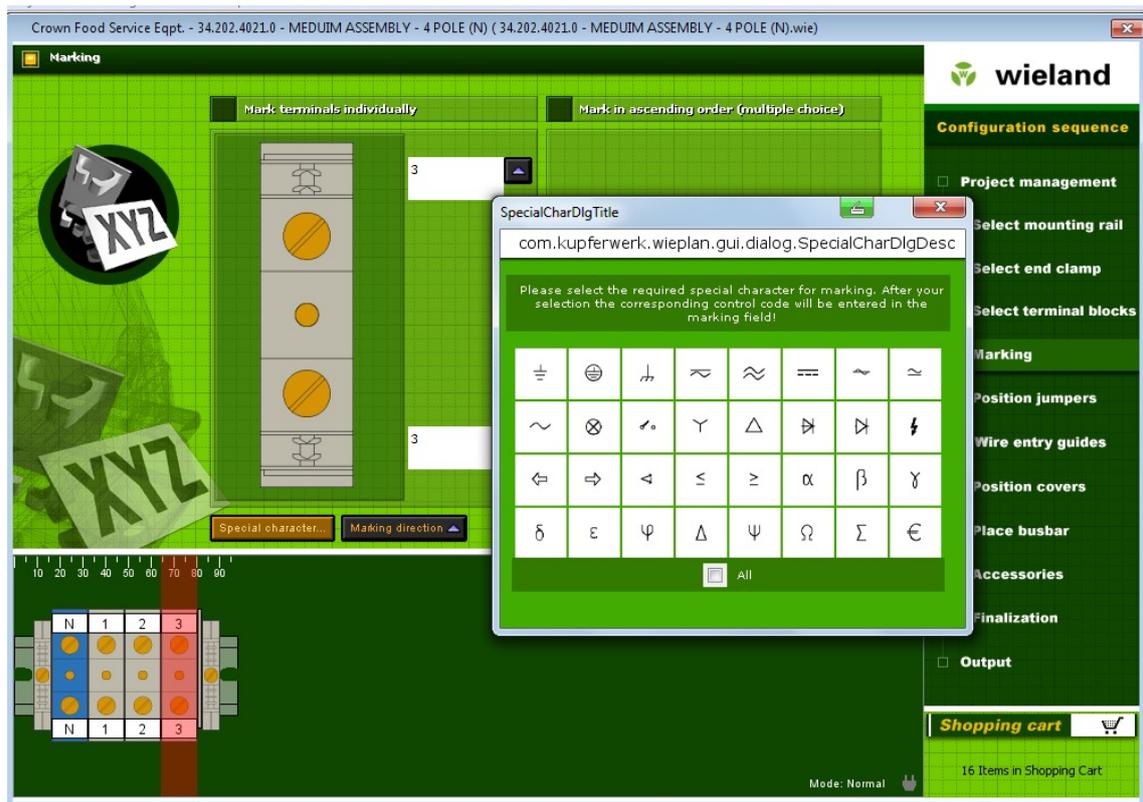
The screenshot shows a dialog window titled "UsersDlgTitle" with a subtitle "wieplan project management - Create co-user". The dialog has a green background and a dark green header with the text "Create/change co-user:". Below the header is a "Select/edit co-user:" dropdown menu. To the right of the dropdown are "Remove" and "Create" buttons. The main form area contains several text input fields: "Name:" (with "John" and "Smith" as examples), "Position:" (with "Engineering Manager"), "Department:" (with "Engineering"), "Phone:" (with "(905) 555-1212"), "Telefax:", "e-Mail:" (with "j.smith@ACME.com"), and "Notice:". At the bottom right are "Cancel" and "Save" buttons.

"Create co-user" dialogue

Further functions

Marking - Special characters

Wieplan enables you to mark the terminals with a special character. Click into the required text field and press the special character button. In the following dialogue you can chose the required special character. The text field then shows the control code for the chosen character.



Marking - special characters

Further functions

-Favorites function

Wieplan enables you to create favorites of your terminals, to save and manage. So you can place very fast frequently used configurations on your mounting rail.

How to create a favorite

Mark your required configuration while holding down the "Shift" key and select the function "Add favorite" via the context menu (right mouse button). You can put a name in the following dialogue for easy relating your configuration.

Add favorites to a configuration

If you want to add an existing favourite to your configuration, click on the required terminal on the mounting rail, where the favourite should be added to and press the right mouse button. In the following context menu select now "add favourites".

Manage favorites

The menu item "Presetting-manage favorites" enables you to delete and rename your favorites.

