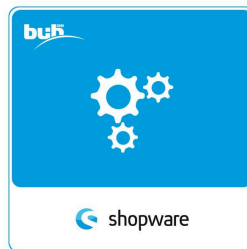# Documentation

Product options

Module Factory

Documentation Version 1.0.0

created with

shop version 5.7.11 and

plugin version 5.07.06

(deviations are possible if your shop or plugin version does not correspond to this)

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General

Foreword

The agency BuI GmbH arose from the need to make their own shop better. This is now more than 18 years ago.

After countless projects, interfaces, payment modules and shops for xt:Commerce, we have been a certified Shopware Solution Partner since 2011. Shopware quickly became our most important system. As a certified Shopware agency, we can offer you the ideal support according to your needs.

In addition to Shopware, Xentral is also one of the most important systems in our range. With the combination of the Xentral ERP and merchandise management solution with Shopware 5 or Shopware 6, you get what we believe to be the most flexible and scalable solution for your business.

Your needs and requirements are important. For us it doesn't matter whether you have purchased a plugin in our own module shop or Shopware Community Store, whether you have a community, professional or enterprise license, whether you are a startup, SME or corporation. Our goal is to make you and your company a happy and satisfied customer.

Support

Our plugins are certainly not 100% error-free - we stand by that. Therefore, we have quite agile support that always strives to help in a timely, efficient and customer-oriented manner.

If there is a support case, we need at least information about the plugin and shop version. Please note that we only provide free support if both are up to date and you have not made any changes yourself. If the case arises, please also check whether the problem exists in the standard Shopware theme (is understandable), since incompatibilities can also arise as a result of the graphic customization of the shop. These cannot be tested in our tests before publication and are therefore excluded from free support.
As a gesture of goodwill, we will look into your problem if your plugin or shop version is not too old. However, this decision is ours alone as to when we act out of goodwill.

In our case, support means not only fixing errors, but also helping. If something is unclear or incomprehensible, please feel free to write to us.

Tests

You can test all of our plugins for 30 days free of charge and to the full extent. We even ask for it. Only then can you be sure that the plugin is doing exactly what you hoped for or expected. Our support will also support you during this test period under the above conditions.

The plugin

With our plugin "Product options" you have even more options to offer your customers choices. These options can be assigned per item variant. This plugin is particularly suitable for customizing products. An up or down price can be set for each option, which is displayed and calculated directly for your customer. It does not matter whether this deviating price is calculated once or several times. The options offered are independent of stock levels, which are not maintained in this case. If one option excludes another, this can also be mapped by storing a blacklist. Since this plugin is extremely extensive and flexible, here is an overview of the most important functions:

- Live calculation of the option prices in the shop including the final price
- Blacklist: The options can be mutually exclusive
- Define mandatory fields: these are options that must be filled in
- One-off prices: the price is independent of the order quantity of the item
- Options can also contain real items (the item price can be used as the option price)
- Options and groups can be stored images (this requires a template adjustment)
- Rearrange option values in the groups using drag and drop
- Prices per volume, area or length possible

Starting with this version, we have expanded the already very extensive plugin with many more functions. What is new is that options can be preselected or a calculation per character (e.g. per letter) is possible. You can even exclude individual characters. The display of the options has been expanded from two to four options. In the backend and usability, we have improved the display of the options on the article. These are now grouped together. This creates clarity, especially with many options. From this version, options can also be copied from one item to another (or more). In addition, it is no longer necessary to reassign a group

if you want to add an option afterwards. This subsequently added option can be propagated to all articles using this group with a single click.

So you see, the already mega plugin has been made even better and more extensive. This means that almost all options for customizing your products have been created.

Pluginconfiguration (general assignment)

Activate plugin for this client?

- yes - The plugin is active for this client.
- no - The plugin is not active for this client.
- inherited - uses the main

Set default language/fallback language:

- This setting is important if you use one or more language shops. If a text module is not available in a language, the language stored here will be used.

