amasty

See how the Automatic Related Products extension works.

Guide for Automatic Related Products for Magento 2

Motivate customers to purchase more from your store using special blocks with cross-sells, up-sells, or related products. Automatically promote products with smart algorithms for product relation and increase the average order value.

- Use smart rule-based algorithm to offer related items, up-sells, and cross-sells
- Show related products based on history of views or purchases
- Display items on category, product, shopping cart pages, and custom positions
- Display multiple related products blocks on one page
- Offer bundle packs with fixed or percentage discount
- Create a specified CMS page with all bundles
- Monitor related offers efficiency with advanced analytics
- Import and Export bundle packs data
- WCAG compliance (for the extension with Luma Theme)
- Hyva-ready storefront
- Hyva Checkout ready

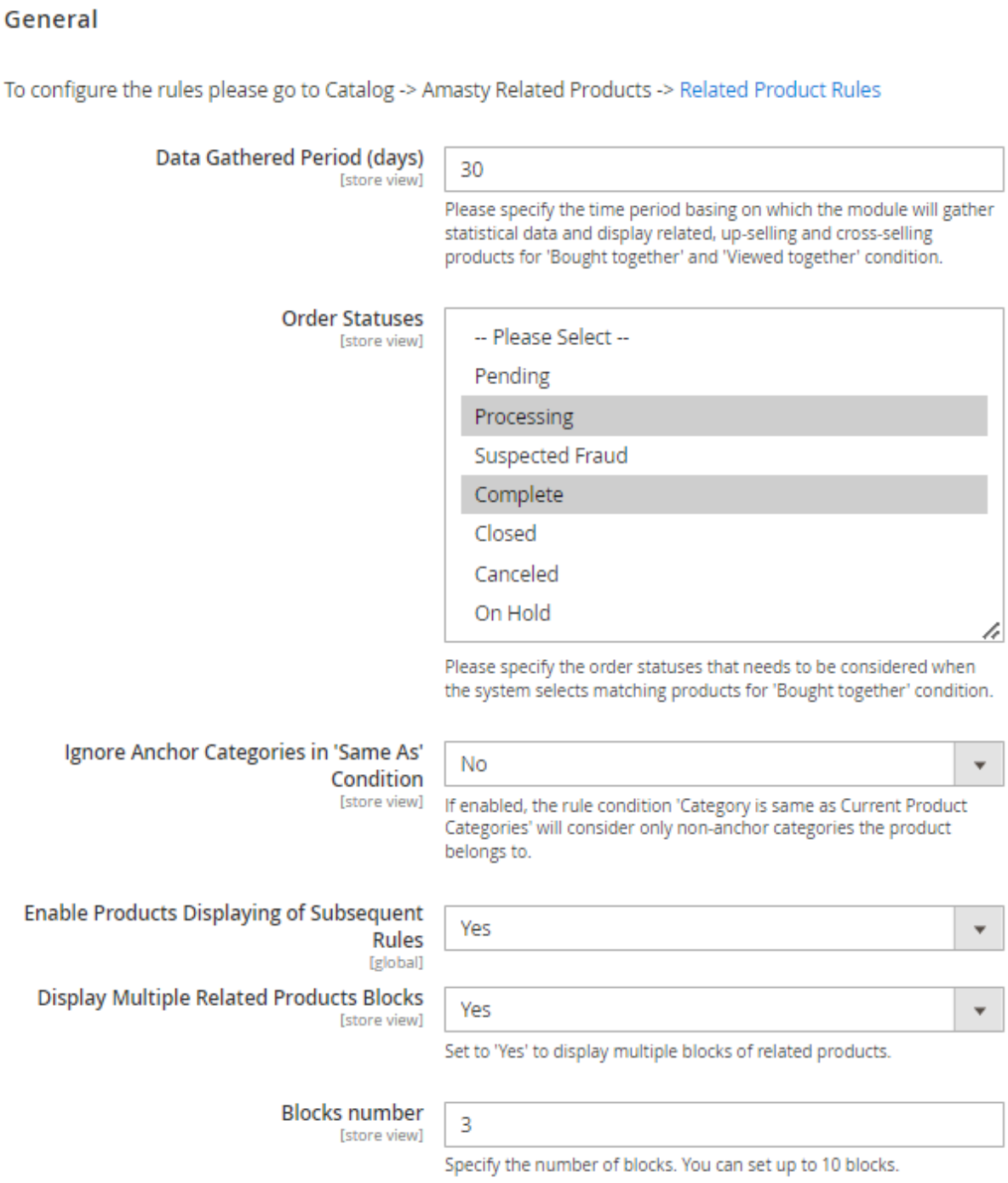
Explore our internal **Knowledge Base** to gain even more valuable insights and uncover answers to popular questions about the configuration and features of the Magento 2 Automatic Related Products extension.
Magento 2 Automatic Related Products extension is compatible with **Hyvä themes**. You can find the 'amasty/module-mostviewed-hyva' package for installing in composer suggest. The compatibility is available as part of an active product subscription or Support Subscription.

Please note that for the correct Hyvä compatibility work, the **GraphQL** module 'amasty/customers-also-viewed-graphql' should be also installed.

The extension is compatible with **Hyvä Checkout**. You can find the 'amasty/module-mostviewed-hyva-checkout' package for installing in composer suggest (Note: the compatibility is available as a part of an active product subscription or support subscription).

General Settings

To configure the extension please go to **Stores → Configuration → Amasty Extensions → Automatic Related Products** and expand the **General** section.



Data Gathered Period (days) - specify a time period for stats data gathering that will be used in related, up-selling, cross-selling, ‘bought together’ and ‘viewed together’ products.

Order Status - specify order statuses that need to be considered when the system selects matching products for the 'Bought together' condition.

Ignore Anchor Categories in 'Same As' Condition - If enabled, the rule condition '*Category is the same as Current Product Categories*' will consider only non-anchor categories the product belongs to.

[Narrow case] Please note that the condition rule you created will be ignored (all store products will be applied) **if both of the conditions below are applied**:

- the product you're configuring belongs to an anchor category ONLY;
- the setting '*Ignore Anchor Categories in* '*Same as*' *Condition*' is enabled.

Enable Products Displaying of Subsequent Rules - set to 'Yes' to display subsequent rules products if there are no products matching the condition in the priority rule.

Please consider, that due to its specifics, the 'Enable Products Displaying of Subsequent Rules' setting **may affect webstore performance** if enabled. Please, enable this feature only in cases when it is needed.

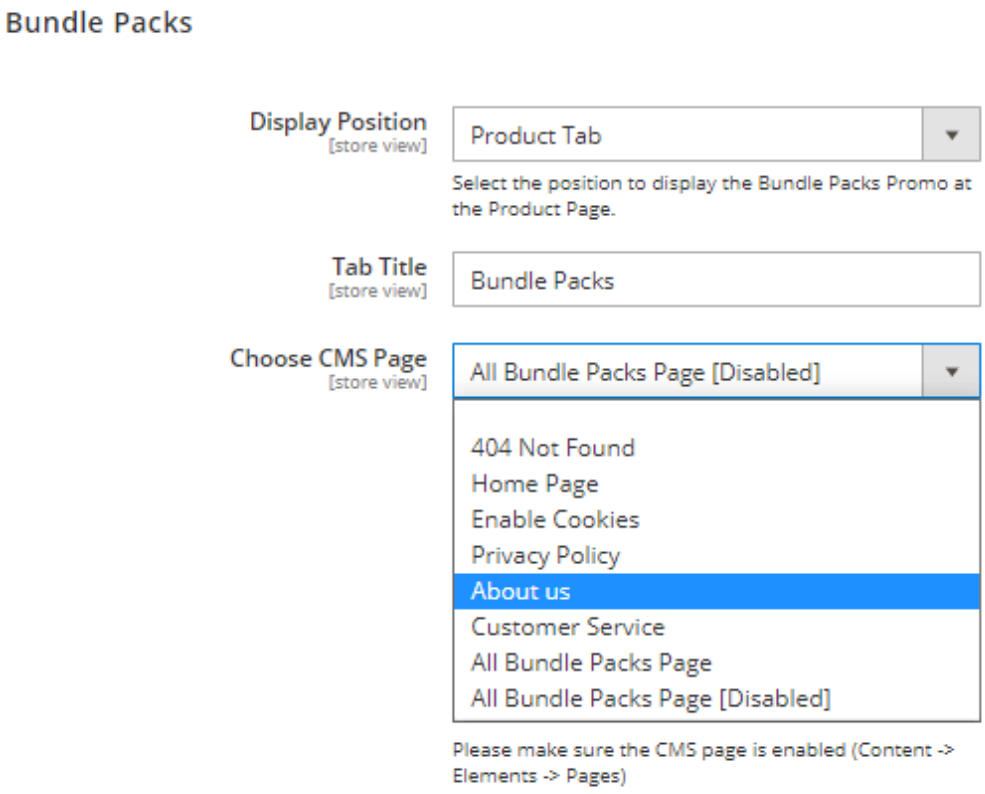
Display Multiple Related Products Blocks - set to 'Yes' to display multiple related products blocks on one page. The feature is available as a part of an active product subscription or support subscription.

Blocks number - this is a dependent setting from the previous one. Here you can specify the number of blocks. You can set up to 10 blocks.

Related product blocks will appear on the page provided that corresponding rules have been created. For instance, if you've set up two rules that are relevant to the scenario, and the blocks number in general configuration is set to four, only two blocks will be displayed.

Bundle Packs

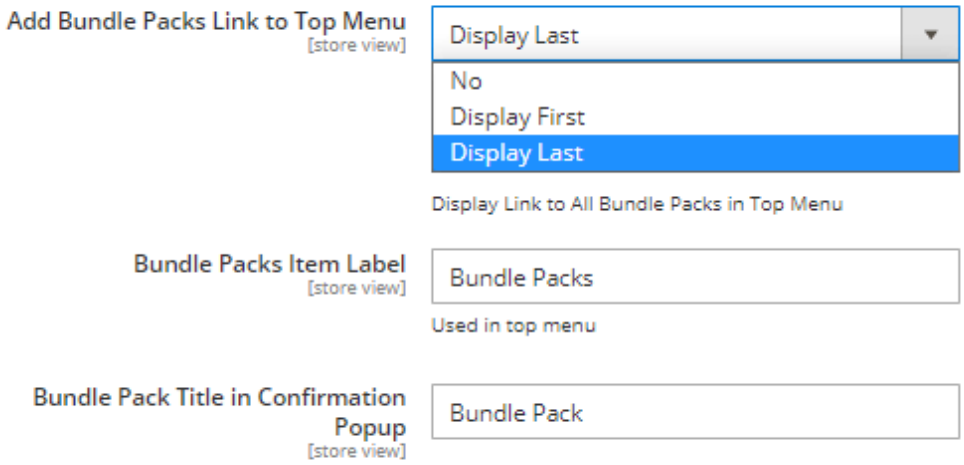
In the **Bundle Packs** section, you can fine-tune the main settings of product bundle packs.



Display Position - choose the position to display product bundle packs: below product info, on a product tab, or in a custom position.

Tab Title - when displaying bundle packs on a product tad, specify a custom title for the tab.

Choose CMS Page - Choose a CMS page to show bundle packs on.



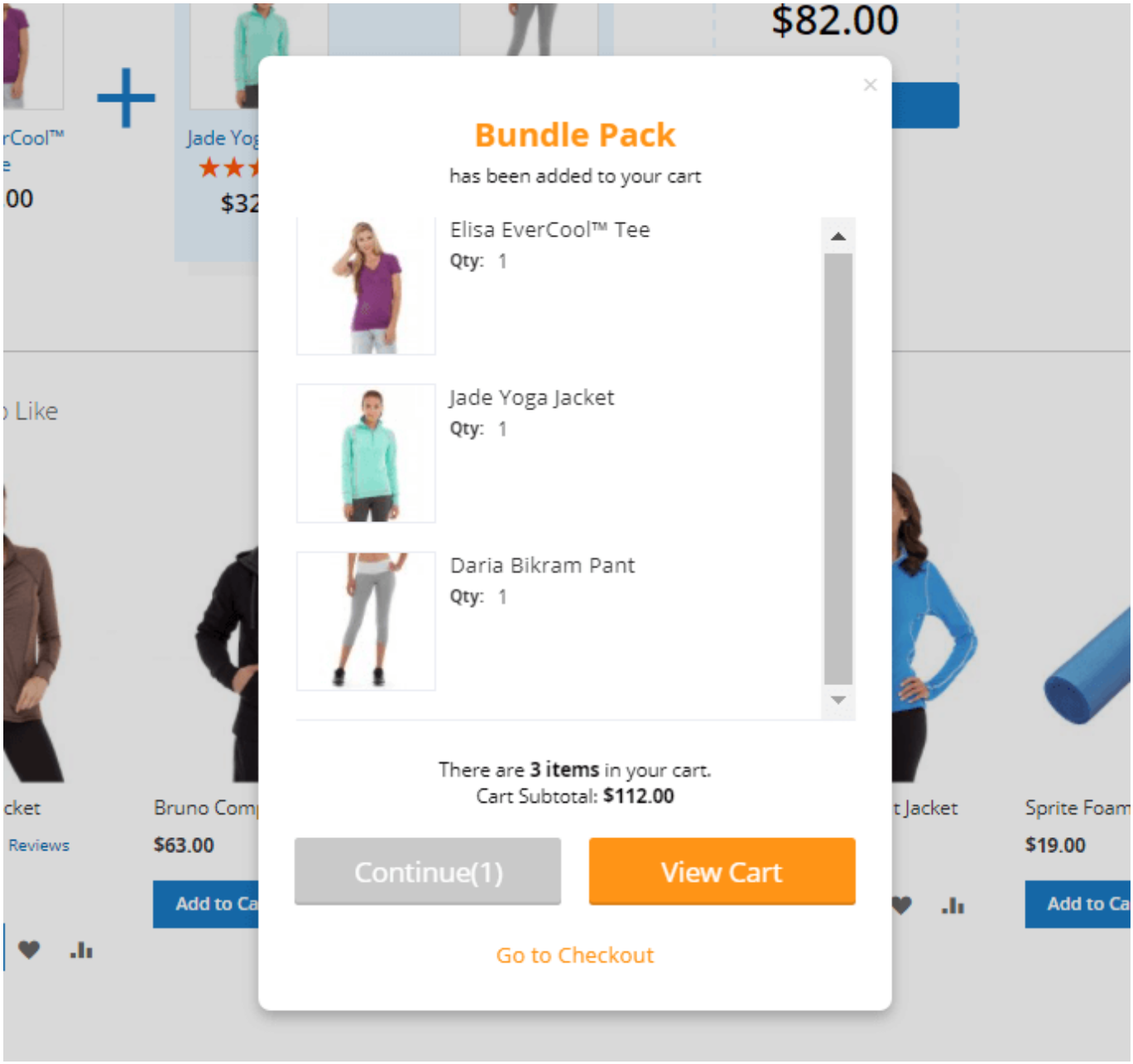
Add Bundle Packs Link to Top Menu - choose the position for a bundle packs link on the top menu.

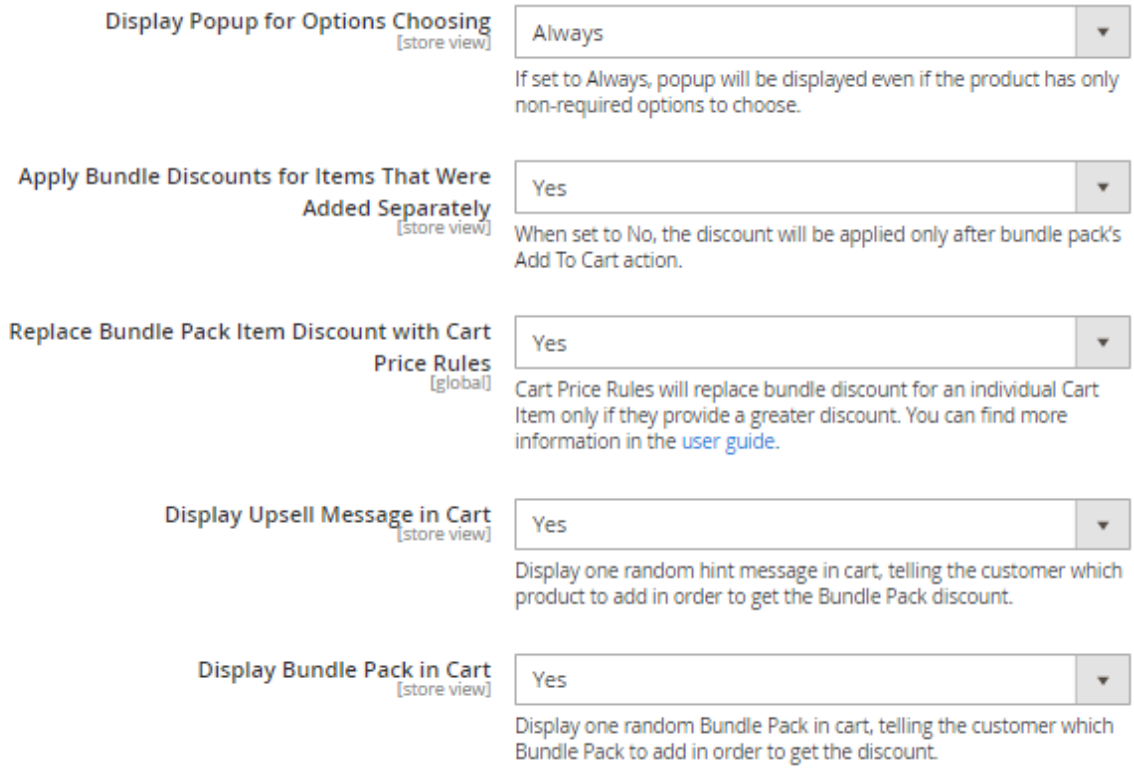
Bundle Packs Item Label - specify the bundle packs item label that will be used for a link in the top menu.

Bundle Pack Title in Confirmation Popup - Here you can specify the bundle pack title to be displayed in the confirmation popup (used in the top menu).

Please note that this option ('*Bundle Pack Title in Confirmation Popup*') becomes available only if the **AJAX Shopping Cart for Magento 2** extension by Amasty is enabled as well.

See the example of the popup:


$82.00
Bundle Pack
has been added to your cart
Elisa EverCool™ Tee
Qty: 1
Jade Yoga Jacket
Qty: 1
Daria Bikram Pant
Qty: 1
There are 3 items in your cart.
Cart Subtotal: $112.00
Continue(1)
View Cart
Go to Checkout
Like
Reviews
$63.00
$19.00



Display Popup for Options Choosing - Use this setting to configure the display of the popup for choosing custom product options.

The setting offers two ways of display:

- '*Only if Product has Required Options*' - choose this option to show the popup only if a product has any required options to be configured;
- '*Always*' - if set to '*Always*', the popup will be displayed even if the product has only non-required options to choose from.

Apply Bundle Discounts for Items That Were Added Separately -

- Set this setting to '*No*' if you want a discount to be applied to a certain combination of products bought in a format of the bundle only.
- Set this setting to '*Yes*' if you're okay if a customer accidentally gets a discount in case certain 2 or 3 products get to the shopping cart together without being added to the cart intentionally as a bundle.

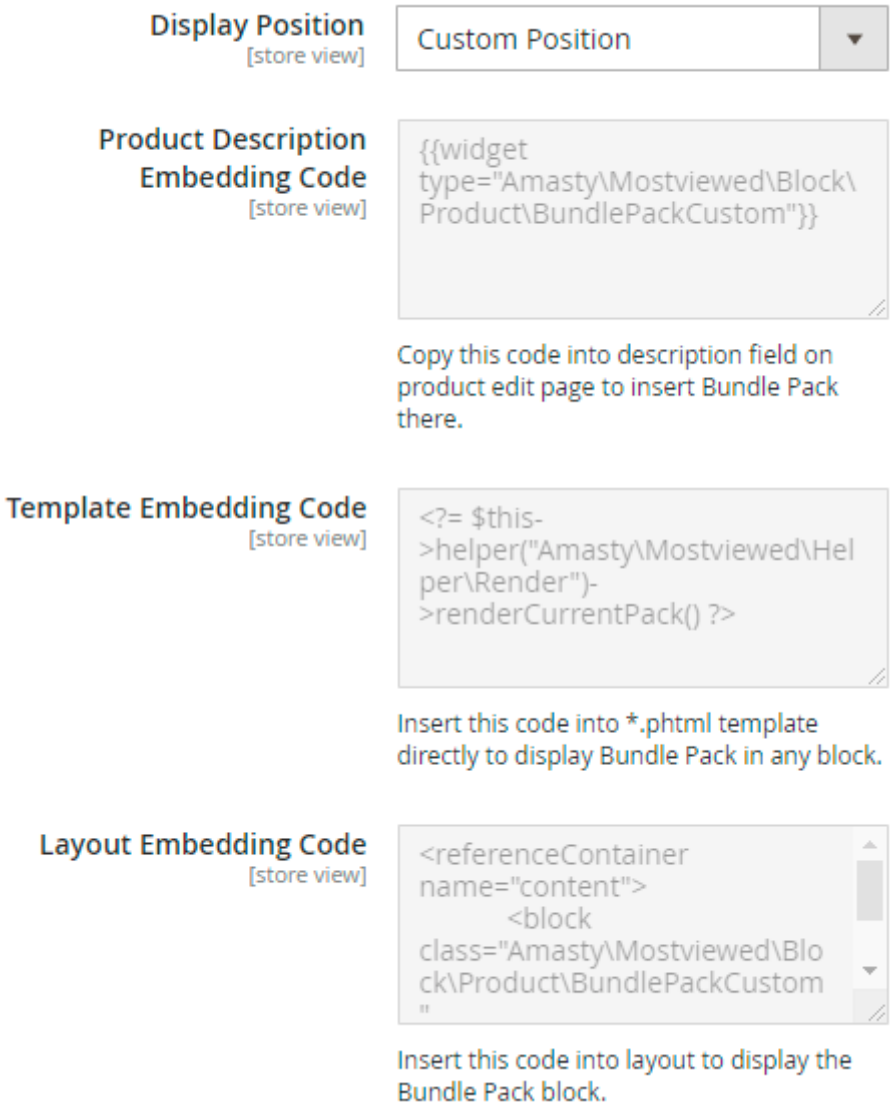
Replace Bundle Pack Item Discount with Cart Price Rules - set to 'Yes' if you want to replace a bundle item discount with a cart price rule discount. A cart price rule will replace bundle discount for a particular item only if it provides a greater discount.

Display Upsell Message in Cart - display one random hint message in a cart, telling a customer which products to add to get the Bundle Pack discount.