-Copy terminal blocks

Mark your required terminals while holding down the "Shift" key and select the function "Copy terminal block" via the context menu (right mouse button). Then choose the position where you want to place the terminal block and select the function "Insert terminal block" via the context menu.

Further functions

Library

Within the library, you have quick and direct access to your most frequently required items. To add an existing item from the Wieland range to the library, please select it in the selection list and then click on the button 'Add item to the library'. Via the 'Library' button in the left-hand area of the screen, you can display the products which you have defined as personal favourites.



Library – Create your own items

wieplan offers you the possibility of creating your own items and arranging them on the mounting rail. Retrieve the following dialog via the button 'Create your own items' (in the screen 'Select terminal'):

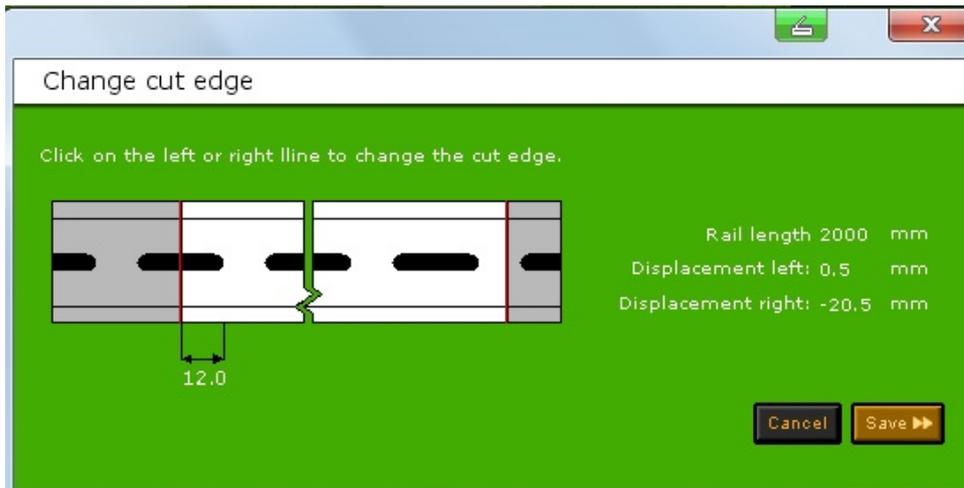


Now enter the required data (item number, short description, width, height, latching point as well as the colour of the item) and click the button „Add item to library“. Your new item is now located in the library and can be added to the mounting rail – along with all the other items.

Further functions

Treat cutting edge

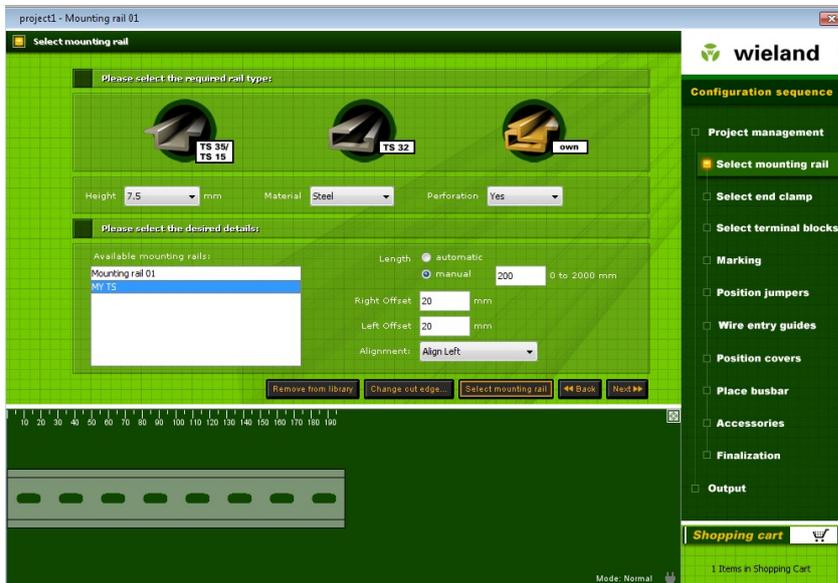
wieplan offers the possibility to determine your own cutting edges for rails with perforation. To do so change to the screen "Select mounting rail". Once you have placed there a mounting rail with perforation, appears the button "treat cutting edge". This button calls up the following dialogue:



The two red lines show the original cutting edge. With the mouse you can now move the left and/or the right cutting edge as you like. Take over the chosen adjustment via the "Save" button. When you move the left cutting edge, the total rail length remains constant. The right cutting edge allows you to modify the rail length as you like.