Show badge in listing:

- yes - A badge (note) is displayed in the listing that indicates that an option selection is possible.
- no - the badge is not displayed in the listing. Thus, there is no indication in the product listing that refers to an option selection. inherited - accesses the setting of the main shop

Display of the product options:

- Normal display => all options are displayed expanded (image 1)
- a wizard => step by step in a modal box (image 2)
- collapsed => display alternately (image 3)
- collapsed => Display independent (Picture 4)

View of the blacklist:

- Option is hidden - the option is not displayed
- Option is deactivated - the option is displayed, but cannot be selected

clickable images:

- yes - the selection can be made via the image (only with a radio button or checkbox and an image must be stored).
- no – the button must be clicked directly here. A selection via the image is not possible.
- inherited - accesses the setting of the main shop

Graduated prices (does not apply to price groups)

- Related to each configuration - the grading only applies if absolutely identically configured items are placed in the shopping cart.
- Grouped by Base Item - With this setting, the configuration doesn't matter, the bulk price is calculated based on the base item.

precision of the formula:

- How many decimal places after the comma should be considered for the calculation?

Gross in the backend:

- yes - the option prices are recorded with VAT
- no - the option prices are recorded without VAT
- inherited -> uses the setting of the main shop

  Attention - when changing from yes to no or vice versa, the cache and the backend must be emptied be reloaded.

Tax rate for options:

- If "yes" has been selected for gross in the backend, the value with which it is then specified for the respective options must be stored here. Attention, this calculation is only relevant in the backend. In the frontend, the tax rate that has been stored for the shop is taken into account. This can therefore lead to confusion under certain circumstances if the value differs from the applicable VAT.

  e.g. B.
  Gross in the backend = yes
  Tax rate for options = 12

  The surcharge for the option was 1.20 euros, so the output in the frontend is 1.27 euros.

  Our recommendation is therefore to store gross in the backend = no and net values.

Allowed file extensions:

- The file extensions that should be possible with an upload can be stored here. It is important to ensure that these are stored without a preceding period and separated by commas. If no entry is made at this point, almost all file types are allowed. Under certain circumstances, this can lead to security gaps. We therefore recommend defining the appropriate file types.

General options.

In the backend, under **Article -> Product options sets/groups** , you can store your desired options.

We will encounter the following symbols again and again:

Arrow - inherits from ...

Cross - deactivates

Tick - activates

sets

The best way to do this is to name your set by clicking on add, giving it a name and choosing update. This saves the name of your set. Now option groups are needed.

Groups

First select "add" (button) again.

Basic settings group:

Field type Radio

- button (single
- multiple
- (list selection)
- Textfield (single-line text field)
- Datepicker (date selection)
- Textarea (multi-line text field)
- Upload (upload field)
- Formula (calculation)
- Quantity (amount can be freely defined per option
  -> Attention : The quantity must not exceed the maximum quantity stored under Basic Settings/Storefront/Shopping Cart Item Details/ "Max. selectable item quantity...", otherwise it will be automatically reduced to this quantity. However, as soon as this value exceeds 100, there are performance problems on the part of the Shops - this does not represent a plugin error.)

Internal identifier:

- This input field is intended for purely internal use. This can be output in the frontend, but is currently not being processed.

Mandatory field:

- When activating by clicking and ticking, you specify that a selection must be made for this group. If the customer does not make a selection, the product cannot be ordered.

Variable:

- --- represents the standard here and can be left as it is if no calculation is to take place.
- x, y, z, a, b are possible variables that can be used for a calculation. More about this under ...

Active:

- activates or deactivates a group

Enlarge images:

- is currently available for groups without a function

Group filter settings:
Filterable:

- Here it is determined whether the group is made available in the filter (frontend).

Images instead of text:

- Provided that one makes the group available filterable, the options image can be displayed instead of the text.

Language settings

group: Group name:

- The name for the group is stored here.

Short description:

- Here you can enter a short description of the option.

Long description:

- If a more precise description is required for the option group, this can be documented here.

Options

As usual, you can add new options using the "Add" button. Make sure that the group to which the options belong is highlighted in blue.

Options Basic settings

Price prefix:

- + (plus) there is a surcharge
- - (minus) a discount is calculated
- * (times) the basic price is multiplied by this value (e.g. basic price €10.00 - then the item costs with this option €20.00) Net

price / gross price:

- The value that should be calculated differently from the basic price. Depending on the price prefix, this leads to a premium or discount.