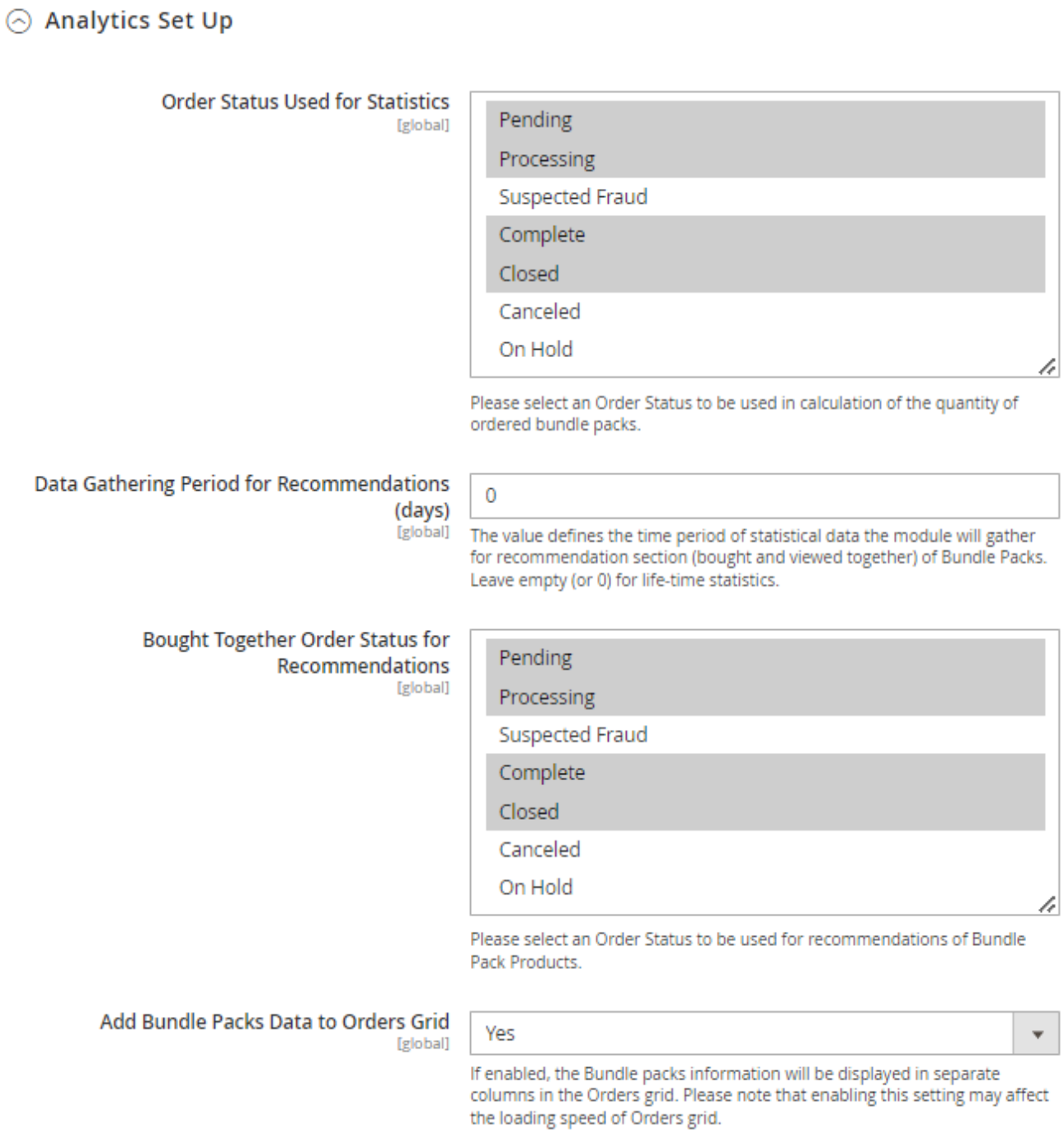
Display Bundle Pack in Cart - display one random Bundle Pack in a cart, telling a customer which Bundle Pack he can add to get a discount.

If you want to set a custom position for Bundle Pack Display, copy the necessary embedding code and

paste in a suitable position.



Analytics Set Up



Order Status Used for Statistics - Please select an Order Status to be used in the calculation of the quantity of ordered bundle packs.

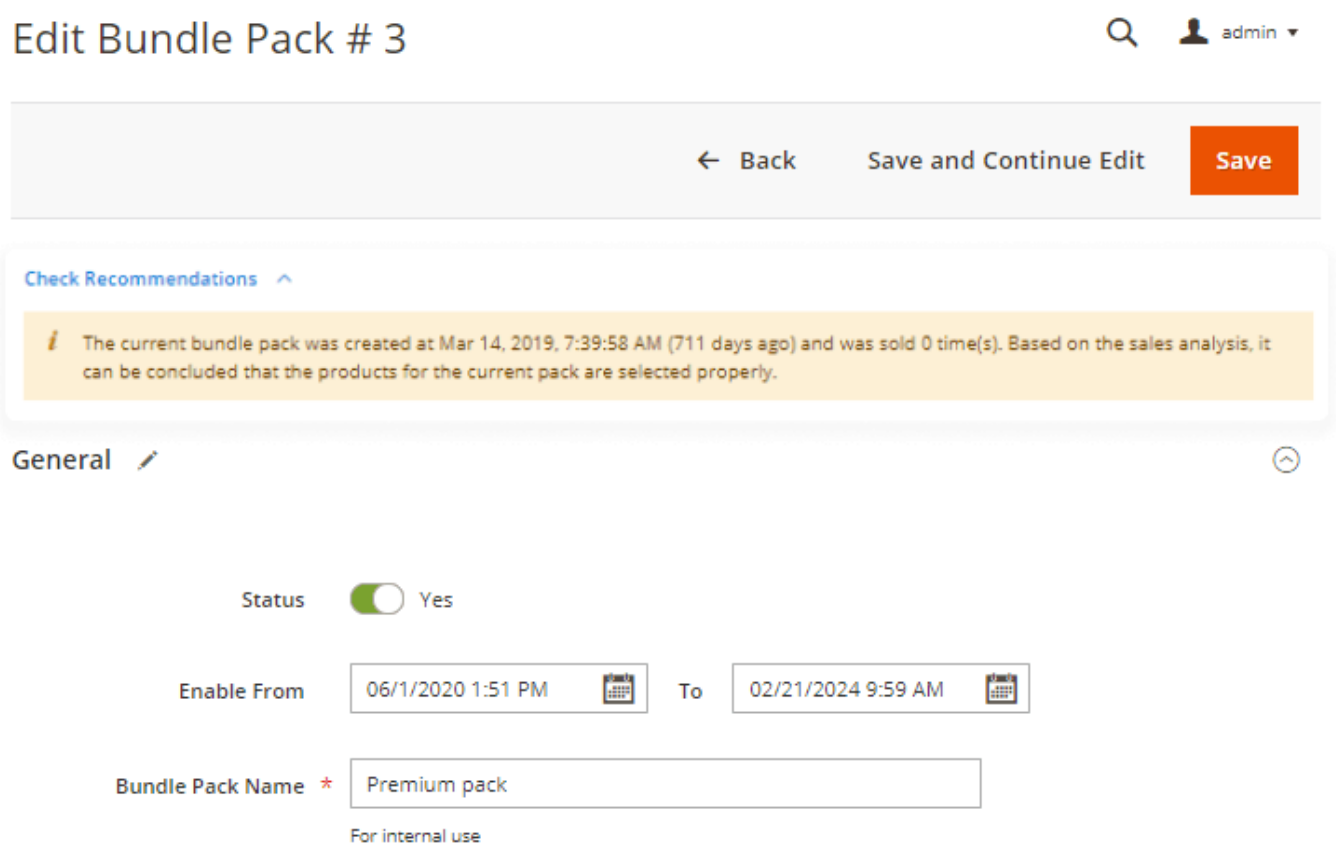
Data Gathering Period for Recommendations (days) - The value defines the time period of statistical data the module will gather for the recommendation section (bought and viewed together) of Bundle Packs. Leave empty (or 0) for lifetime statistics.

Bought Together Order Status for Recommendations - Please select an Order Status to be used for recommendations of Bundle Pack Products.

Analytics-based recommendations

The extension shows custom recommendations for every bundle pack you ever created based on its

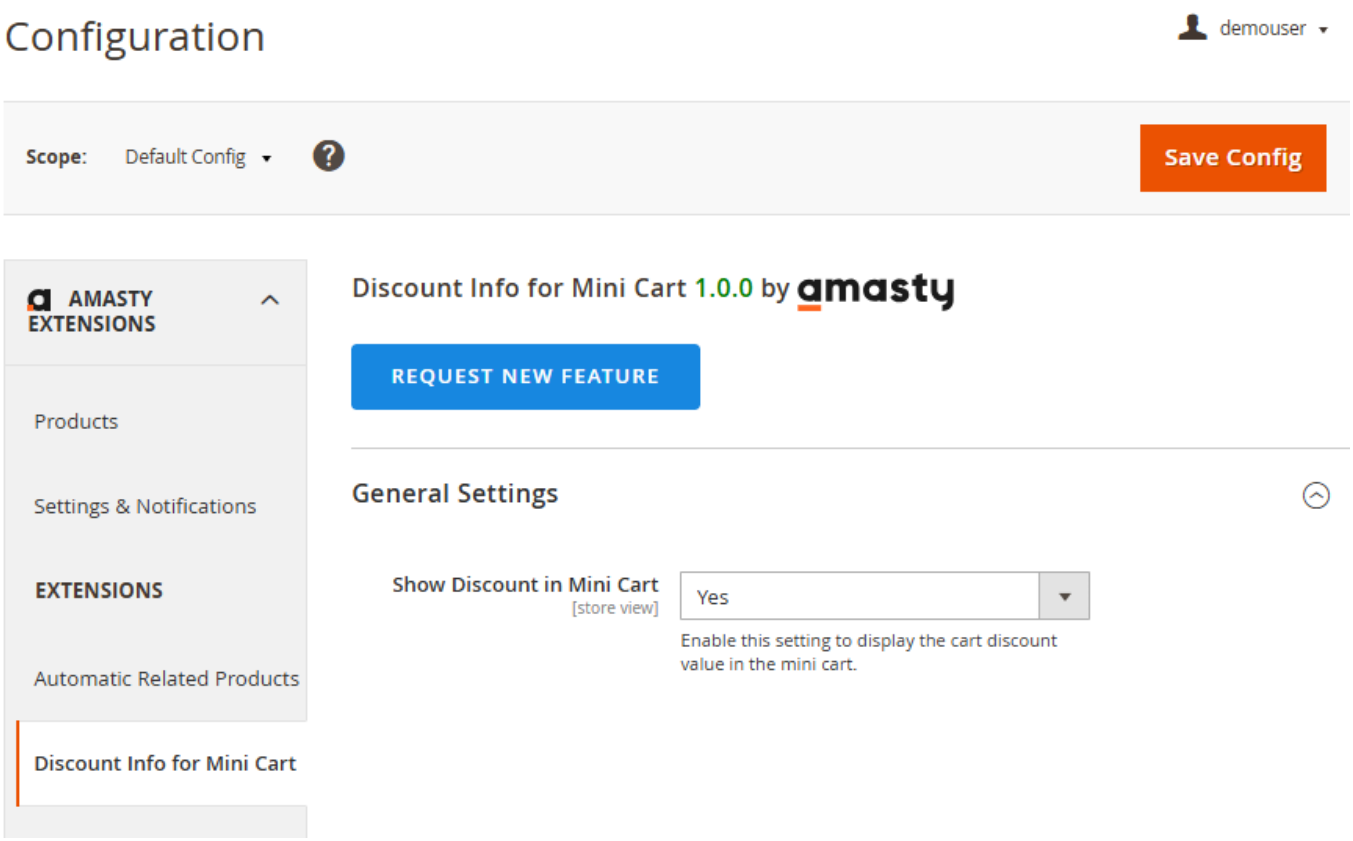
sales performance. Check the notice at the top of any bundle pack edit page (section '*Check Recommendations*') to see the recommendation.



Add Bundle Packs Data to Orders Grid - If enabled, the Bundle packs information will be displayed in separate columns in the Orders grid. Please note that enabling this setting may affect the loading speed of Orders grid.

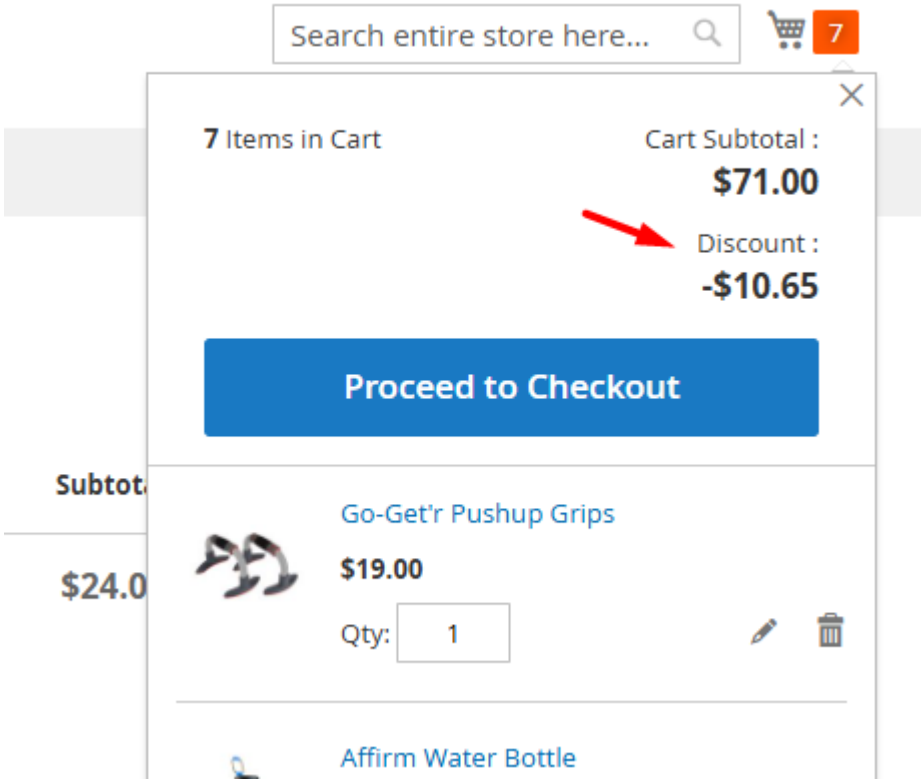
Discount in Mini Cart

With the extension, you can display the cart discounts in Mini cart (Note: this functionality is available as a part of an active product subscription or support subscription). To enable this feature, please go to **Stores → Configuration → Amasty Extensions → Discount Info for Mini Cart**.



Show Discount in Mini Cart - Enable this setting to display the cart discount value in the mini cart.

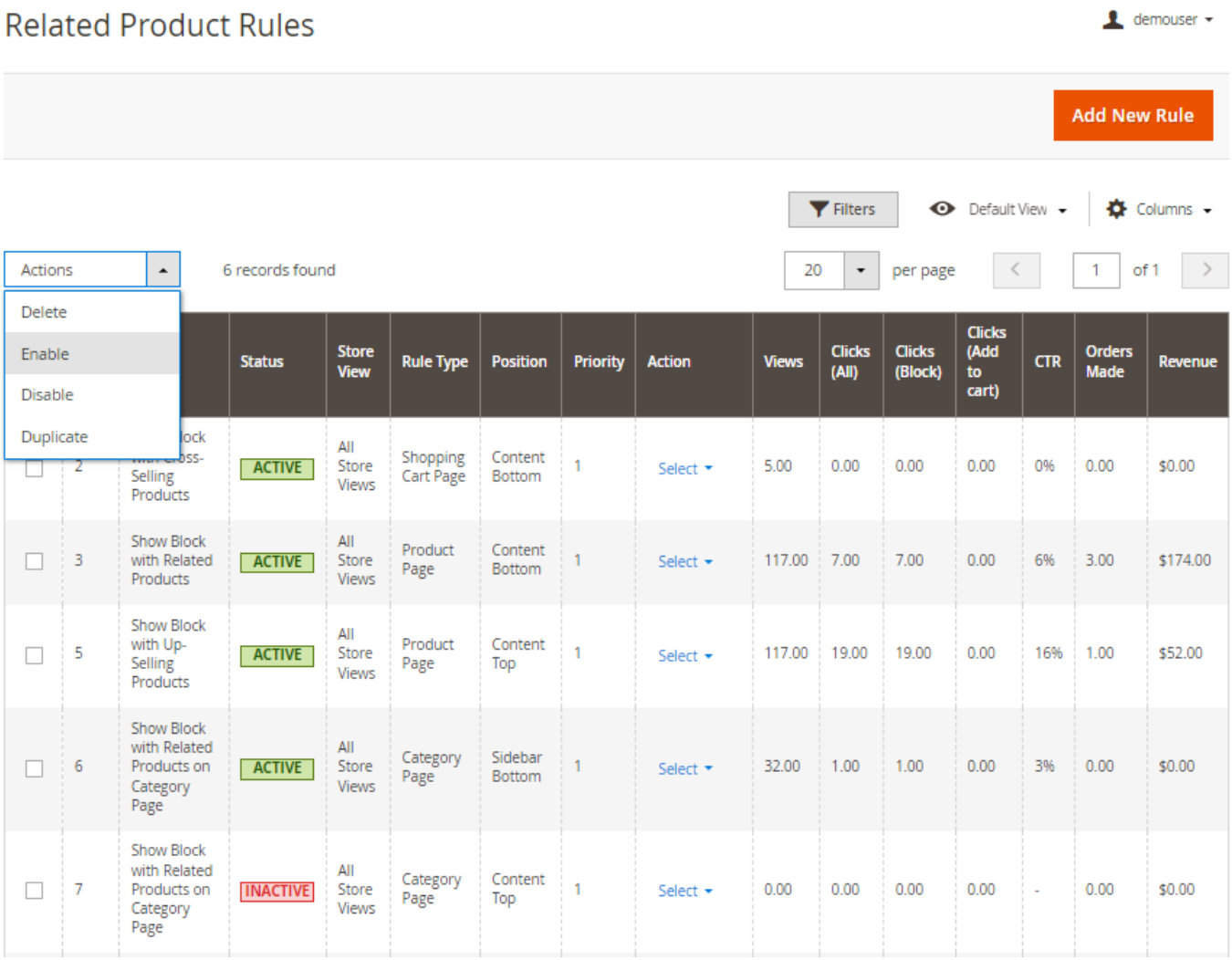
Here's an example of how this discount appears on the frontend:



Please note, that to enable the **Discount Info for Mini Cart** functionality with **Hyvä Theme**, you need to install the additional Hyvä Theme compatibility package – *amasty/module-mini-cart-discount-info-hyva*.

Related Product Rules

To create rules for linking products, please go to **Catalog → Amasty Related Products → Related Product Rules**.



			Status	Store View	Rule Type	Position	Priority	Action	Views	Clicks (All)	Clicks (Block)	Clicks (Add to cart)	CTR	Orders Made	Revenue
☐	2	ock with Cross-Selling Products	ACTIVE	All Store Views	Shopping Cart Page	Content Bottom	1	Select	5.00	0.00	0.00	0.00	0%	0.00	$0.00
☐	3	Show Block with Related Products	ACTIVE	All Store Views	Product Page	Content Bottom	1	Select	117.00	7.00	7.00	0.00	6%	3.00	$174.00
☐	5	Show Block with Up-Selling Products	ACTIVE	All Store Views	Product Page	Content Top	1	Select	117.00	19.00	19.00	0.00	16%	1.00	$52.00
☐	6	Show Block with Related Products on Category Page	ACTIVE	All Store Views	Category Page	Sidebar Bottom	1	Select	32.00	1.00	1.00	0.00	3%	0.00	$0.00
☐	7	Show Block with Related Products on Category Page	INACTIVE	All Store Views	Category Page	Content Top	1	Select	0.00	0.00	0.00	0.00	-	0.00	$0.00

On the product rules grid, you can see all existing rules for displaying related, up-sell and cross-sell items on different pages and in various positions in your store.

The rules are sorted by the **ID** and the **Name**. You can see the **Status** of each rule and change it right from the grid by clicking the necessary rule and setting the **Enable Rule** option to *Yes* or *No*.

All the rules are provided with the information about the **Store View**, **Rule Type**, its **Position** on the frontend. You can also check the **Priority** of each rule.

Only one rule can be applied in one position. If there are several rules, the rule with the highest priority will be executed.

Check the progress and effectiveness of each product block performance by tracking the number of **Views**, **Clicks**, **CTR**, **Orders Made** and the final **Revenue**.

When a related products block appears, it is counted as *Views*. When any product from the block is clicked, it is counted as *Clicks*. Firstly, all views are placed in a temporary table, and then the info is transferred to a permanent one via Cron jobs. After that, the temporary info is cleared.

Cronjob tasks:

```
amasty_mostviewed_analytics_collect_view
amasty_mostviewed_analytics_collect_click
amasty_mostviewed_analytics_clear_temp
```

Tables:

```
pref_mostviewed_view_temp - cleared
pref_mostviewed_click_temp - cleared
pref_mostviewed_analytics - contains data
```

Change the columns' position with a handy drag-and-drop function.

The dropdown menu allows to **Delete**, **Enable**, **Disable**, **Duplicate** or **Edit** each rule or several rules in one click.

It is possible to handle **CRUD actions** on Automatic Related Products rules **via REST API**. The following actions are supported:

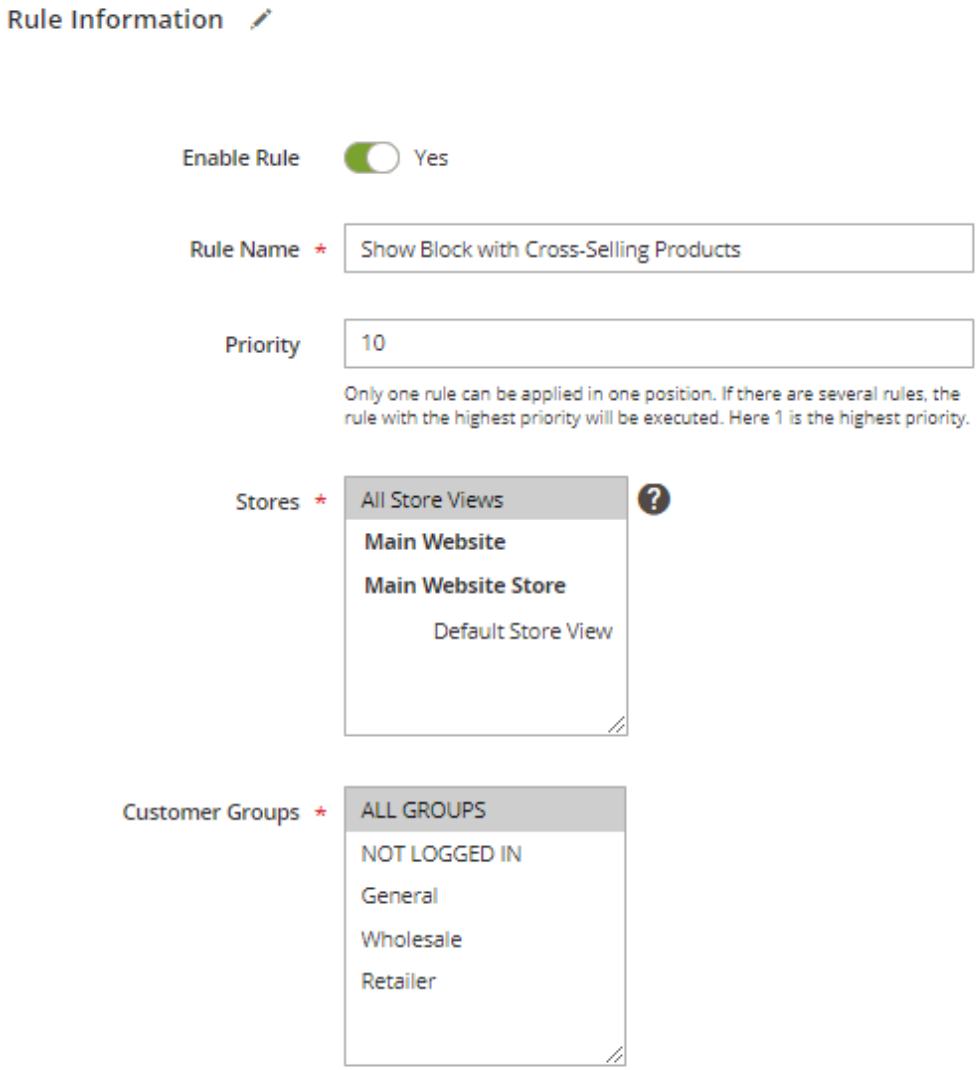
- /V1/amasty_mostviewed/rules, POST method
- /V1/amasty_mostviewed/rules/:groupId, PUT method
- /V1/amasty_mostviewed/rules/:groupId, DELETE method
- /V1/amasty_mostviewed/rules/:groupId, GET method
- /V1/amasty_mostviewed/rules, GET method

How to create Magento 2 related products rules for linking products? Our Magento 2 Related Products extension will help you to do it easily.