Mounting rails – favourites

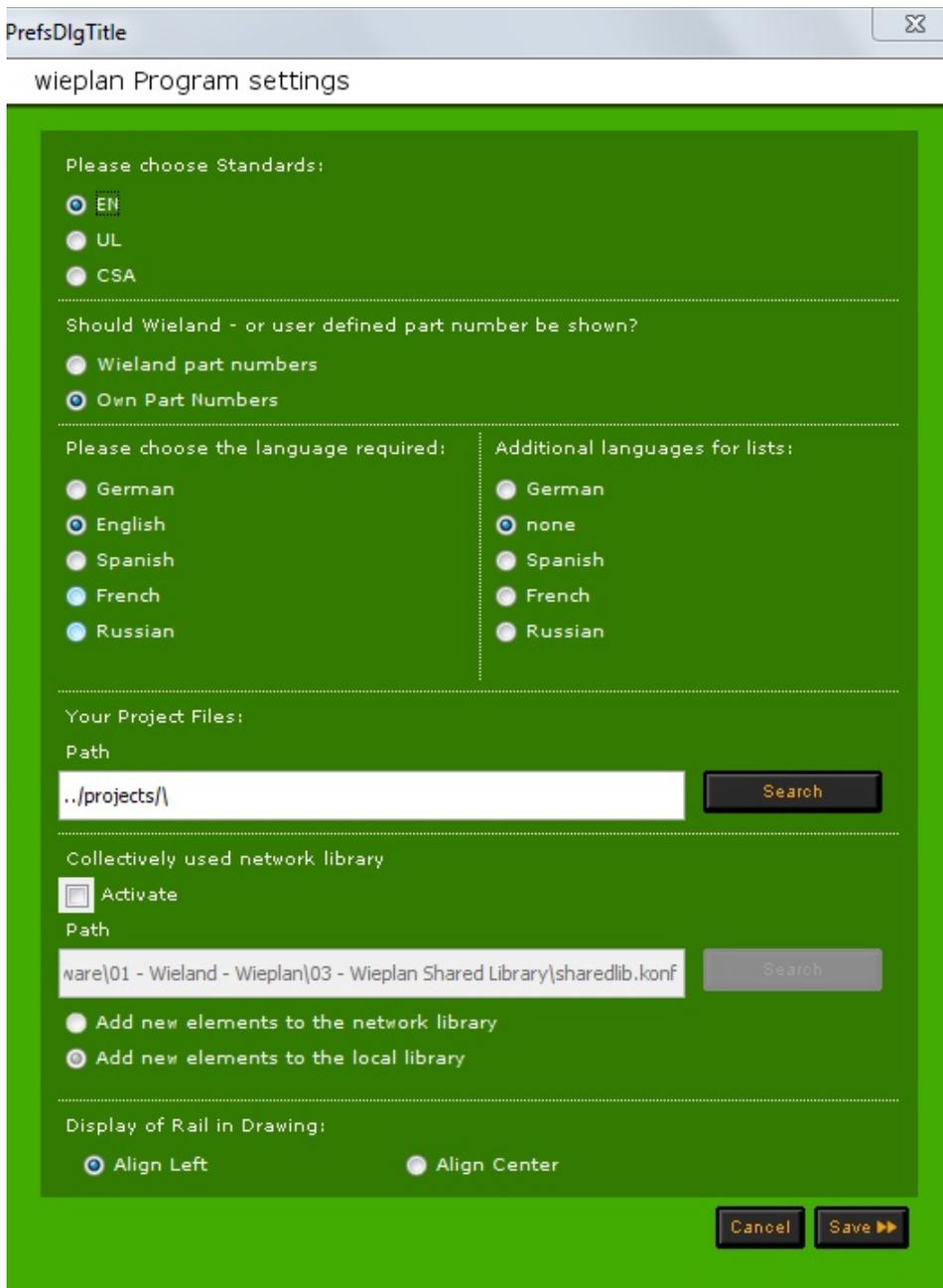
As in the case of the terminals, in the configuration step "Select mounting rail" you can save frequently required mounting rails in the mounting rail-library. To do so place a mounting rail from the list and press the "Add to library" button. Select then in the following dialogue the desired name and save your list. The saved mounting rails can be called via the symbol "My TS".



Further functions

Network library and freely selectable project list

In the programme configurations you can create a network library. This enables various user within the same company to share the same library. You can activate in the programme configurations the option "Shared network library". Here you determine the storage space of the library and define in which library new items should be added. Additionally you can determine freely the project list, where the wieplan-projects should be saved.