Number Separator:

- Selection of the separator if you want to add more characters (see order number) to the order number. You can choose from: +, -, /, *

Order number:
- The characters that are stored here (letters, numbers) are appended to the order number.

Preselection:
- If this option is activated (check mark), the option is already preselected for the customer.

Active:
- inherited from group - accesses the group setting
- - the option is active
- off - the option is deactivated

advanced settings (depending on the field type)

internal identifier:
- only for internal notes, this can be output in the frontend, it will but currently not processed

Single Calculation:
- If the premium or discount price should only be calculated once for the option, regardless of the quantity.

Variable value:
- The value stored here can be used for a calculation.

Unit:
- The unit to which the variable value refers.

Mandatory field:
- inherited from group - reverts to the setting of the group
- - the option is active
- off - the option is disabled

Single:

- calculation per character (see question mark (explanation) in the plugin itself)

TextRegex: defines

- the characters that are counted (regex knowledge required)

min:

- minimum value (no limit without input)

max:

- maximum value (no limit without input)

Variable:

- A selection only has to be made for calculations. --- is stored by default. This means that no variable is stored. The following variables are available: x, y, z, a, b

Formula field:

- The formula used for the calculation must be entered here. Q represents the basic price and must be included in the calculation.

Images tab:

to assign options to images

Items tab:

there is a possibility to assign options to real items.

Use item prices:

- If activated, the item price is used as the option price. To do this, it is necessary to set the price prefix in the Options tab (see Options basic settings).

Search for:

- At this point, the assignment is made as to which article is to be used for this option.

assignment

Create your article as usual. Under the Product Options tab, you can assign the desired option sets. To do this, select the appropriate set under "Select options set" and click on

"Add set" to add it. At this point you can also remove the stored set later if it is no longer needed. In this case, select the set again and click on "Remove Set" to remove it.

Multiple changes

- Several articles can be edited at once (selection is made by marking on the left which options are to be edited)

Remove

- individual options

Copy to article

- copies the existing option assignment to another article

Edit

- groups to delete entire groups

Search

- searches for group

Separator, Order number, price prefix and net (gross) price, single calculation, mandatory field, active can be overwritten per article

Tips and tricks / FAQ

Option price is stored on the article and no calculation takes place

Please make sure that if the option price is stored directly on the article or is overwritten, the price prefix must also be stored. Both can be seen as a unit.

Order confirmation email incorrect:

A blueprint of the template is located in Mofa(Swp)ProductOptions/Resources/views/install/mails/. There you will find both templates, one for html and one for text. You will need to customize these to your liking, with an editor of your choice, so that the additional information such

as B. VAT and contact details are available. You then store this customized template in the backend under sOrder. So copy and paste. Save a copy of your template to be on the safe side.

Another possibility would be to change the mail template in the shop. The part between <table> and </table> is important. The table with the products is created there.

We have deliberately avoided overwriting the original mail template if individual adjustments have been made.

Sorting is messed up

Unfortunately, with such a large and extensive update step, it cannot be avoided that the options have to be re-sorted when updating to version 5.05.20 (if they were previously).

Examples of calculation

options Length calculation with free size specification
You go first under Article - Product options sets/groups. There you create a set. You can choose the name freely. Then you create a group. Here, too, the designation (group name) can be freely selected. Select "Textfield" as field type and check "Active". This part is now complete and can be saved.

You now have to create an option for this group. The option name can be freely selected. It is important that you make a selection for variable (in my example it is "a").

Now you have to create another group in which the calculation takes place. This gets the field type "Formula". For "Active" please check the box again and set the group name.

An option must be assigned to this group again. In the formula field you enter Q*a. Q stands for the product price and a is the variable you set earlier. So if you have decided for b, c, ..., please enter this variable designation instead of a.

The option name can also be freely selected here.

You now assign these two groups to your set and then the set to your product.

Area calculation with free size specification

As with length calculation with free size specification , you create a group for e.g. B. the width and a group for the z. B. the length. In addition, there is the group for the calculation. The width option gets e.g. For example, the variable a is assigned and the length option is assigned the variable b. The calculation option must now contain Q*a*b. Q is therefore the square meter price.