Magento 2 Automatic Related Products plugin is designed to analyze the interests of online shoppers to display the relevant related products table for them. It is possible because of a smart personalized system of autosuggestions that uses rules based on product conditions and helps to offer customers only those goods that are more likely to be additionally purchased.

Check the video guide to learn how to create a new related product rule step-by-step

To create a new algorithm for displaying relevant products automatically, click **Add New Rule** button and expand the **Rule Information** tab.



Enable Rule - set to *Yes* to activate the rule.

Rule Name - create the rule title that will be displayed on your backend settings so that you could easily manage it from the grid.

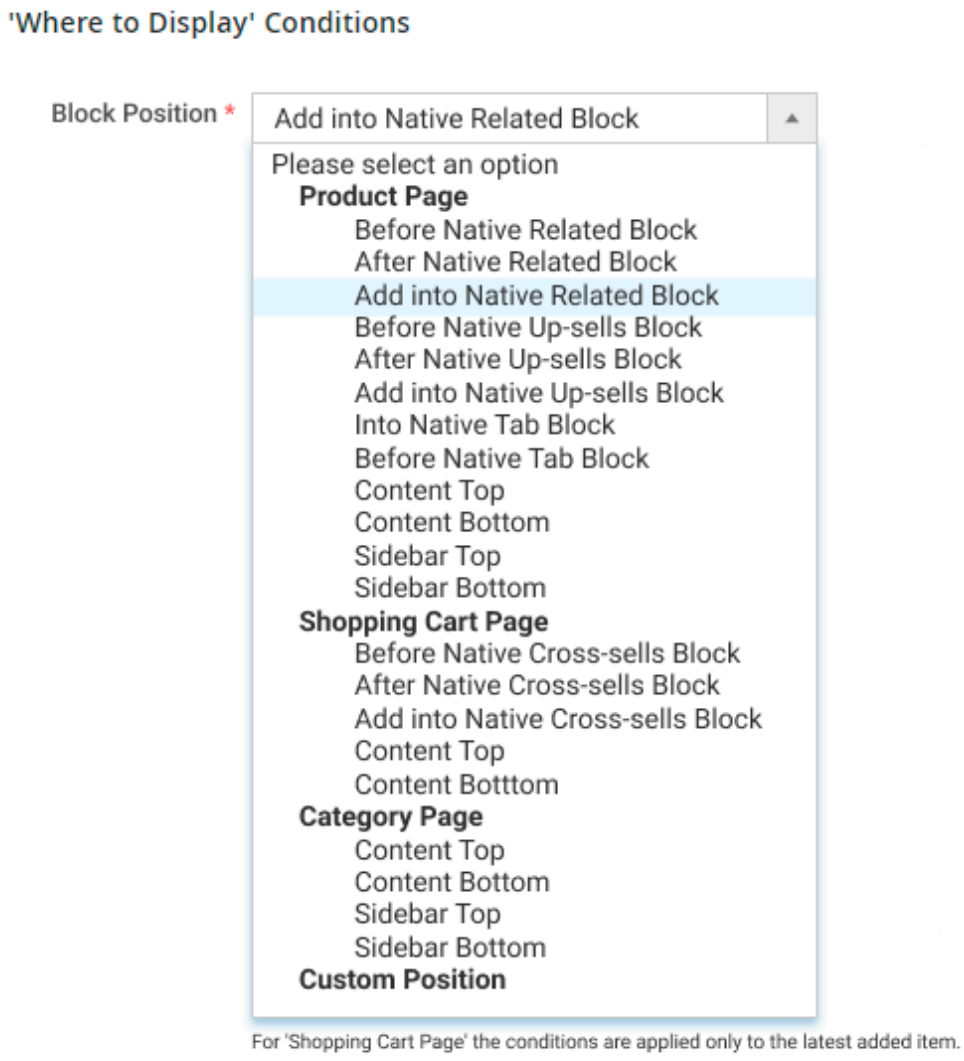
Priority - only one rule can be applied in one position, but if some products fall under several rules, the extension will execute the rule with the highest priority. Here 1 is the highest priority.

Stores - set up products display according to the particular store.

Customer Groups - specify particular customer groups for which the block will be visible or just select the '*ALL GROUPS*' option to enable applying the rule for all groups.

Recommend products on various pages

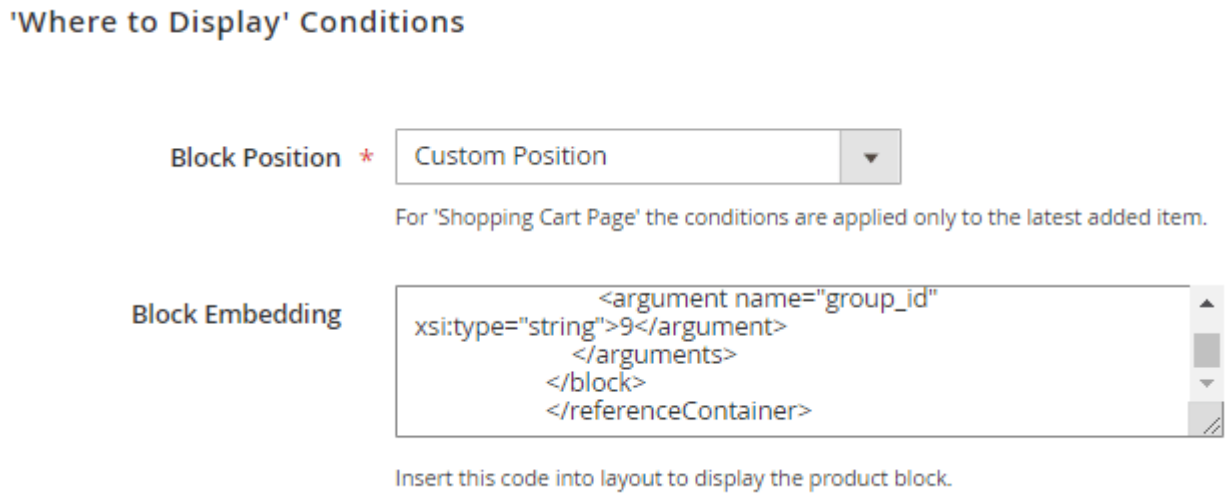
Go to the **'Where to Display' Conditions** tab.



Block Position - customize the location for your related products block. Choose its position on the

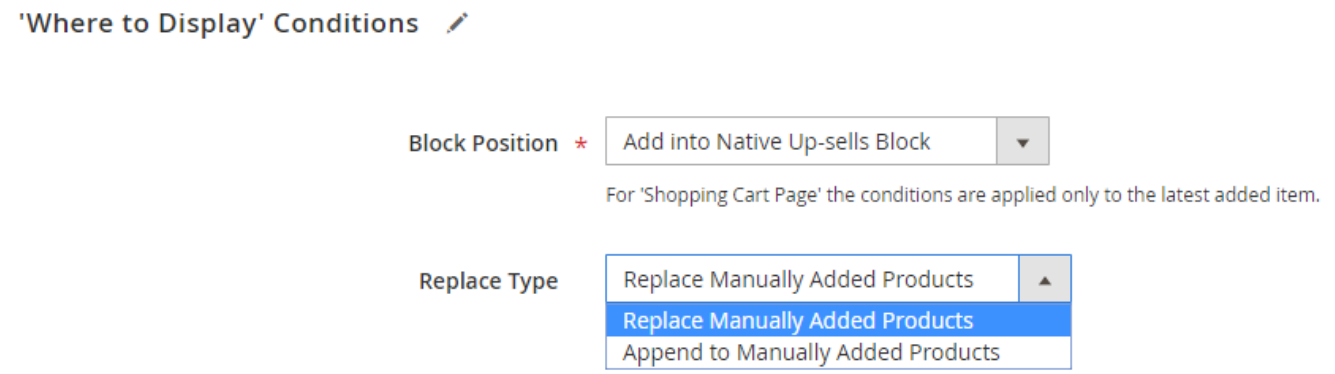
Product Page, **Shopping Cart Page** or **Category Page**.

You may also configure a **Custom Position** for the block with related products. This option provides a custom code to be inserted into layout. Thus you can place the block anywhere on your website. To use the option create a New Rule, choose 'Custom Position' in Block Position window and save the rule. A custom code will appear in the 'Block Embedding' window. Copy the code to the xml file with needed page layout (commonly xml files are located here: ***your_magento_instance_folder*/design/layout/catalog_product_view.xml** Use before/after tags to indicate the exact position of the widget. You may also add the code to any product or category page by inserting it into the 'Layout Update XML' window in Design section.



For 'Shopping Cart Page' the conditions are applied only to the latest added item.

If **Add into Native Up-sells Block** on a product page or **Add into Native Cross-sells Block** on a shopping cart page is chosen, you will have an option to specify the **Replace Type**.

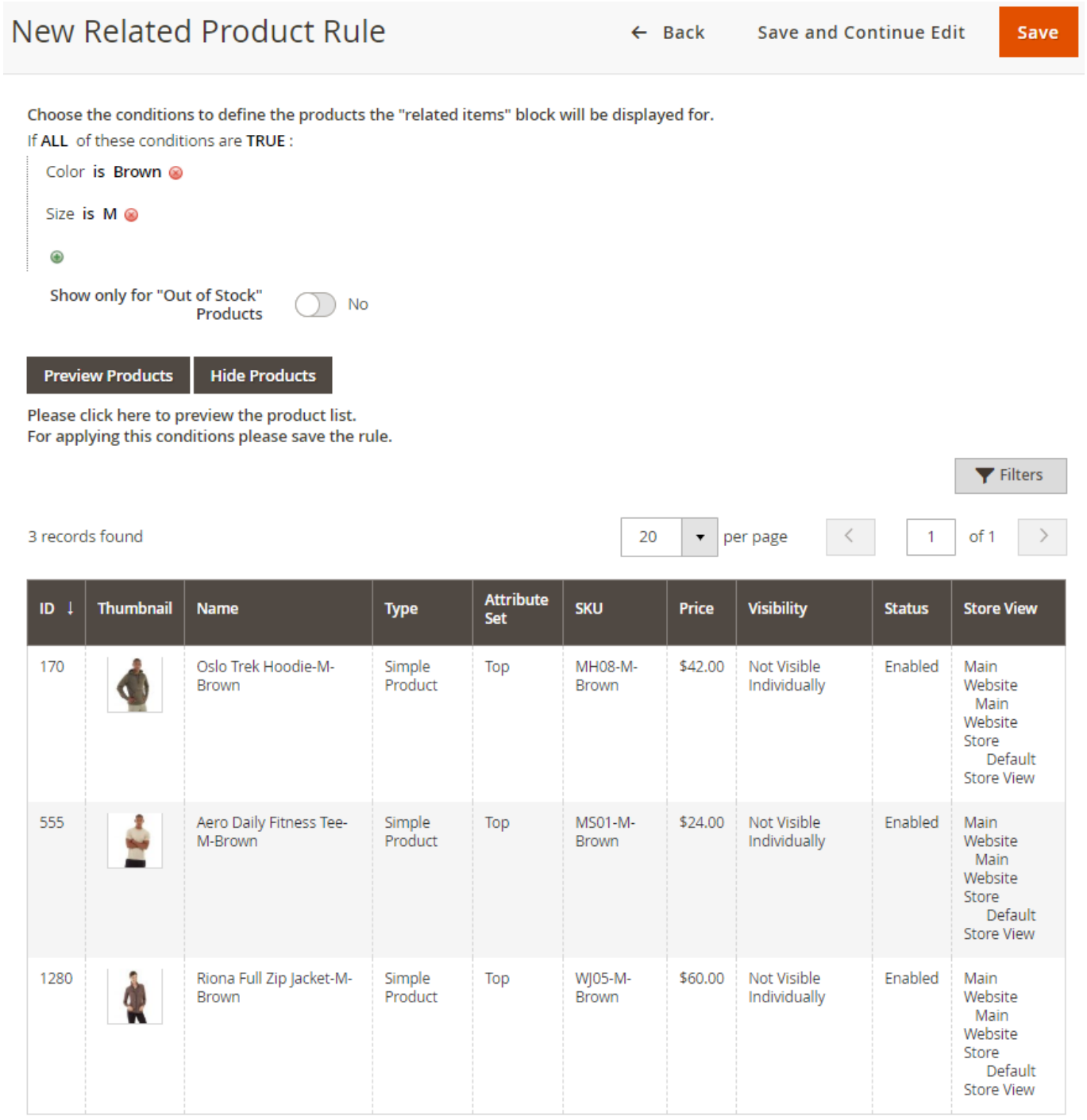


The extension matches related products automatically. However, you can not only **replace** manually added products, but also **append** to them.

See how to add related products manually here.

After specifying the position, choose the **conditions** to define the products the “related items” block

will be displayed according to color, size, price, category, etc. You can use the combination of the attributes if needed.



The extension is compatible with **Amasty Improved Sorting** extension. Therefore, having this module installed, you can use bestsellers data in related block product conditions in the **'Where to Display Conditions'** tab and in the **'Products to Display'** tab.

Show only for ‘Out of Stock’ Products - enable this option to display related products block for ‘out of stock’ products and provide customers with the items they can purchase.

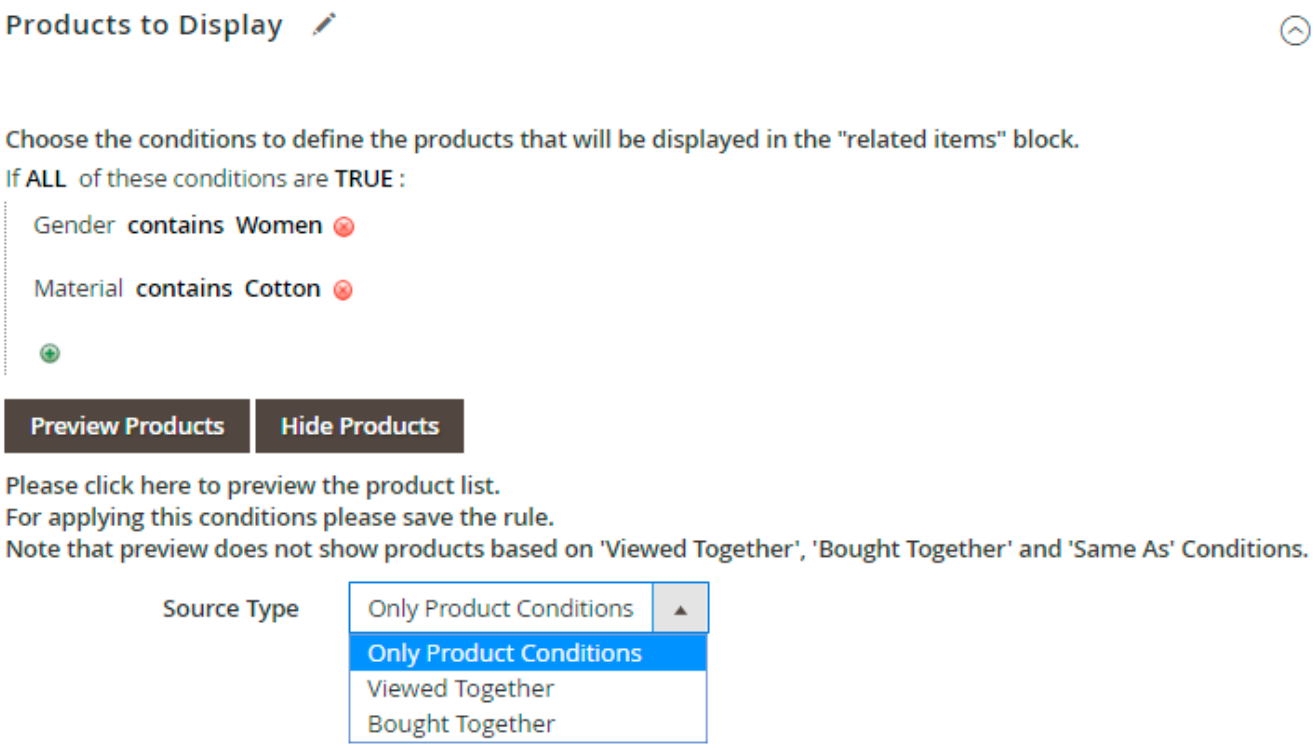
Check the products that fall under the conditions created by clicking the **Preview Products** button.

You can see the Thumbnail, the **Name**, the **Type** and other additional information about each product. Use handy filters to find necessary products according to the name, type, price, status, visibility, etc.

If you are not satisfied with the list of products, change the conditions and hit the Preview Products button again.

Choose products to display

To sort the items that will be shown at the related products block, expand the **Products to Display** tab.



Conditions - select the attributes according to which the products will be shown.

Click **Preview Products** to check the products list if needed.

Note that preview does not show products based on frontend variable parameters: 'Viewed Together', 'Bought Together', 'Same As' and 'Current category only' Conditions.

If you want to show related products block on a product page, specify the *Source Type*.

Source Type - choose the way for related products to be assorted.

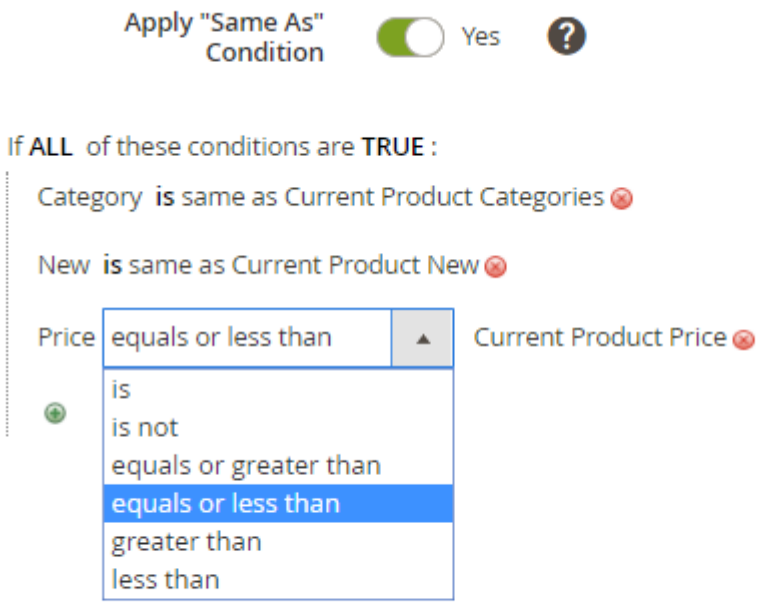
Only Product Conditions - choose this source type to display the items that fall under the conditions specified.

Viewed Together - enable this type to let the system show the products according to the history of views based on the statistical data.

Please enable 'Product View' report at the **Configuration → General → Reports** for the 'Viewed Together' data source works properly.
Please note that updates to the '**Viewed Together Products**' block may not immediately appear on the storefront. This block is automatically **refreshed every hour through a Cron job**.

If records for the 'Viewed Together Products' block already exist in the 'amasty_mostviewed_product_viewed_index' index table, those products are displayed on the storefront. However, if there are new or different products that should appear in the 'Viewed Together' block but are not yet included in the index table after an update, they will not be immediately visible on the storefront. This delay occurs because the 'amasty_mostviewed_build_together_index' Cron job runs once an hour. Therefore, the 'Viewed Together Products' block will automatically update shortly after the next Cron job execution.

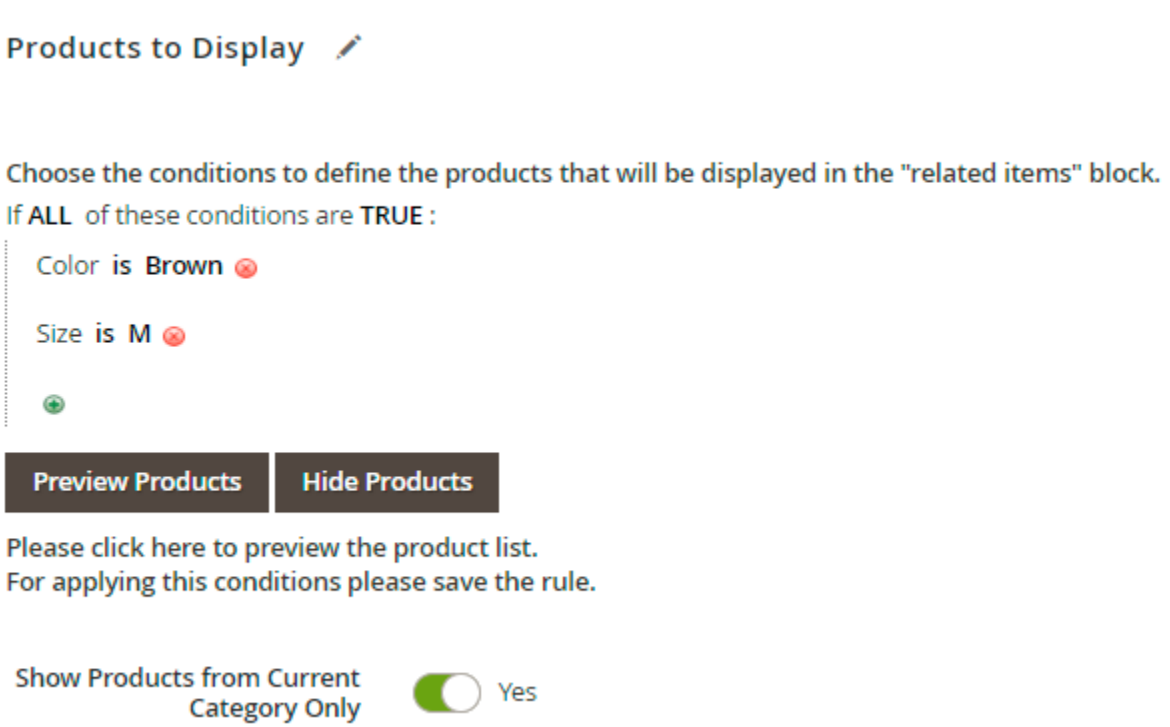
Bought Together - this type displays products according to the statistical data of purchases.



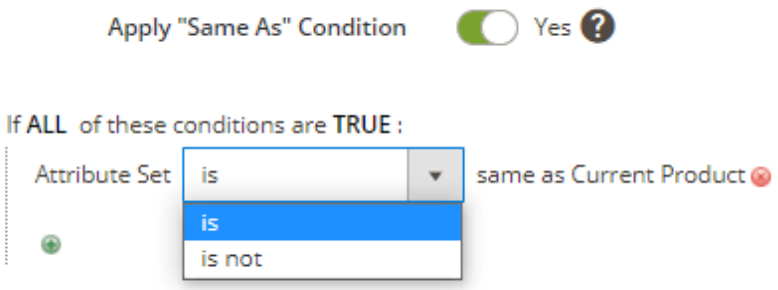
Apply “Same As” Condition - enable this option to select products by the same attribute value to display in the block.

For ‘same as’ condition you can set any attribute value: category, material, size, color, price and etc. For example, you can choose how to show products: display from any category or only from the same category with the selected item. The price is also variable.

If you would like to show related items on a category page, you also may enable the option to display the products from the current category only.