Further functions

Own item numbers

Wieplan offers you the possibility of using within wieplan your own item numbers for the display of the products. You can create your own item numbers via the menu item "Pre-adjustments > manage/import item numbers". In the following dialogue you can export for treatment the internal wieplan- database in excel format, import your treated list or enter your item numbers directly in wieplan.

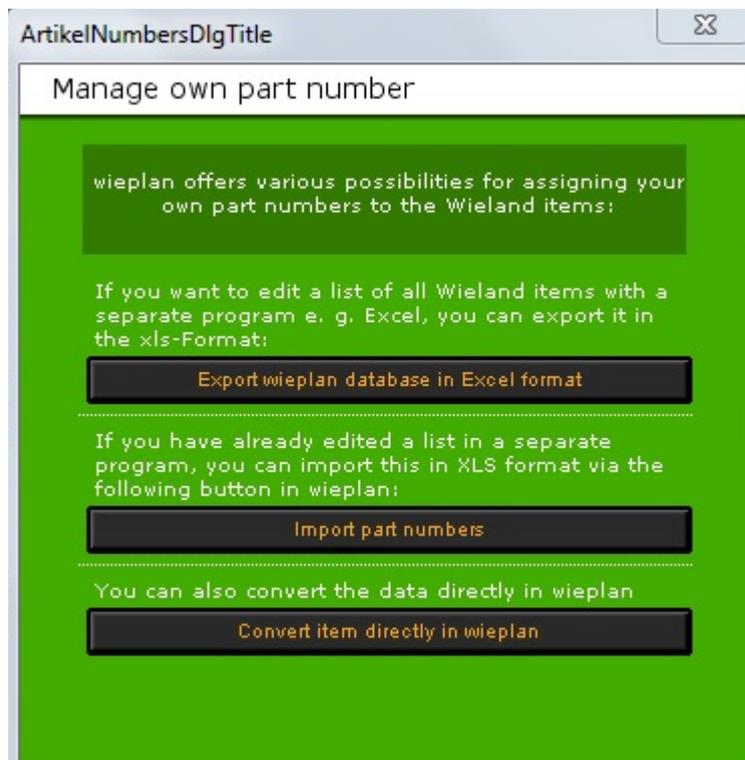
We propose to proceed as following:

a) Treatment in the external editor

If you wish to treat the data in an external editor (for example Excel), call up the dialogue "Item numbers" via the menu item "Pre-adjustments > manage/import item numbers" and click on the button "Export wieplan-database in excel format". Chose a storage space on your hard disk and save the database.

Now open the database with a table editor and add there in the second column your own item numbers (please take care that you do not create new columns or modify, because this would cause errors in the data import).

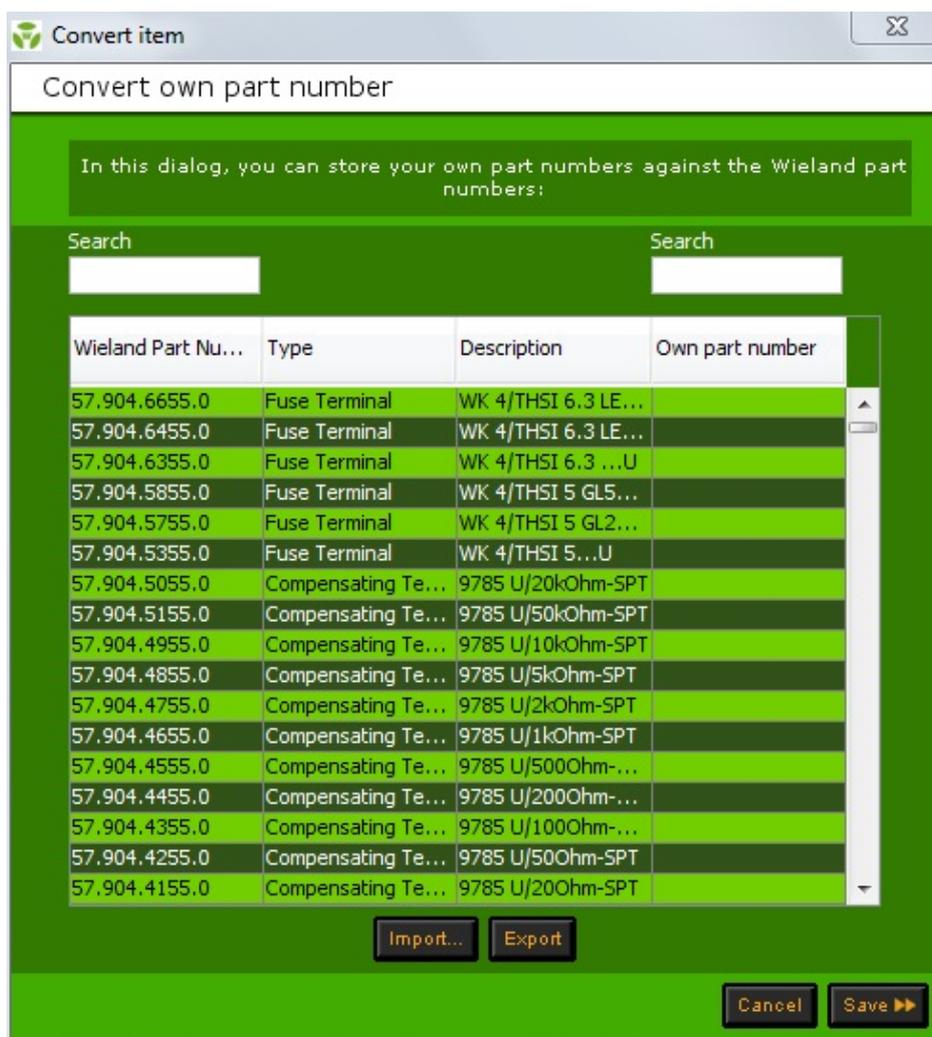
Once you have modified the required data in the editor, save the modifications and change again to wieplan. Via the button "import item numbers" you can import the modified data in wieplan again