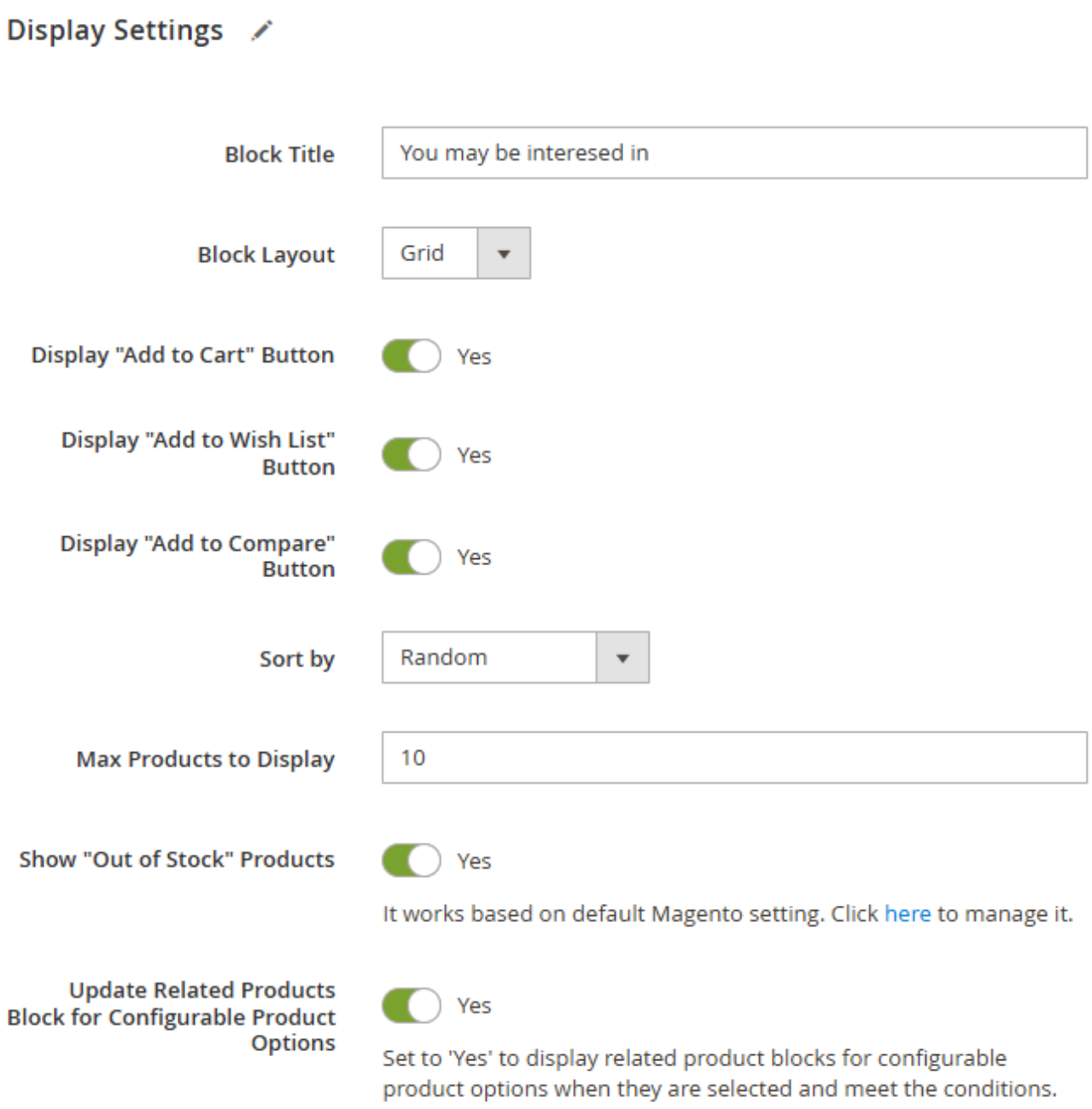


Please note that it is possible to use both **'is'** and **'is not'** configurations for the '*same as*' condition.



Display settings

To customize the related products block according to your needs, go to the **Display Settings** tab.



Block Title - add a custom title to capture customers' attention.

Block Layout - choose the style of the block: grid or slider.

Display “Add to Cart” Button - enable this option to let your customers add products to the cart right from the block.

Display “Add to Wish List” Button - set to 'Yes' to allow customers to add products to their wish lists.

Display “Add to Compare” Button - enable this option to let your store visitors add products to comparison.

Sort by - define the way to display the products: sort them by name, price, newest or leave it

random.

Get **Amasty Improved Sorting** extension to enable additional sorting methods: by Best Seller, Most Viewed, Reviews Count and Top Rated.

Max Products to Display - specify the suitable for your website max number of products displayed in a product block.

Show “Out of Stock” Products - exclude out-of-stock items from displaying to provide your customers with the products they can purchase immediately.

Update Related Products Block for Configurable Product Options - Set to 'Yes' to display related product blocks for configurable product options when they are selected and meet the conditions. Note, that this functionality is available as part of an active product subscription or support subscription and only if the “Apply 'Same As' Condition” option is enabled. Here are some specifics of this feature:

- If no matches are found for child products, the related items block for the parent product will be displayed instead.
- If the rule conditions yield no matches for the parent product, no related items will be displayed for the child product either.

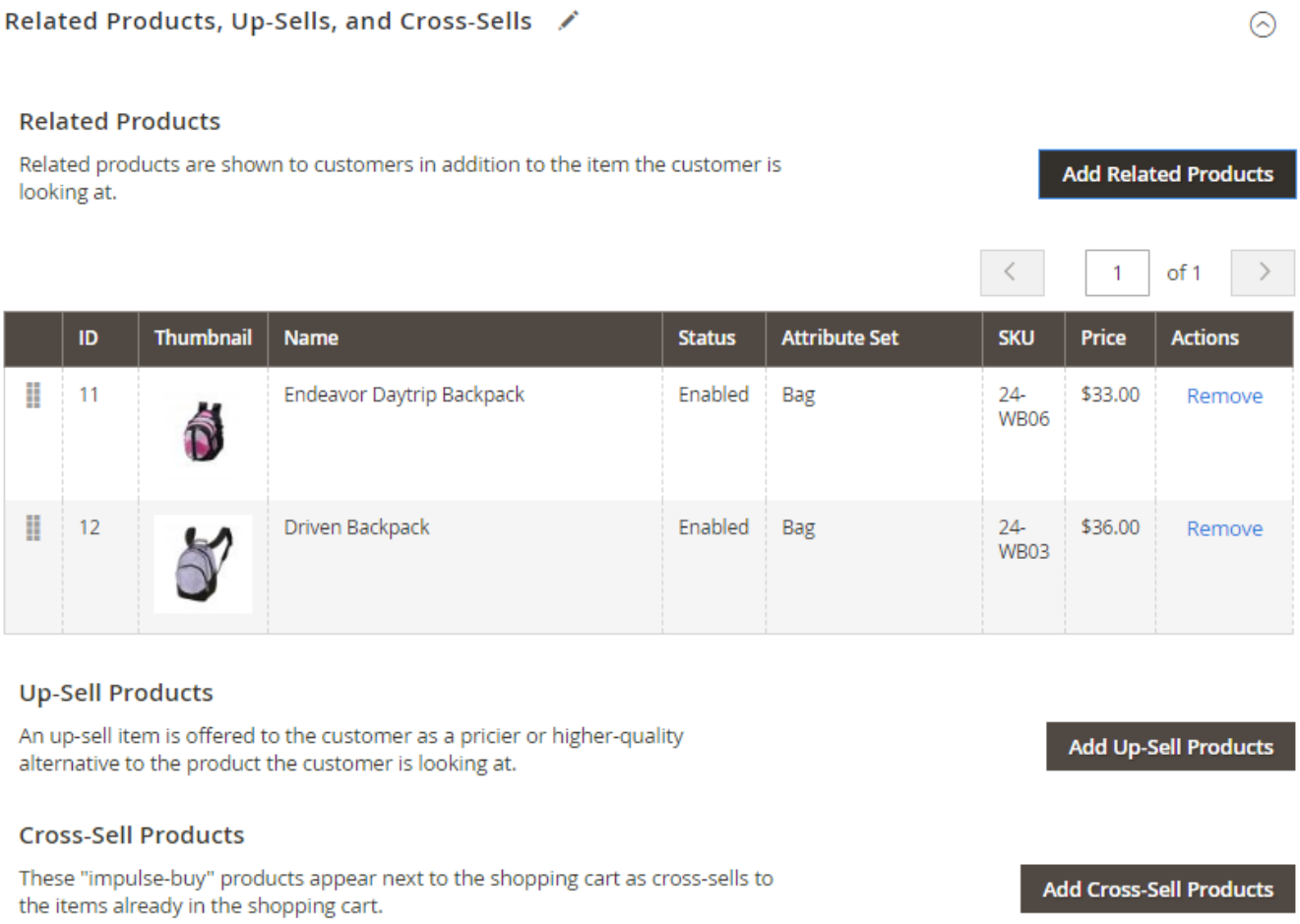
The extension is compatible with **read-only GraphQL**. It allows to expose product data like SKU, name, link, image, price etc. in order to build PWA/JS based frontend.

Replace Items Manually

According to the rules, the extension matches related products automatically. However, you can replace or add related items manually in each product block.

Go to the **Catalog → Products**.

Choose the product needed and expand the **Related Products**, **Up-Sells**, and **Cross-Sells tab**.



To add items to the necessary category, click the **Add Related/Up-Sell/Cross-Sell Products** button.

Choose the items and hit the **Add Selected Products** button.

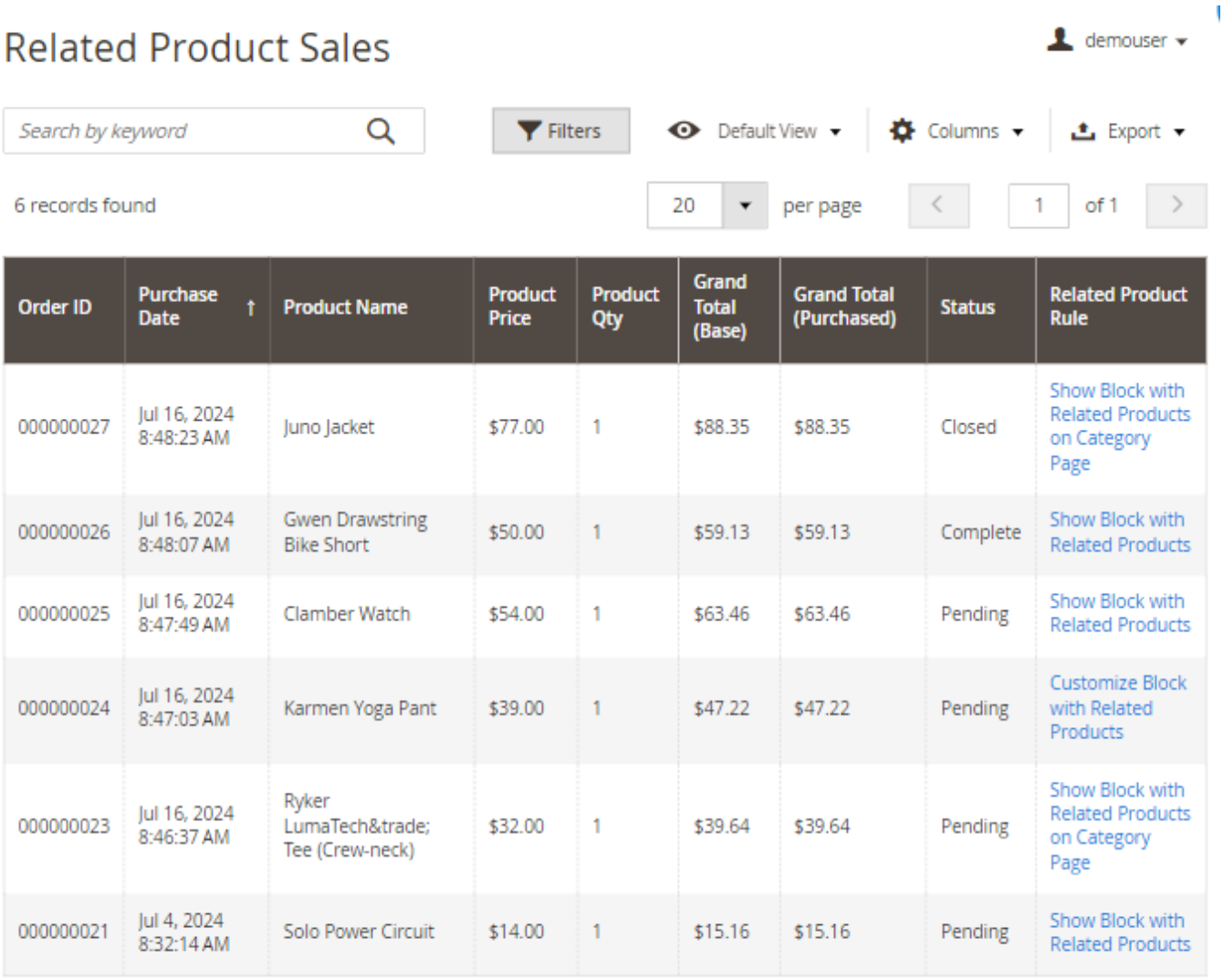
On the preview grid you may see the information about the products: the thumbnail, the name, active status and attribute set, SKU, price.

Also, you can **Remove** them in one click if needed.

Related Product Sales Report

You can analyze the performance of the rules in a separate report.

To view the report, navigate to **Reports → Amasty Related Products → Related Product Sales**.



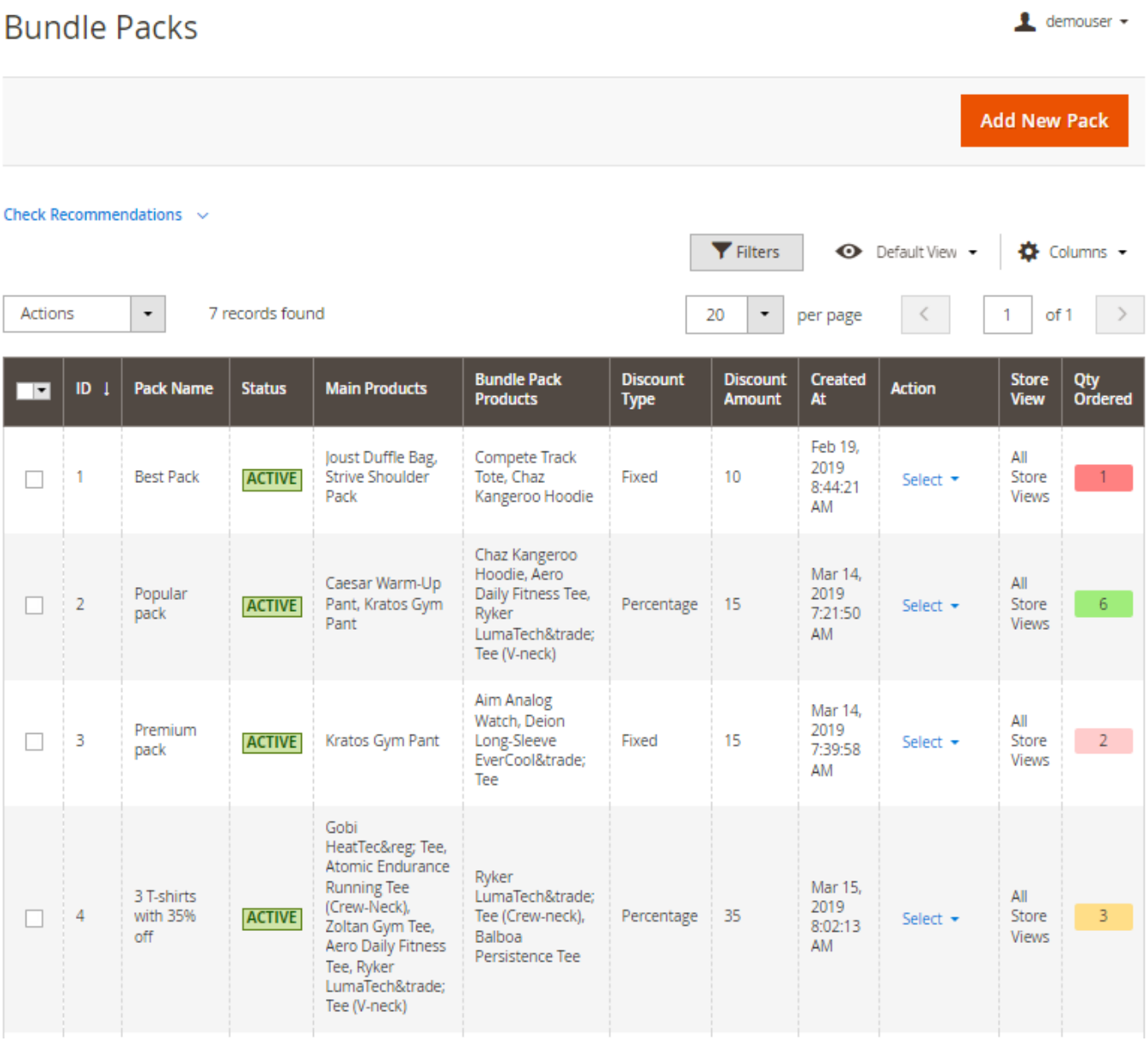
Order ID	Purchase Date	Product Name	Product Price	Product Qty	Grand Total (Base)	Grand Total (Purchased)	Status	Related Product Rule
000000027	Jul 16, 2024 8:48:23 AM	Juno Jacket	$77.00	1	$88.35	$88.35	Closed	Show Block with Related Products on Category Page
000000026	Jul 16, 2024 8:48:07 AM	Gwen Drawstring Bike Short	$50.00	1	$59.13	$59.13	Complete	Show Block with Related Products
000000025	Jul 16, 2024 8:47:49 AM	Clamber Watch	$54.00	1	$63.46	$63.46	Pending	Show Block with Related Products
000000024	Jul 16, 2024 8:47:03 AM	Karmen Yoga Pant	$39.00	1	$47.22	$47.22	Pending	Customize Block with Related Products
000000023	Jul 16, 2024 8:46:37 AM	Ryker LumaTech™ Tee (Crew-neck)	$32.00	1	$39.64	$39.64	Pending	Show Block with Related Products on Category Page
000000021	Jul 4, 2024 8:32:14 AM	Solo Power Circuit	$14.00	1	$15.16	$15.16	Pending	Show Block with Related Products

Here, you can:

- view detailed information about purchases made from the Related Products block;
- analyze the effectiveness of the rules;
- calculate revenue generated from related product offerings;
- use filters to find specific rules, products, or orders;
- sort information by any parameter;
- export data.

Bundle Packs

To configure and manage product bundle packs, please, go to **Catalog → Bundle Packs**.



ID	Pack Name	Status	Main Products	Bundle Pack Products	Discount Type	Discount Amount	Created At	Action	Store View	Qty Ordered
1	Best Pack	ACTIVE	Joust Duffle Bag, Strive Shoulder Pack	Compete Track Tote, Chaz Kangeroo Hoodie	Fixed	10	Feb 19, 2019 8:44:21 AM	Select	All Store Views	1
2	Popular pack	ACTIVE	Caesar Warm-Up Pant, Kratos Gym Pant	Chaz Kangeroo Hoodie, Aero Daily Fitness Tee, Ryker LumaTech™ Tee (V-neck)	Percentage	15	Mar 14, 2019 7:21:50 AM	Select	All Store Views	6
3	Premium pack	ACTIVE	Kratos Gym Pant	Aim Analog Watch, Deion Long-Sleeve EverCool™ Tee	Fixed	15	Mar 14, 2019 7:39:58 AM	Select	All Store Views	2
4	3 T-shirts with 35% off	ACTIVE	Gobi HeatTec® Tee, Atomic Endurance Running Tee (Crew-Neck), Zoltan Gym Tee, Aero Daily Fitness Tee, Ryker LumaTech™ Tee (V-neck)	Ryker LumaTech™ Tee (Crew-neck), Balboa Persistence Tee	Percentage	35	Mar 15, 2019 8:02:13 AM	Select	All Store Views	3

Here, you can do the following:

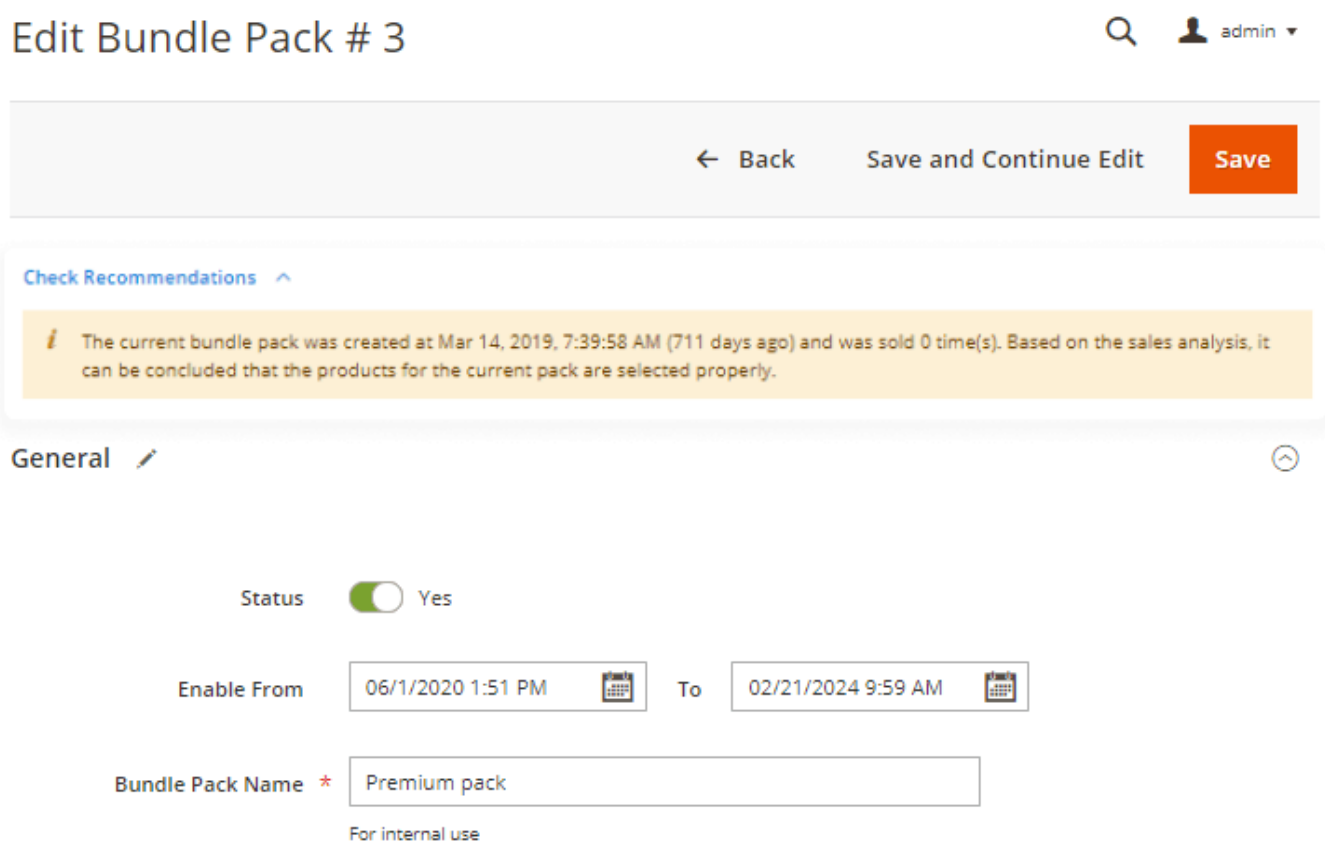
- easily manage all existing bundle packs (add new/delete, enable/disable and duplicate existing);
- get the necessary information on each of them (including Main and Bundle Pack Products included, Discount Amount and Discount Type, the date of creation, etc.);
- check the statistics and analyze the bundle packs' sales (Qty ordered) to get valuable insights and improve their performance;
- check the general recommendations upon the specific bundle packs and follow hyperlinks leading to packs to enhance their performance in accordance with the recommendations.

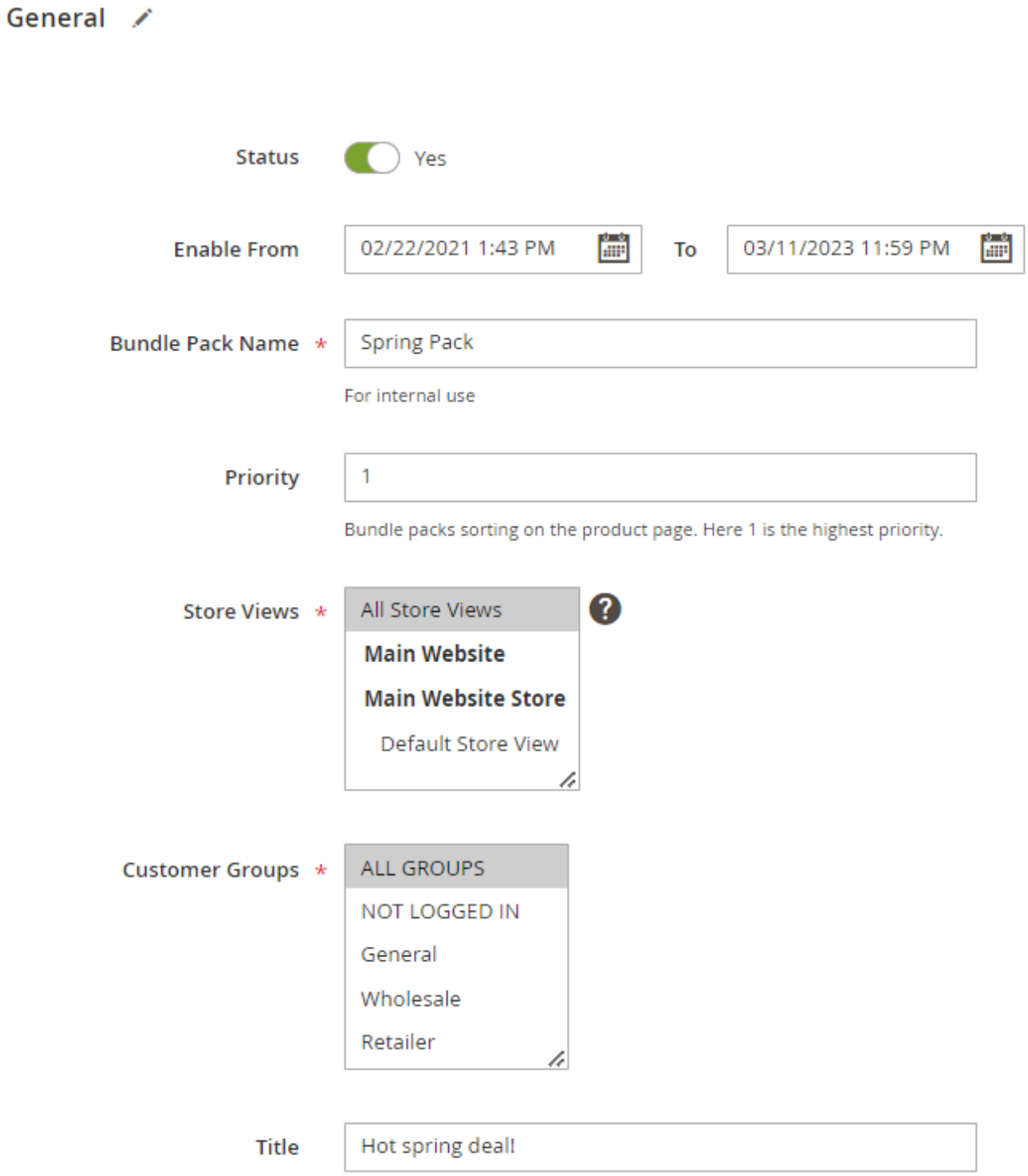
Create New Bundle Pack

To create a new bundle pack, please, go to **Catalog → Bundle Packs → Add New Pack** button.

Analytics-based recommendations

The extension shows custom recommendations for every bundle pack you ever created based on its sales performance. Check the notice at the top of any bundle pack edit page (section '*Check Recommendations*') to see the recommendation.





Status - set to **Yes** to make the bundle pack active.

Enable From - specify the period during which the bundle pack will be active. The bundle will be automatically enabled and disabled on the specified date and time.

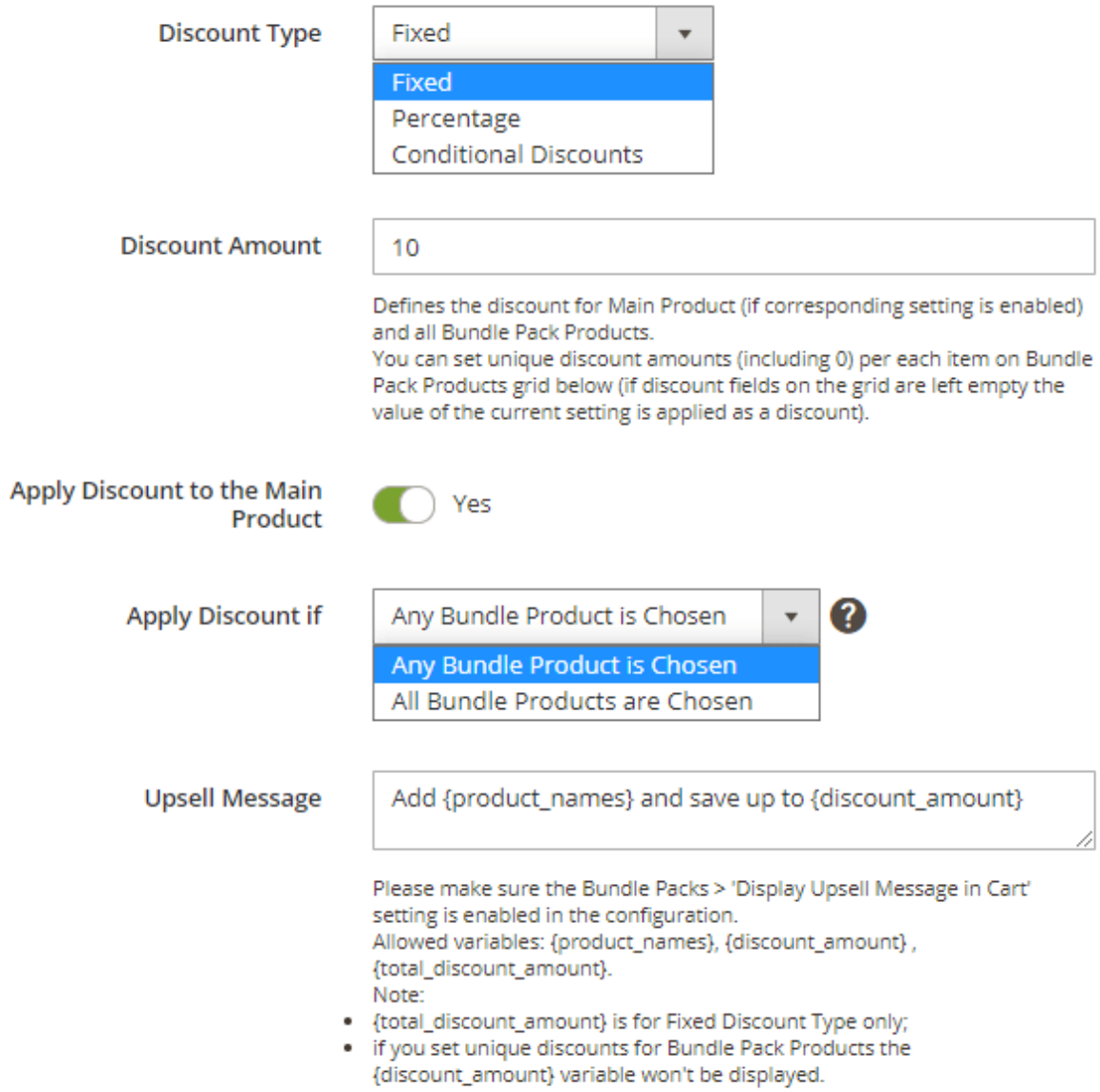
Bundle Pack Name - define the name of a bundle pack (for internal use only).

Priority - set bundle pack order on the product page. Here 1 is the highest priority.

Store Views - choose the store views to show a bundle pack for.

Customer Groups - select customers groups to show a bundle pack for.

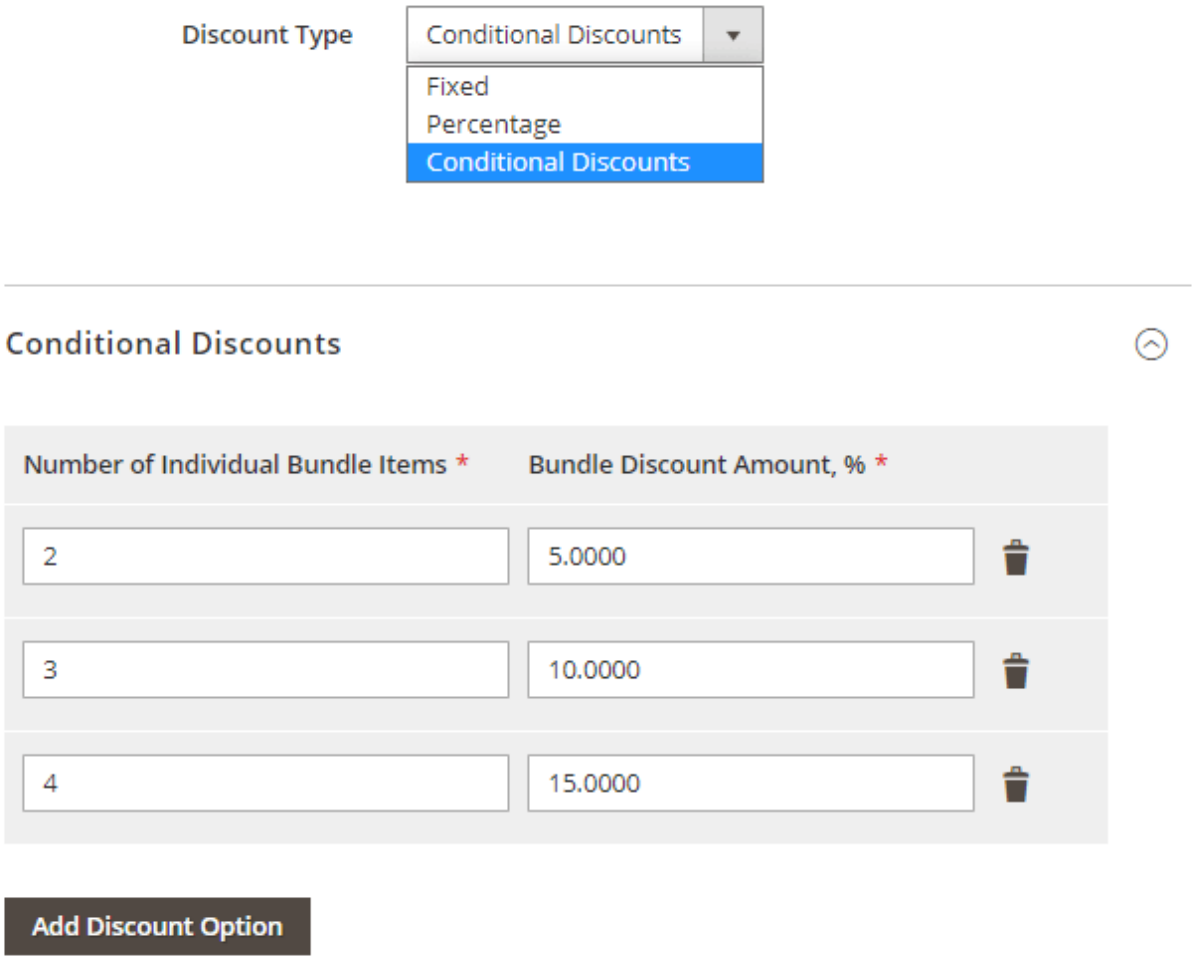
Title - specify the bundle pack title that will be displayed on the products page.



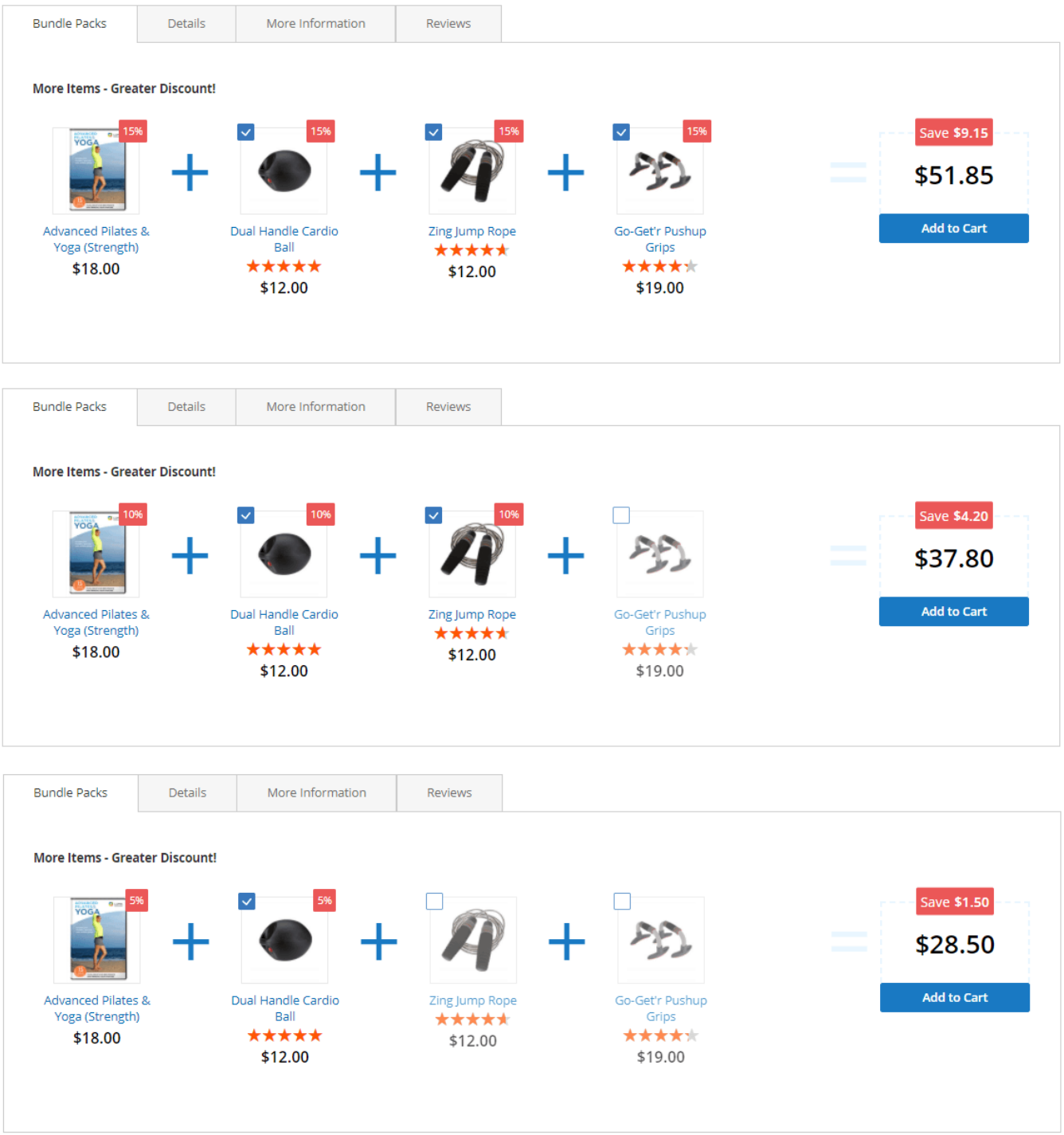
Discount Type - three discount types are available, please choose one of them from the dropdown:

Fixed - set 'Fixed' type of the discount to apply a discount like '$10', i.e. the fixed sum of money;
Percentage - set 'Percentage' type of the discount to apply a discount like 10% from the final price of the bundle pack, which means that the actual discount amount will vary from bundle to bundle;
Conditional Discounts - choose this option if you want to configure a differentiated discount depending on how many products are added to the cart.

Please note that the options '*Discount Amount*', '*Apply Discount if*' and the '*Upsell Message*' won't be available if you choose the '*Conditional Discounts*' type. But there becomes available a new tab ('*Conditional Discounts*') for further configurations of the conditional discounts.



You can set a certain discount amount depending on how many products have been added to the shopping cart and thus encourage the site visitors to purchase more.



These 4 settings below are available only if you have chosen **Fixed** or **Percentage** discount type.

Discount Amount - specify the discount amount.

The setting defines the discount for the Main Product (if the corresponding setting is enabled) and all Bundle Pack Products. You can set unique discount amounts (including 0) per each item on the Bundle Pack Products grid below (if discount fields on the grid are left empty the value of the current setting is applied as a discount).
The discount for bundle packs products will be applied above the special price if it is set.

Apply Discount to the Main Product - enable the option to apply the discount to the main product

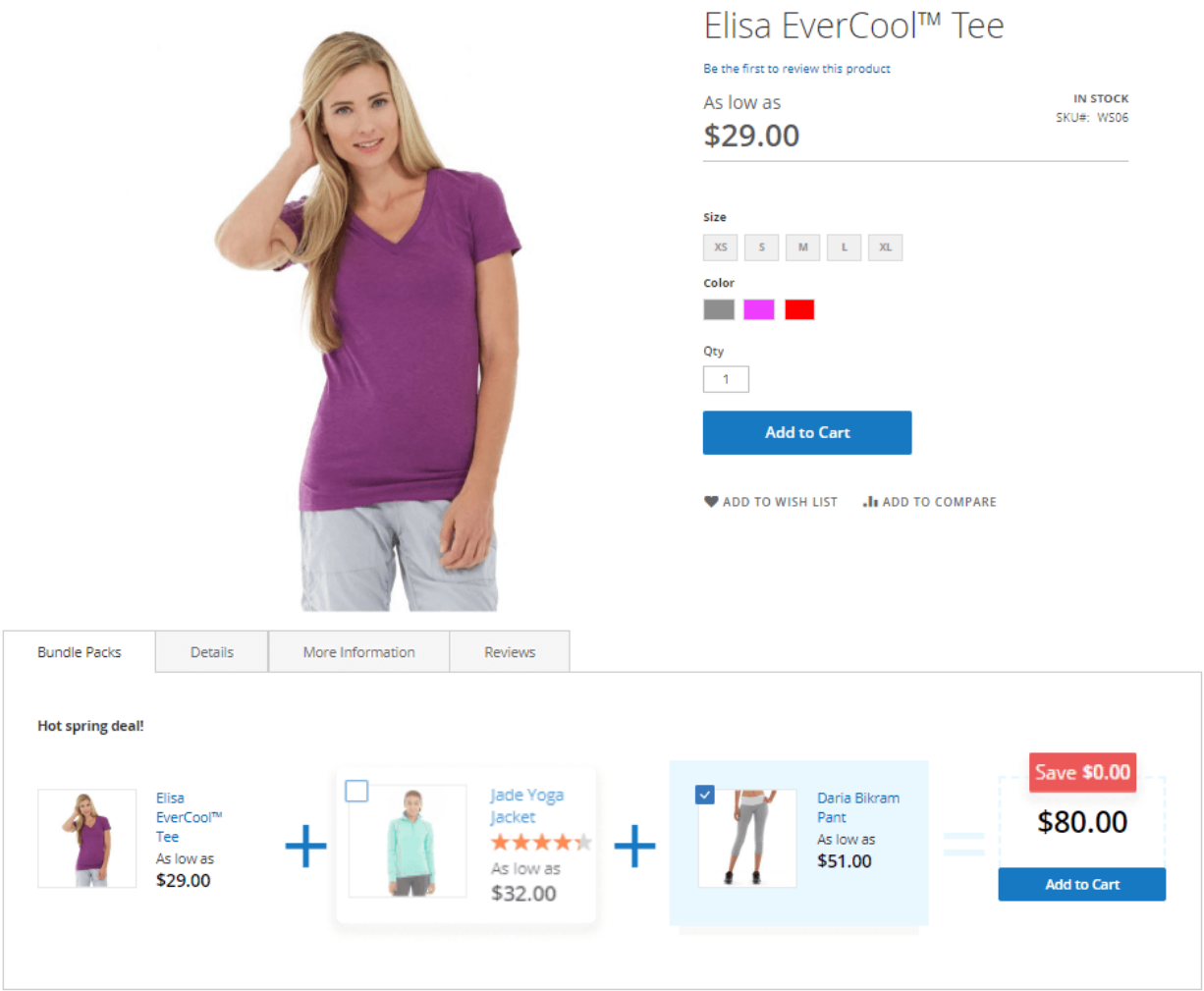
in a bundle pack.

Apply discount if - Choose from the two available options:

- Any Bundle Product is Chosen - the discount will be applied if any product from the bundle is chosen;
- All Bundle Products are Chosen - the discount will be applied only if all products from the bundle are chosen.

Pleasee note that if set to 'All Bundle Products are Chosen':

- Bundle Pack discount will be canceled if any of bundle product is unchecked;
- Bundle Pack will not be displayed if any of bundle items is not present on the storefront.

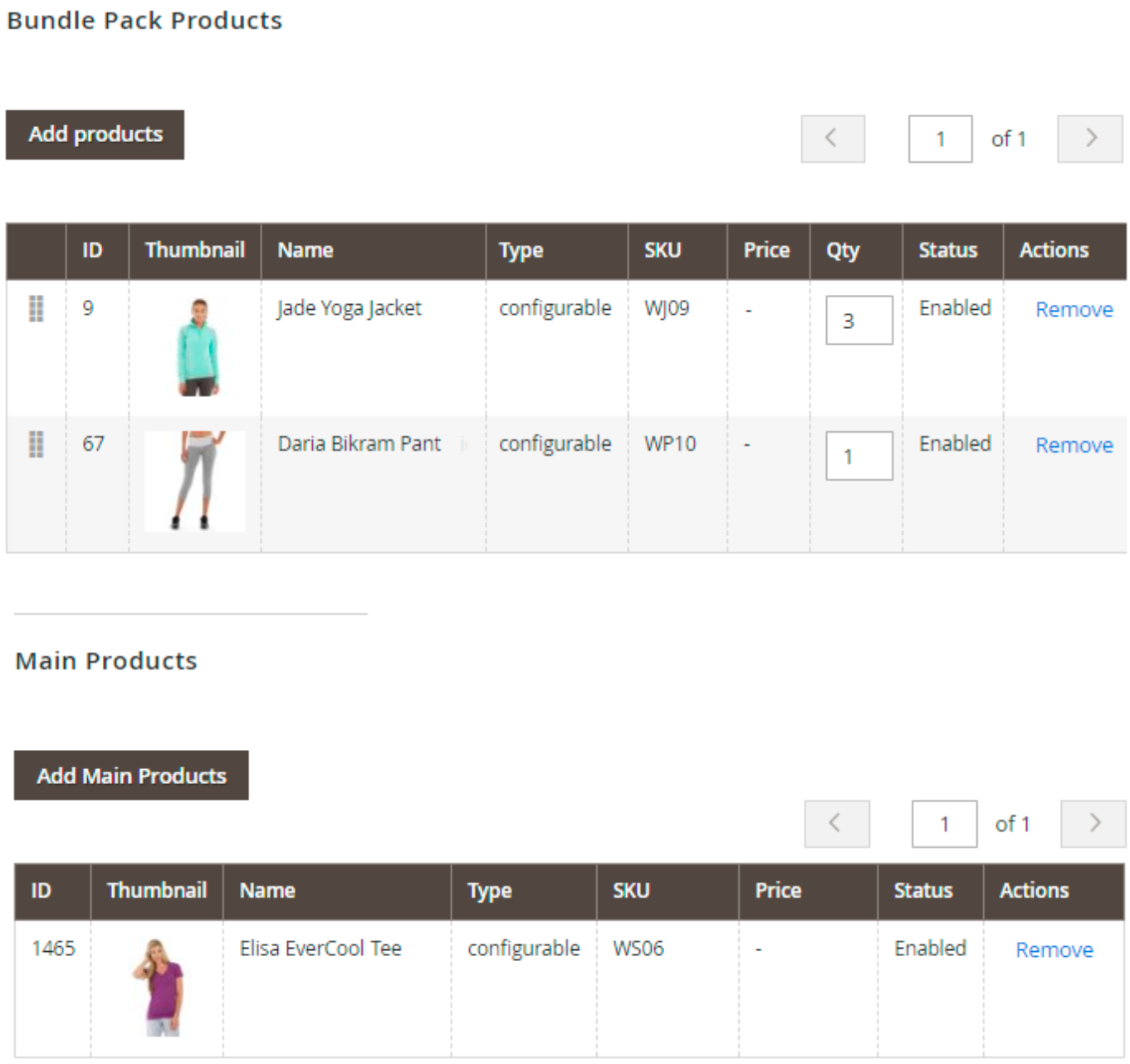


Upsell Message - specify the upsell message that will be displayed in a shopping cart. Use variables: {product_names}, {discount_amount}. The upsell message will appear only when the **Bundle Packs → 'Display Upsell Message in Cart'** setting is enabled in the configuration.