Further functions

b) Treatment in the wieplan editor

Alternatively to the export/import possibility you can use as well the appropriate wieplan editor, which you can call via the button “transfer item directly in wieplan”:



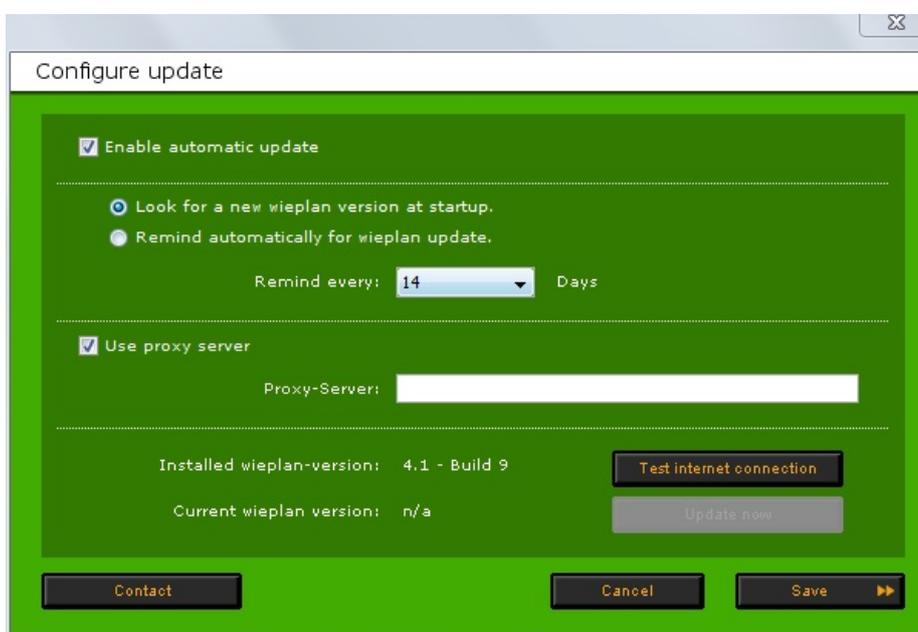
Enter your own data in the column “Own item numbers” and confirm with “Enter”. Via the search fields above the columns you can search special items and display only a part of the items. Once modified your data click on the “Save” button to take over the modification.

Further functions

wieplan online update

Via the function Auto-Update (in the menu item “Pre-adjustments – configurate AutoUpdate”) you can keep wieplan always up to date.

To do so wieplan is searching automatically an updated programme version. In case there is available a new wieplan version, click on the button “now update” and follow the instructions on the screen. After the Update has been started, the update will be loaded first from the wieplan-update-server and then will be installed. After an automatic new startup of wieplan you can use the new functions.



You can adjust in the Auto-Update-Adjustments whether wieplan is searching automatically for new programme versions every time the programme is started, or if you want to be reminded to do so from time to time.

In case you use wieplan within a company network behind a firewall, you can adjust the Proxy-Server-Settings. Via the button “Check internet connection” you can check whether wieplan can build up a connection to the wieplan-Update-Server. In case you should have any problems in using the Update-function, please contact the responsible system administrator in order to realize the necessary adjustments within your company network.