Please make sure the **Bundle Packs → 'Display Upsell Message in Cart'** setting is enabled in the configuration. Allowed variables: {product_names}, {discount_amount} , {total_discount_amount}.

Please note that:

- {total_discount_amount} is for Fixed Discount Type only;
- if you set unique discounts for Bundle Pack Products the {discount_amount} variable won't be displayed.



On the **Bundle Pack Products** and **Main Products** grids, you can choose the main and bundle pack products accordingly. Choose the order of bundle pack products on the appropriate grid via drag-and-drop and specify each bundle pack product quantity.

Bundle Packs do not work with Grouped and Gift Card product types.

Bundle Pack Use Case

In case you want to set up three cross-promotional bundles with the three same products, configuration will look like the following:

Apply Discount if: Any Bundle Product is Chosen

Bundle Pack Products

Add products

20 per page 1 of 1

	ID	Thumbnail	Name	Type	SKU	Price	Qty	Discount Amount	Status	Actions
	1		Joust Duffle Bag	simple	24-MB01	$34.00	1		Enabled	Remove
	3		Crown Summit Backpack	simple	24-MB03	$38.00	1		Enabled	Remove
	5		Rival Field Messenger	simple	24-MB06	$45.00	1		Enabled	Remove

Main Products

Add Main Products

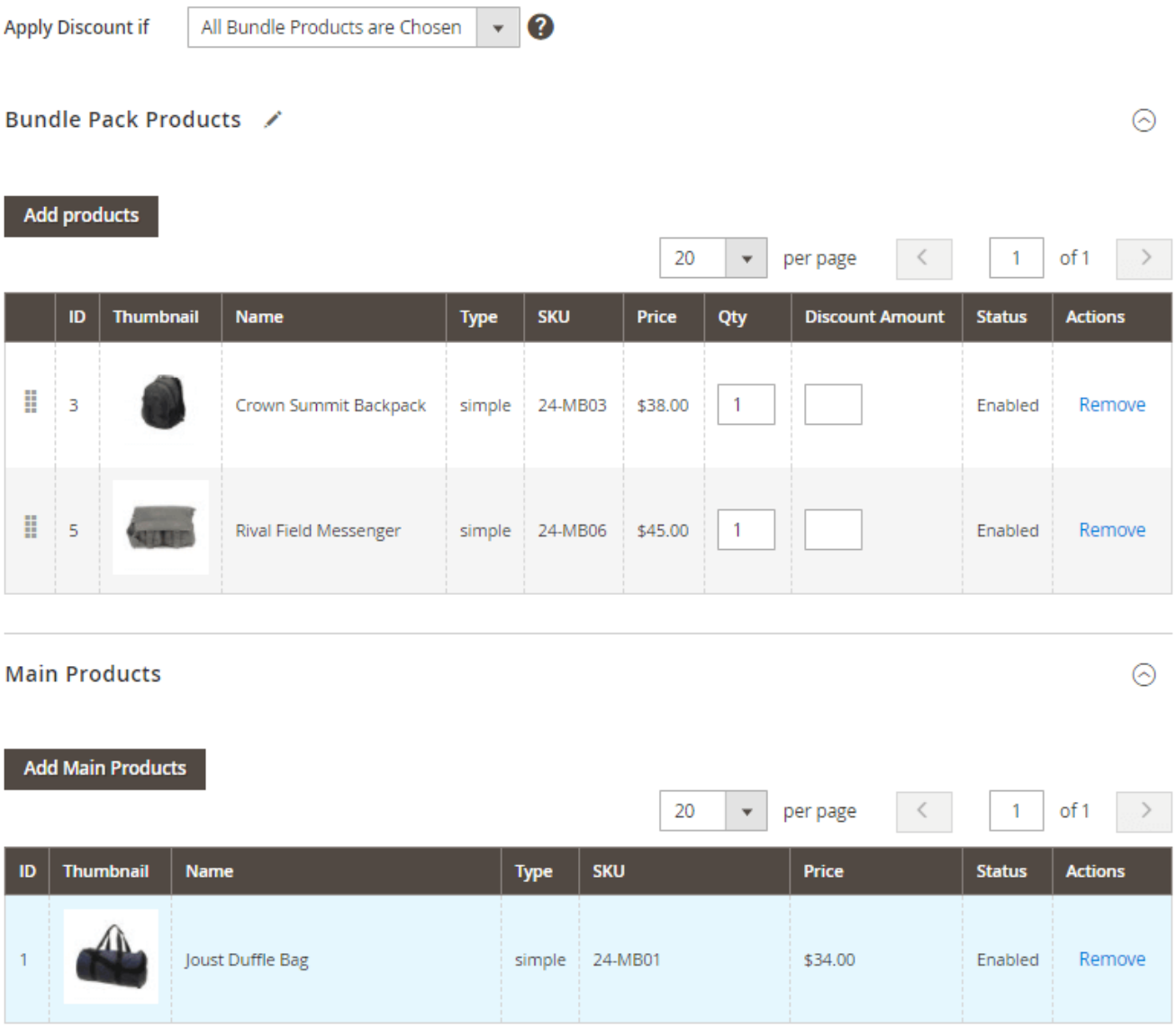
20 per page 1 of 1

ID	Thumbnail	Name	Type	SKU	Price	Status	Actions
1		Joust Duffle Bag	simple	24-MB01	$34.00	Enabled	Remove
3		Crown Summit Backpack	simple	24-MB03	$38.00	Enabled	Remove
5		Rival Field Messenger	simple	24-MB06	$45.00	Enabled	Remove

Please note that for this very case you can only set up a 'flexible' bundle with the setting **'Apply discount if'** set to **'any bundle product is chosen'** only.

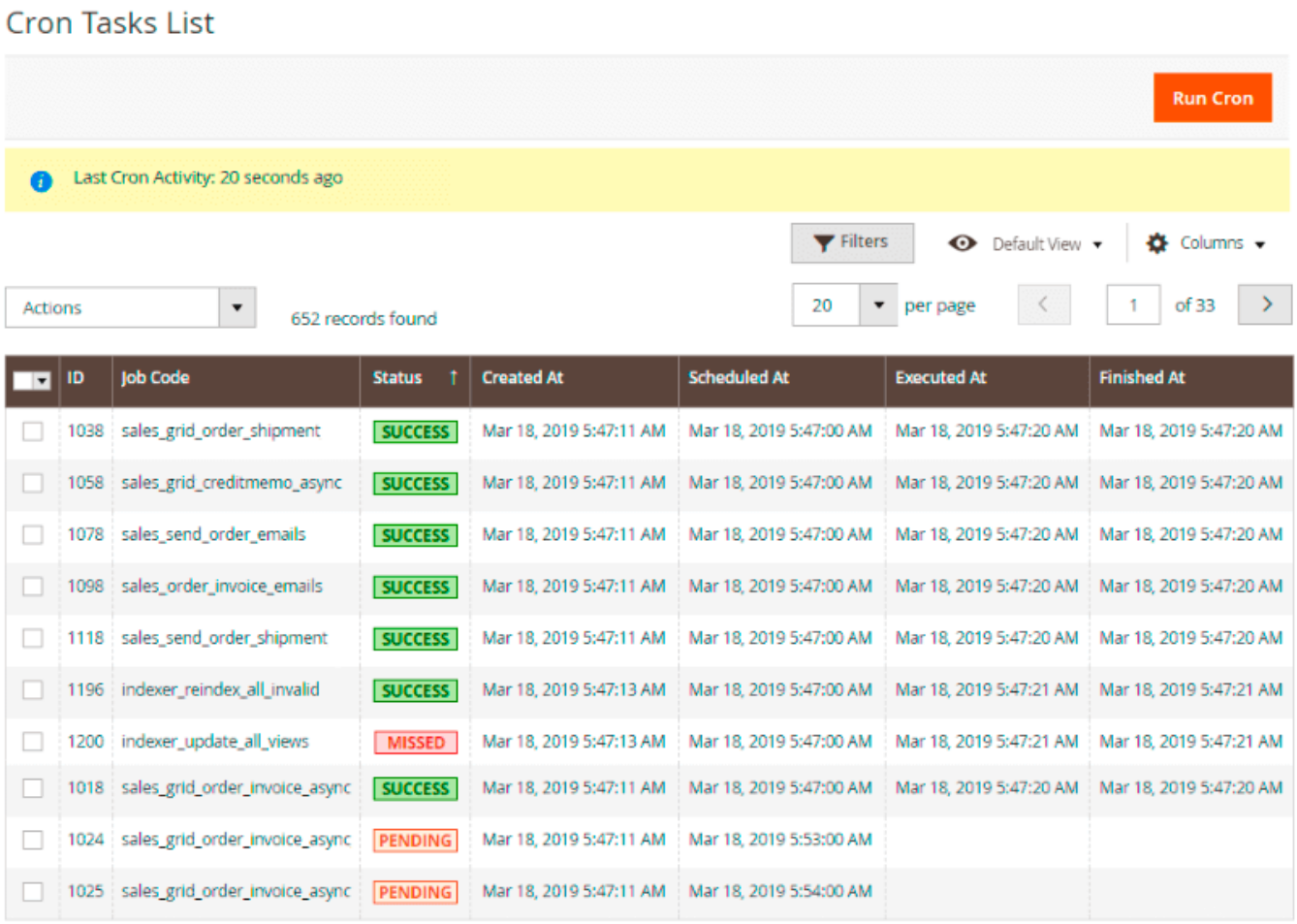
In case you need to set up three cross-promo bundles with the setting **'Apply discount if'** set to **'all bundle products are chosen'** (the 'strict' bundle discount rule), then you need to create three separate bundles for each promo case for now, meaning, only with one main product at a time.

For example:



Cron Tasks List

To manage all existing cron tasks, please, go to **System → Cron Tasks List**.



ID	Job Code	Status	Created At	Scheduled At	Executed At	Finished At
1038	sales_grid_order_shipment	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM	Mar 18, 2019 5:47:20 AM
1058	sales_grid_creditmemo_async	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM	Mar 18, 2019 5:47:20 AM
1078	sales_send_order_emails	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM	Mar 18, 2019 5:47:20 AM
1098	sales_order_invoice_emails	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM	Mar 18, 2019 5:47:20 AM
1118	sales_send_order_shipment	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM	Mar 18, 2019 5:47:20 AM
1196	indexer_reindex_all_invalid	SUCCESS	Mar 18, 2019 5:47:13 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:21 AM	Mar 18, 2019 5:47:21 AM
1200	indexer_update_all_views	MISSED	Mar 18, 2019 5:47:13 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:21 AM	Mar 18, 2019 5:47:21 AM
1018	sales_grid_order_invoice_async	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:47:00 AM	Mar 18, 2019 5:47:20 AM	Mar 18, 2019 5:47:20 AM
1024	sales_grid_order_invoice_async	PENDING	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:53:00 AM		
1025	sales_grid_order_invoice_async	PENDING	Mar 18, 2019 5:47:11 AM	Mar 18, 2019 5:54:00 AM		

Here, you can see all the existing cron tasks and their statuses. Run cron tasks and generate their schedule by clicking the ‘Run Cron’ button. Also, delete tasks in bulk, apply filtering and sorting options when it is needed.

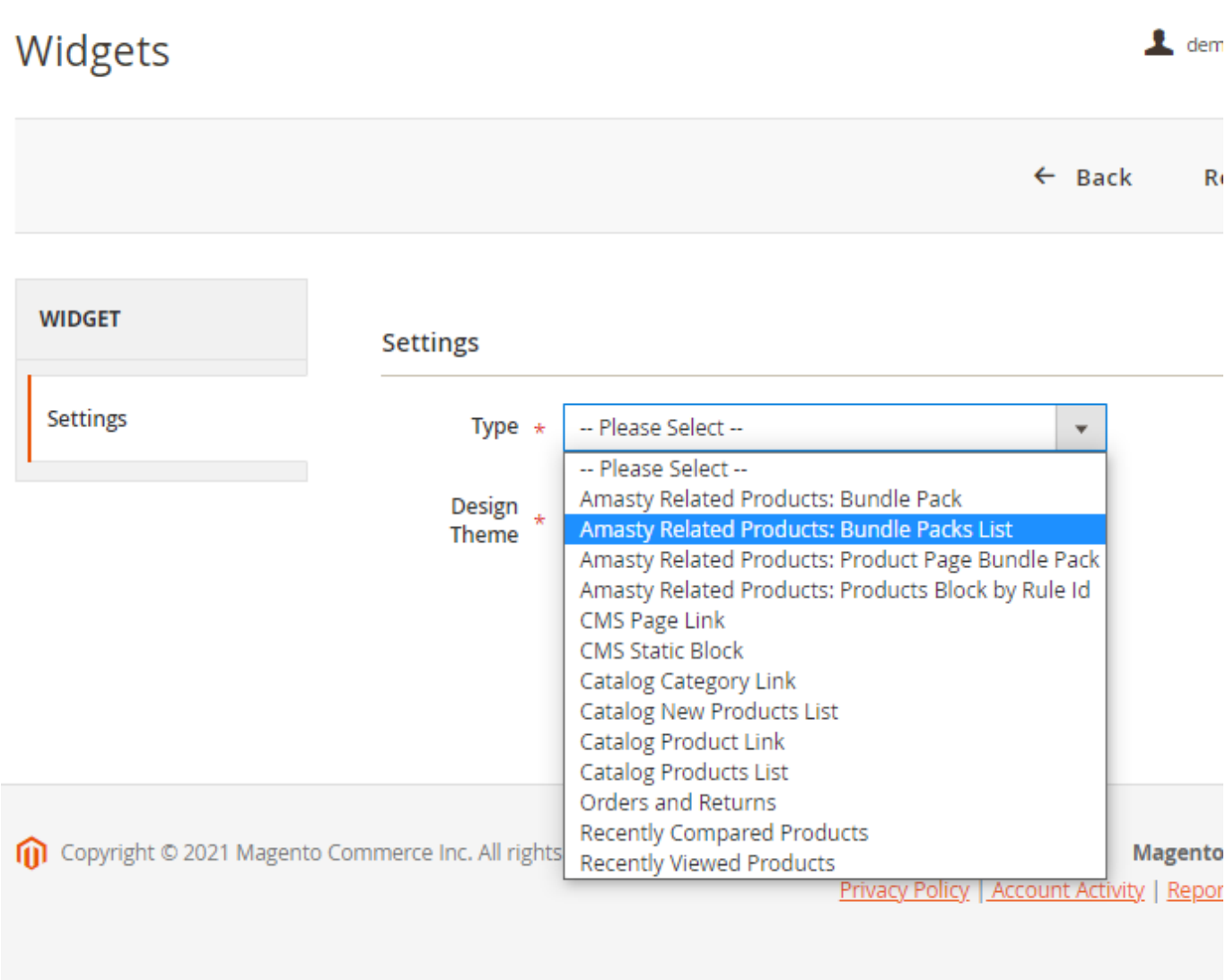
Add Related Products Blocks or Bundle Packs via Widget

You can also add the blocks with related products and bundle packs to your website pages via widgets.

For now, the following types of widgets are available within the extension:

- Bundle Pack
- Bundle Pack List
- Product Page Bundle Pack
- Products Block by Rule Id

To add a widget, please navigate to **Content → Widgets → Add Widget**.

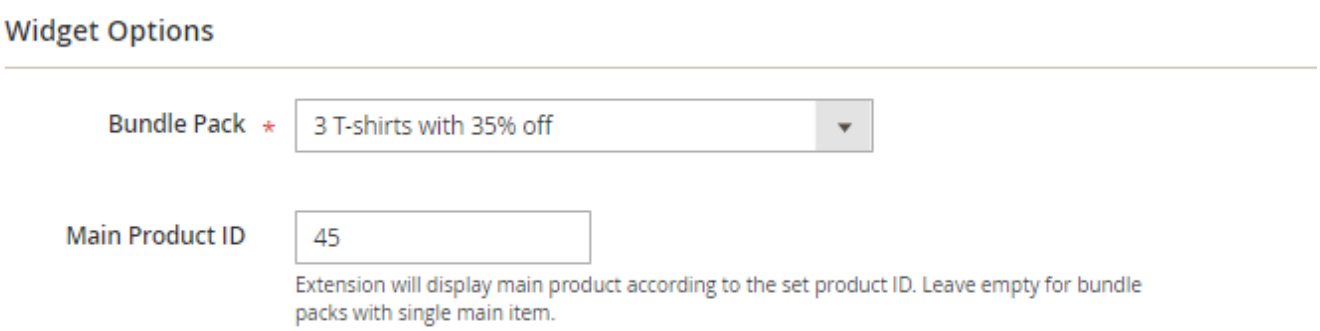


Choose the **Type** of widget, the **Design Theme** and click 'Continue'.

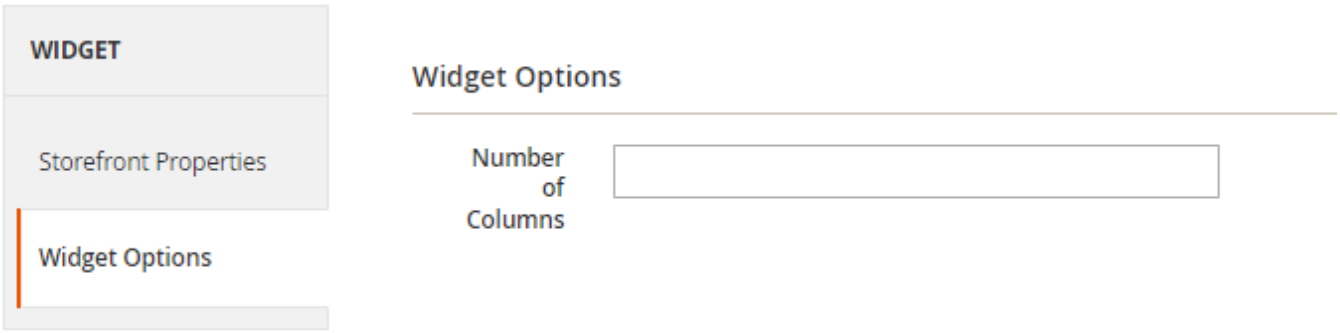
Specify the other **Storefront Properties** according to your needs, similar to the default settings of Magento widgets.

Then adjust the **Widget Options**.

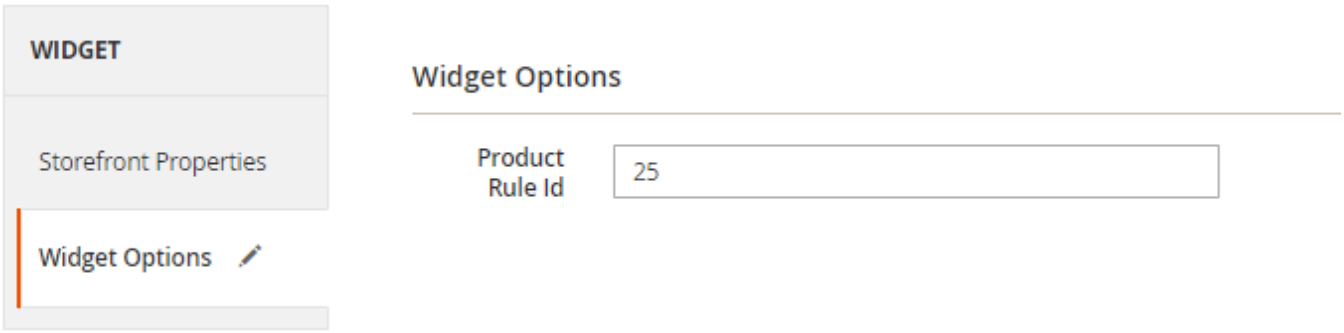
- For the **Bundle Pack** widget, please choose the particular Bundle Pack from the dropdown and indicate the Main Product ID (or leave this field empty for bundle packs with the single main item).



- For the **Bundle Pack List** widget, specify the Number of Columns for products display.



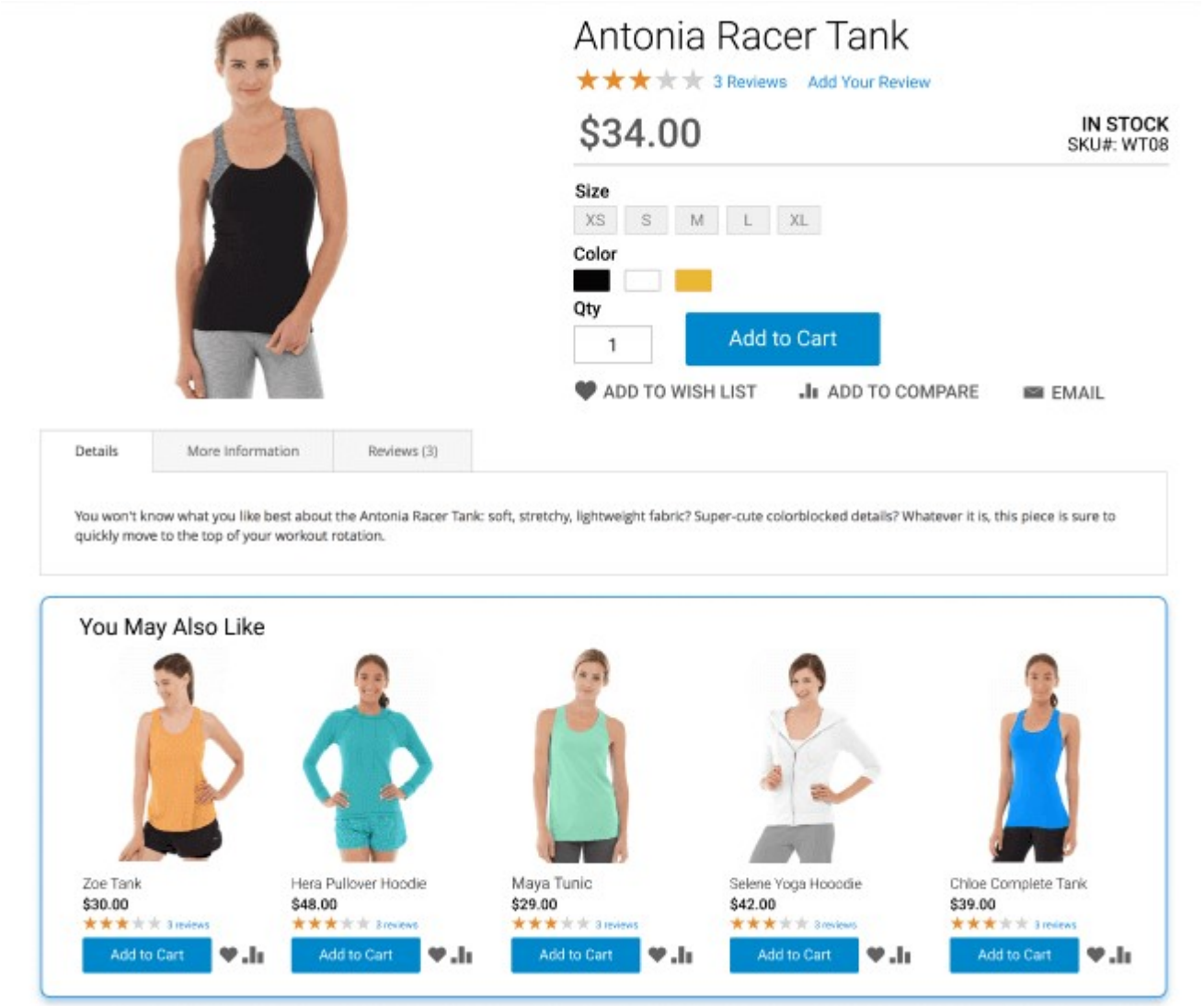
- For the **Products Block by Rule Id** widget, please specify the Product Rule Id, according to which the related products will be displayed.



- For the **Product Page Bundle Pack** widget, it is possible to configure only Storefront Properties, where you can choose the page for the widget display, assign the store view, set the sort order, and the widget title.

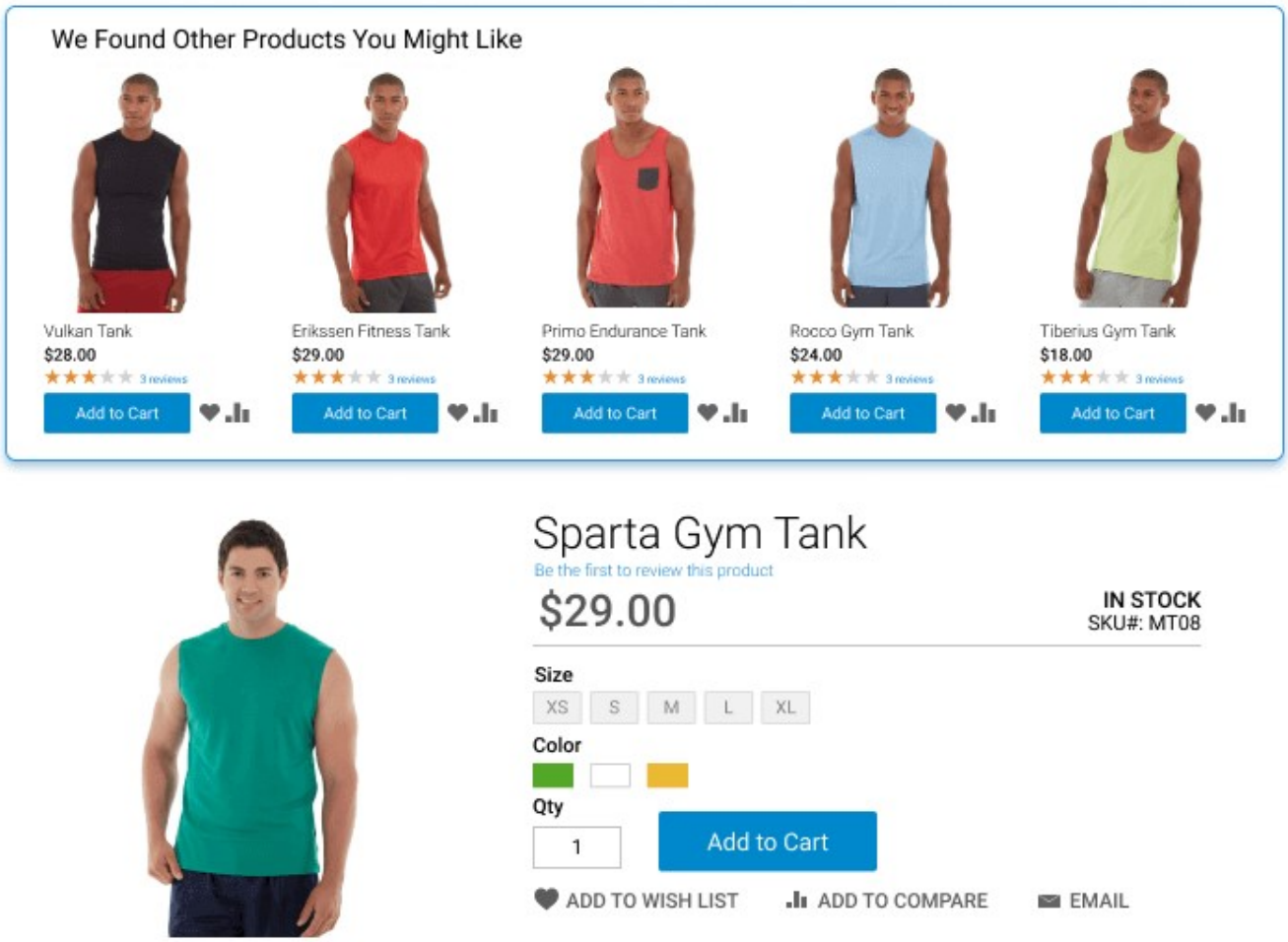
Show Related Products Block on the Frontend

Automatically show highly demanded items on a product page.

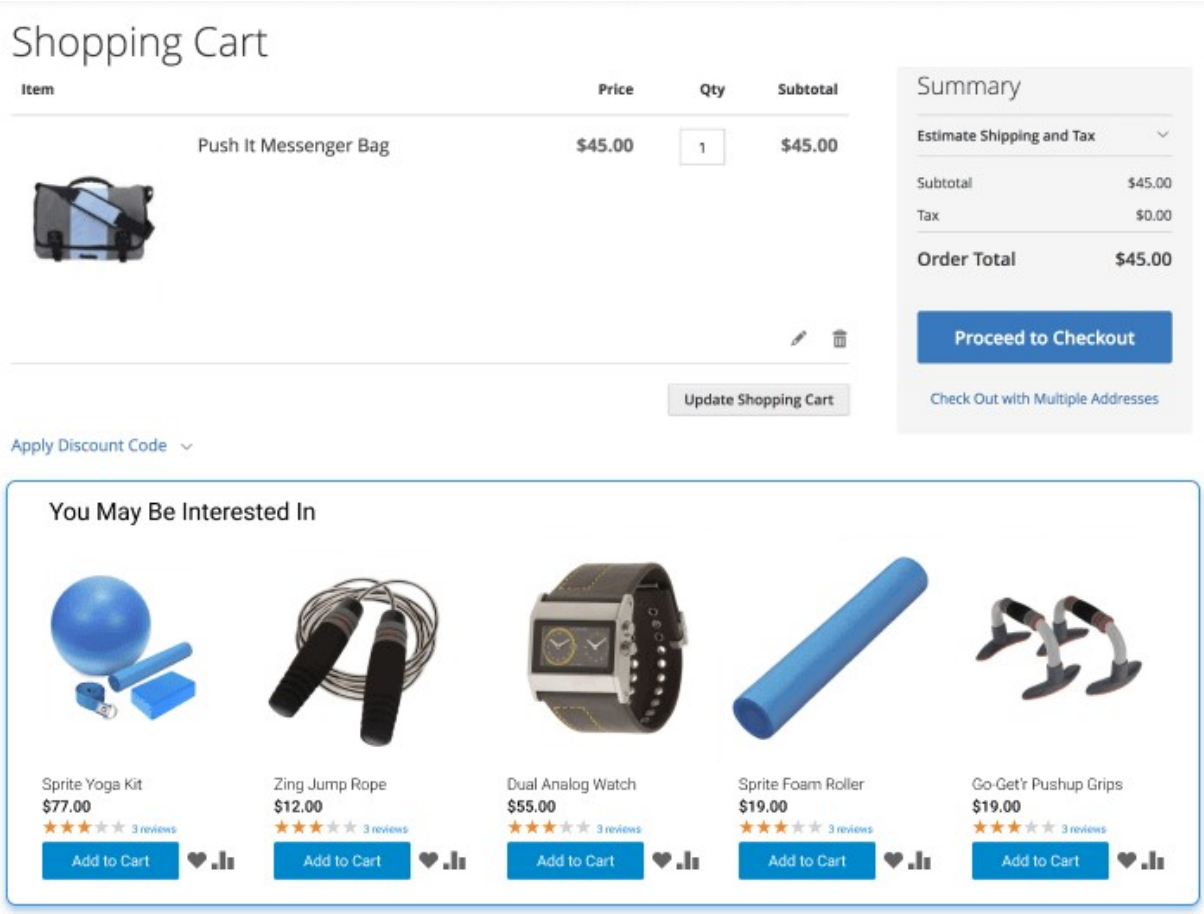


Add **Magento 2 Product Labels** extension to equip your related products blocks with catchy labels! Drive customer attention to particular items, highlight new arrivals, or special products.

Increase revenue with up-selling products based on specified parameters.



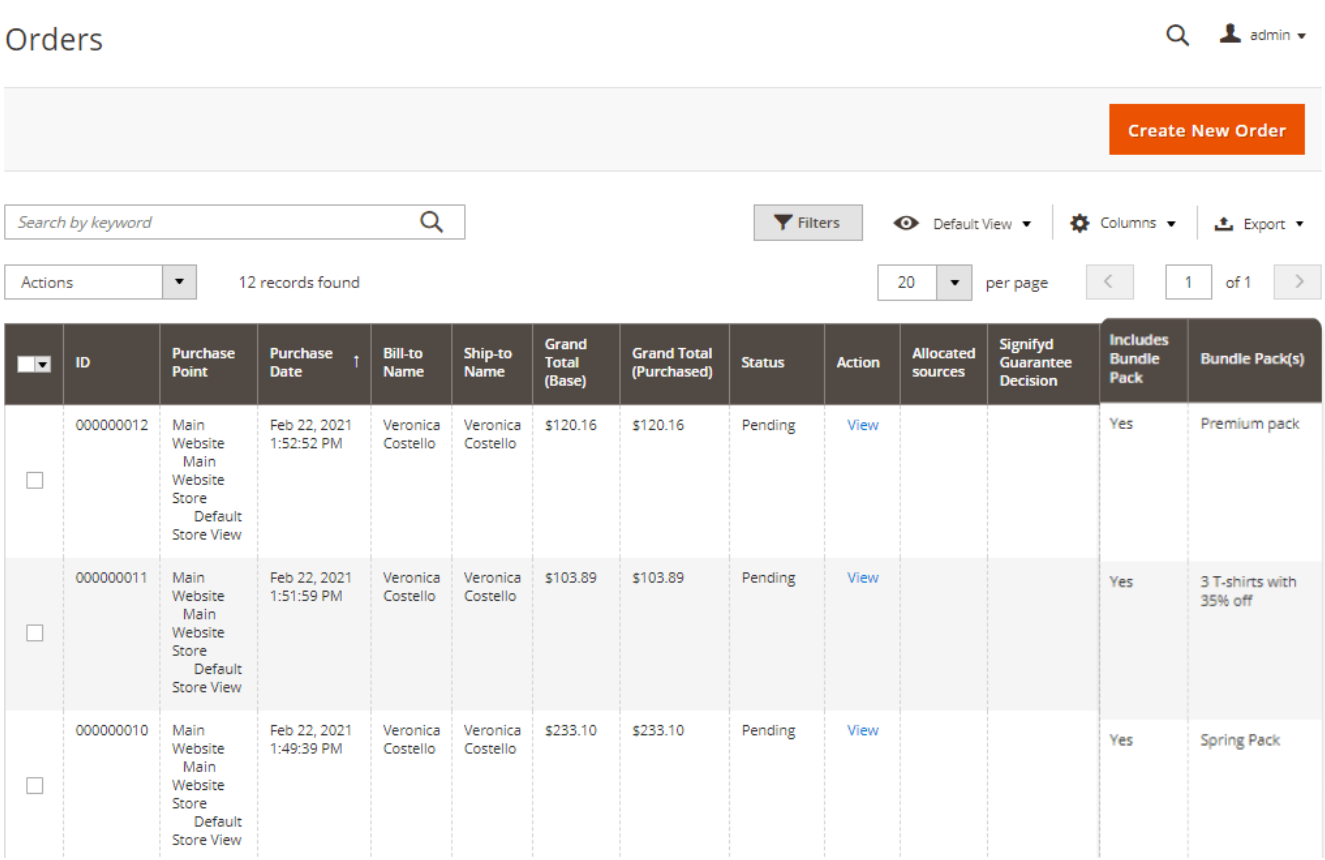
Get more orders by showing cross-selling products on a shopping cart page.



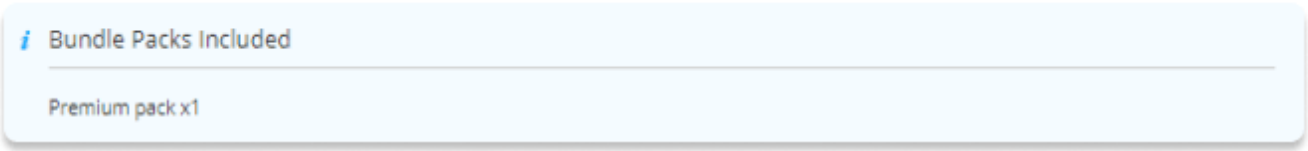
Speed up the search, catalog and related products with improved indexing with the **Elastic Search** extension.

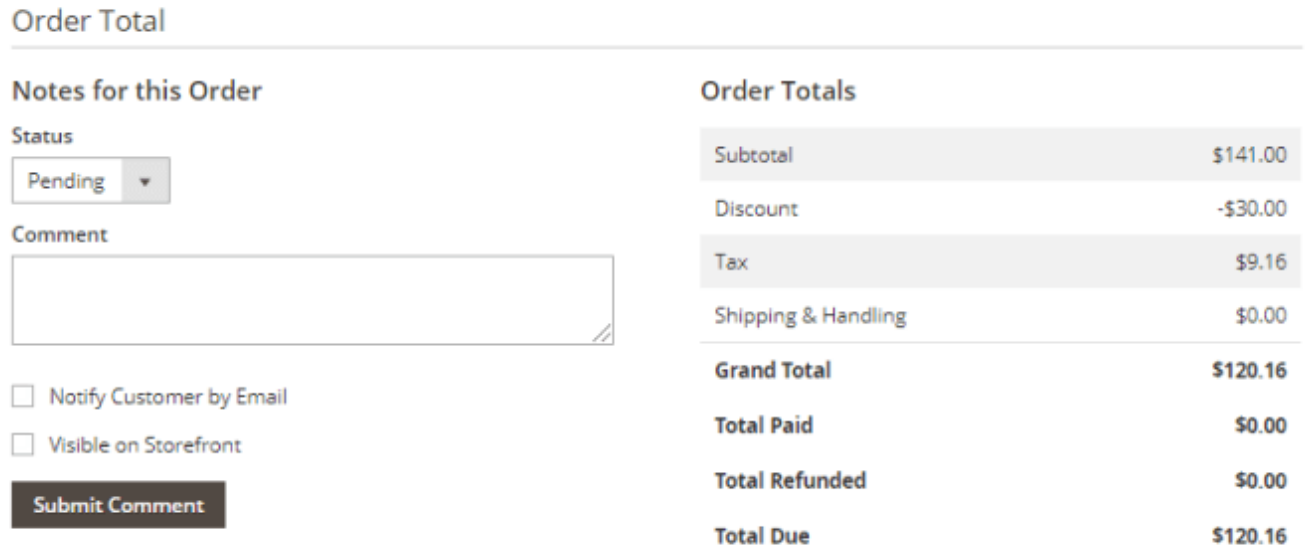
Show Bundle Packs order info on the Backend (Orders Grid)

The extension adds one more column to the Orders grid and ads an extra notice to the order info to show more details about the purchased bundle packs:



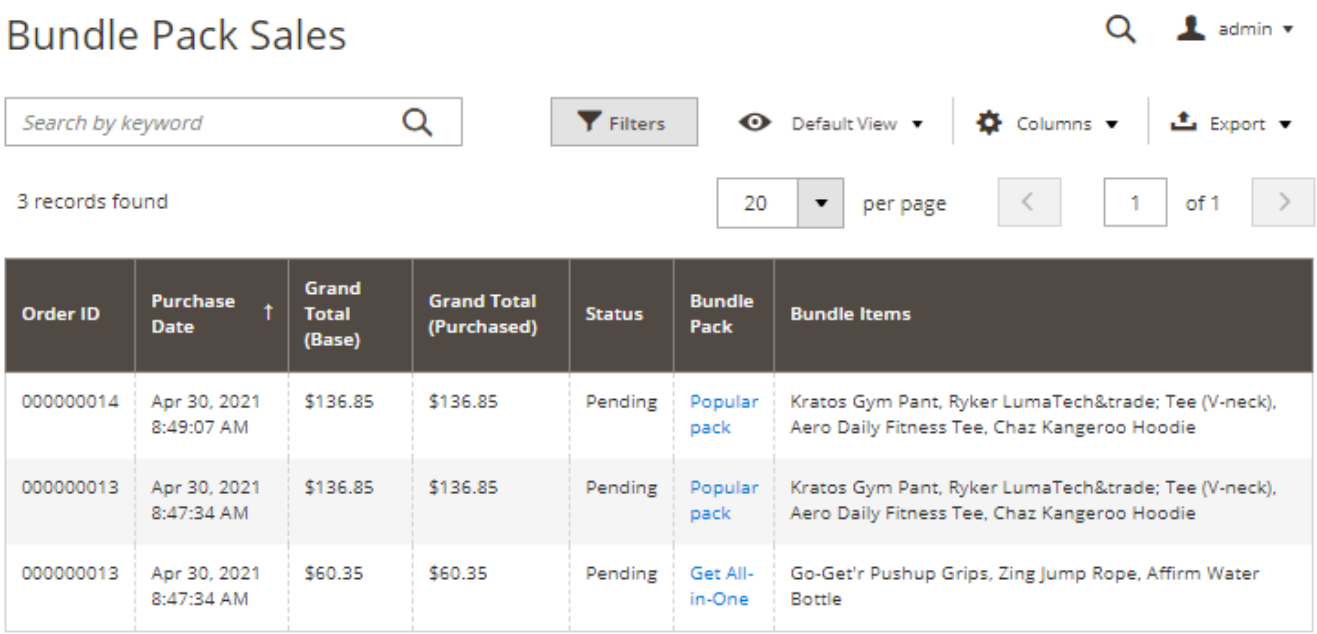
ID	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action	Allocated sources	Signifyd Guarantee Decision	Includes Bundle Pack	Bundle Pack(s)
000000012	Main Website Main Website Store Default Store View	Feb 22, 2021 1:52:52 PM	Veronica Costello	Veronica Costello	$120.16	$120.16	Pending	View			Yes	Premium pack
000000011	Main Website Main Website Store Default Store View	Feb 22, 2021 1:51:59 PM	Veronica Costello	Veronica Costello	$103.89	$103.89	Pending	View			Yes	3 T-shirts with 35% off
000000010	Main Website Main Website Store Default Store View	Feb 22, 2021 1:49:39 PM	Veronica Costello	Veronica Costello	$233.10	$233.10	Pending	View			Yes	Spring Pack





Bundle Pack Sales

The extension provides a separate grid for tracking sales statistics of the bundle packs - the '*Bundle Pack Sales*' grid.



Order ID	Purchase Date	Grand Total (Base)	Grand Total (Purchased)	Status	Bundle Pack	Bundle Items
000000014	Apr 30, 2021 8:49:07 AM	$136.85	$136.85	Pending	Popular pack	Kratos Gym Pant, Ryker LumaTech™ Tee (V-neck), Aero Daily Fitness Tee, Chaz Kangeroo Hoodie
000000013	Apr 30, 2021 8:47:34 AM	$136.85	$136.85	Pending	Popular pack	Kratos Gym Pant, Ryker LumaTech™ Tee (V-neck), Aero Daily Fitness Tee, Chaz Kangeroo Hoodie
000000013	Apr 30, 2021 8:47:34 AM	$60.35	$60.35	Pending	Get All-in-One	Go-Get'r Pushup Grips, Zing Jump Rope, Affirm Water Bottle

Please navigate to **Reports → (Amasty Related Products) → Bundle Packs Sales** to use this grid.

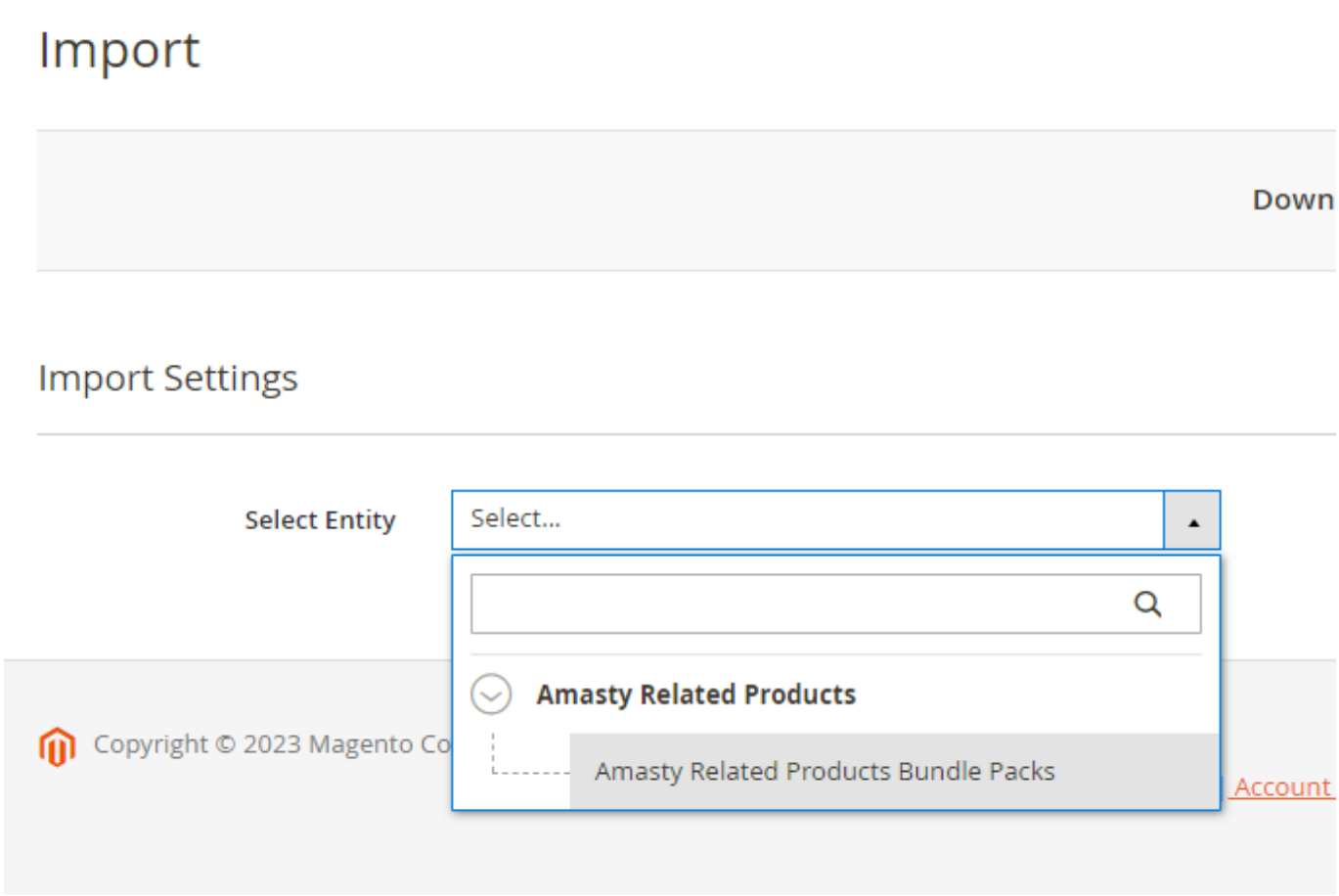
Here's the description of the columns that you can find on the grid:

- *Date purchased* - date when the bundle pack was ordered;
- *Order ID* - ID of the orders containing the bundle packs;
- *Grand Total (Base)* - the base price of the ordered bundle;
- *Grand Total (Purchased)* - actual bundle price (in main store currency);
- *Order status* - actual order status;
- *Bundle Pack* - name of the bundle pack;
- *Bundle Items* - names of the products from the bundle purchased.

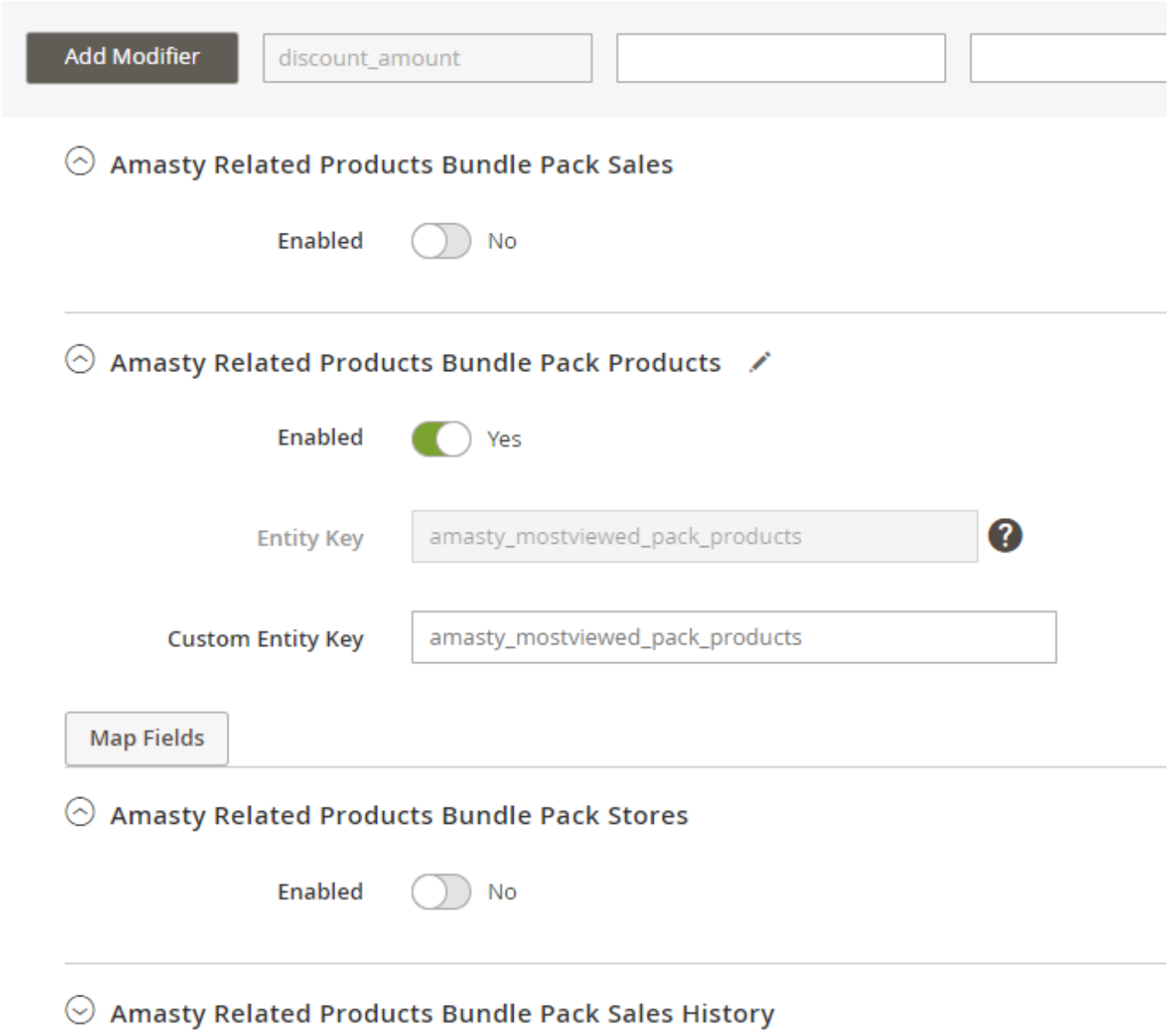
Import and Export

With the Automatic Related Products extension you can import and export **Bundle Packs** data. This functionality is available as a part of an active product subscription or support subscription.

To **Import** the bundle packs data, please navigate to **System → Amasty Import → Import → Select Entity → Amasty Related Products → Amasty Related Products Bundle Packs**:

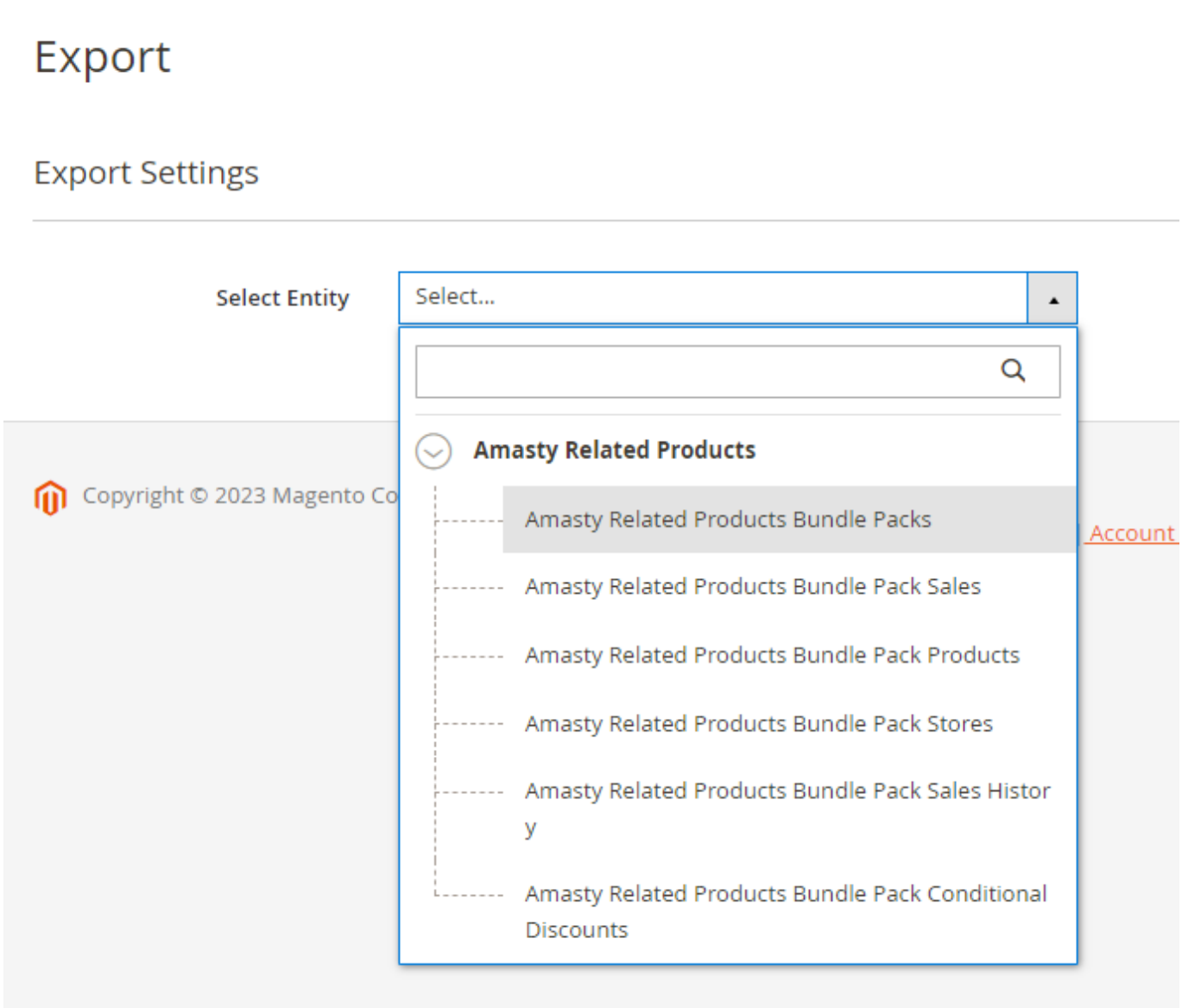


Then, scroll down to the *Fields Configuration* tab and enable the needed subentities for import.



Then adjust other settings for the import according to your needs.

To **Export** bundle packs data, please navigate to **System → Amasty Export → Export → Select Entity → Amasty Related Products → choose the needed entity**:

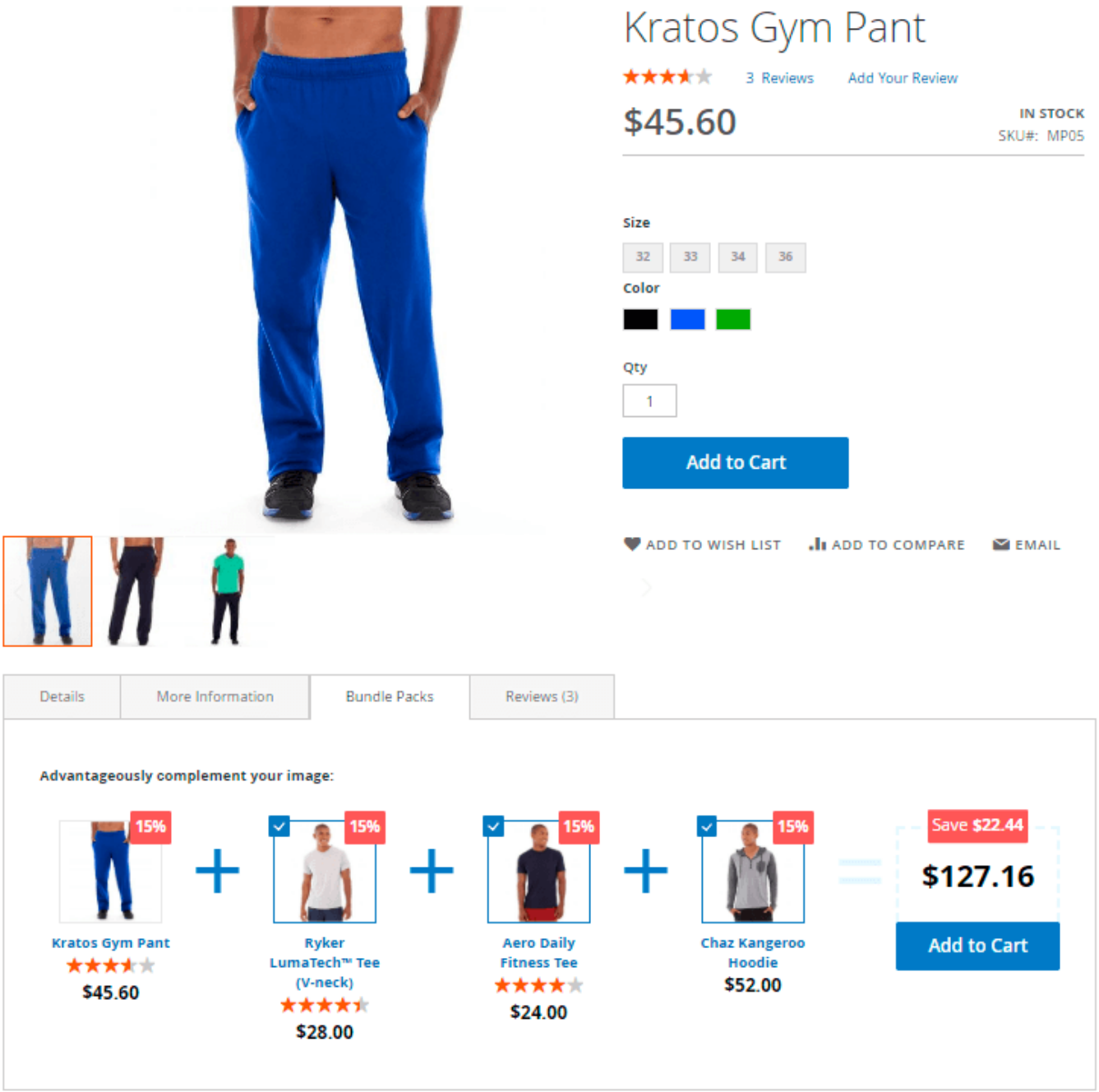


Then adjust other settings for the export according to your needs.

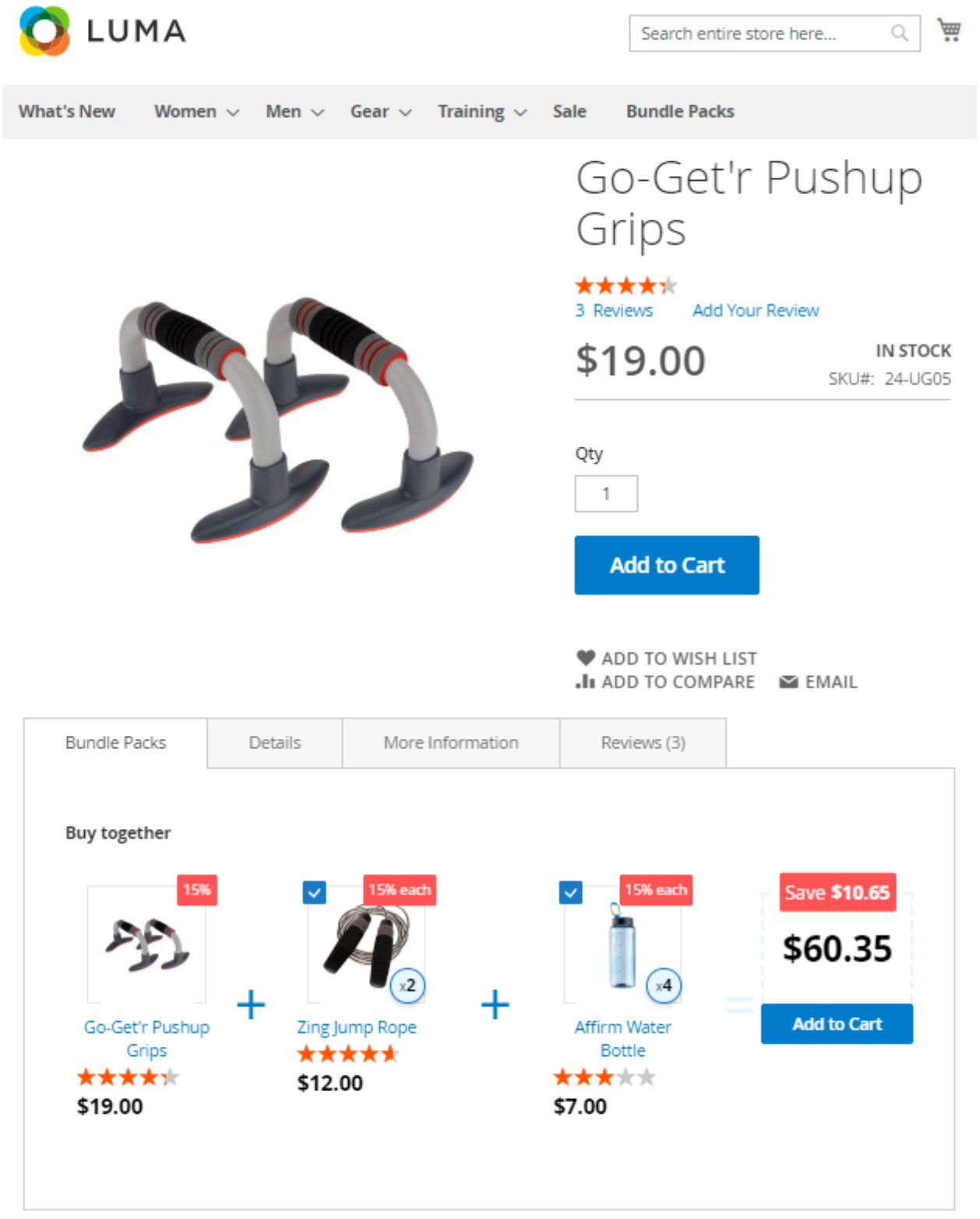
Frontend Examples (Bundle Packs)

Here's how product bundle packs display on the frontend:

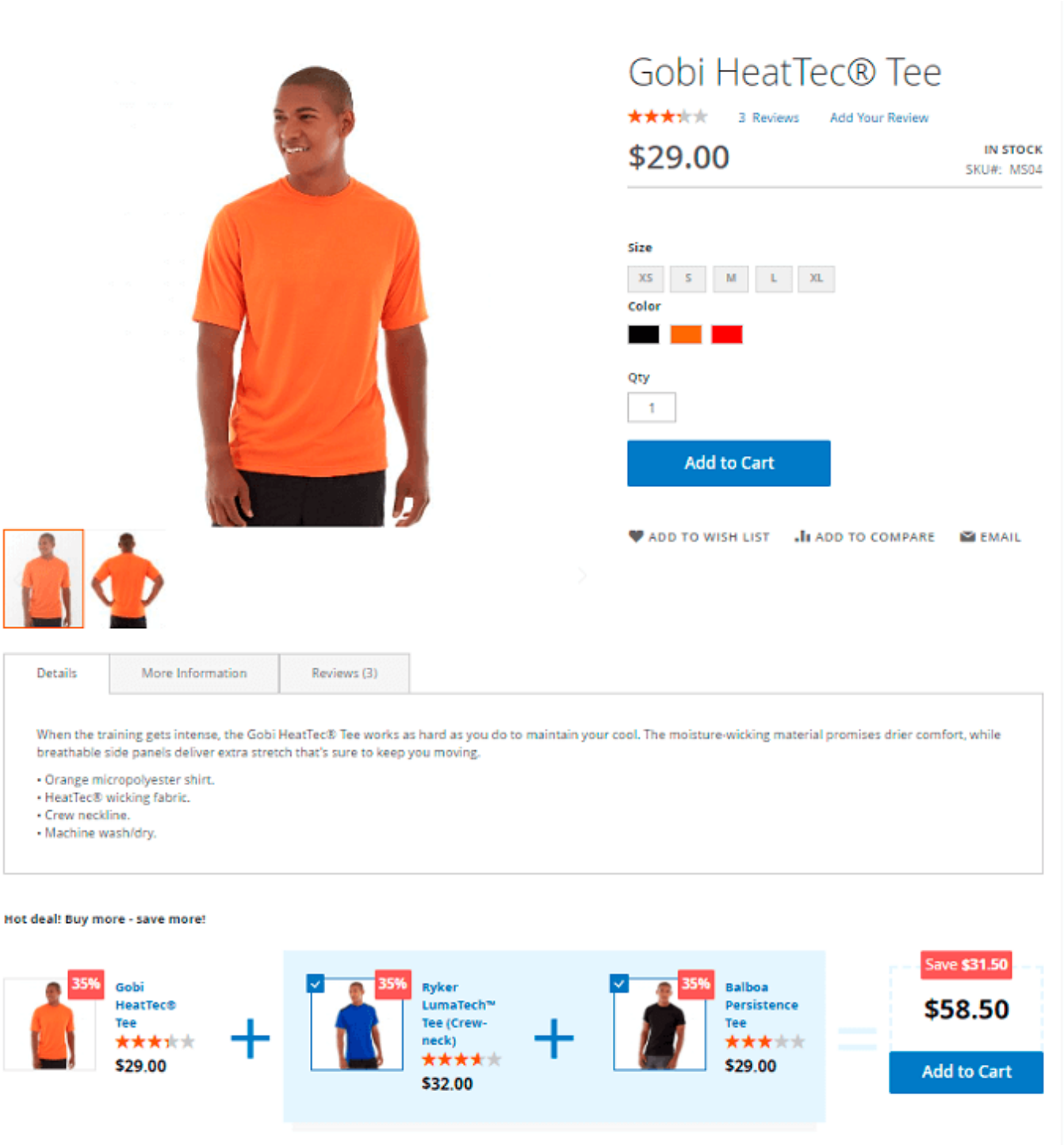
1. On the product tab:



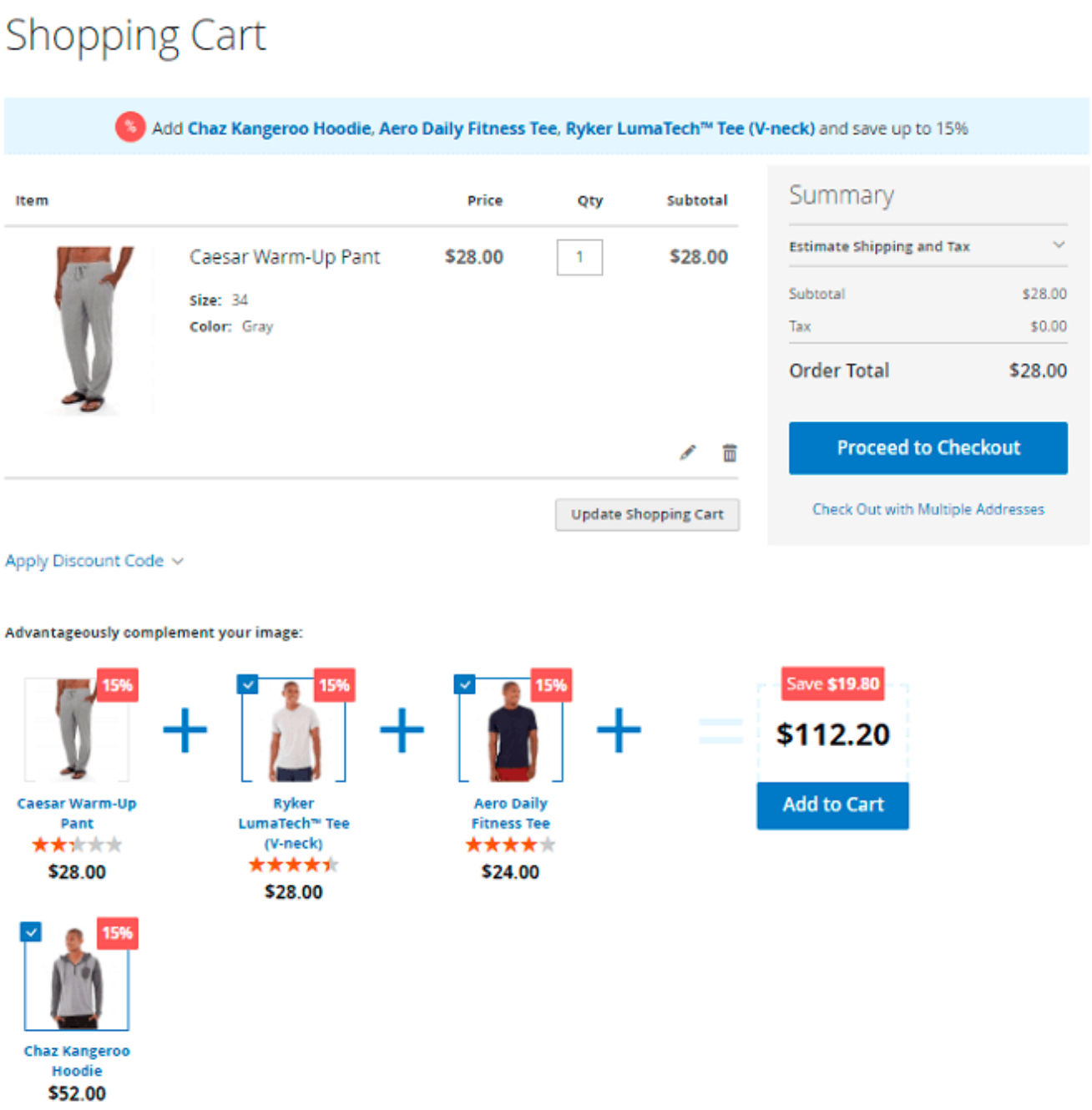
With adjusted bundle pack products quantity:



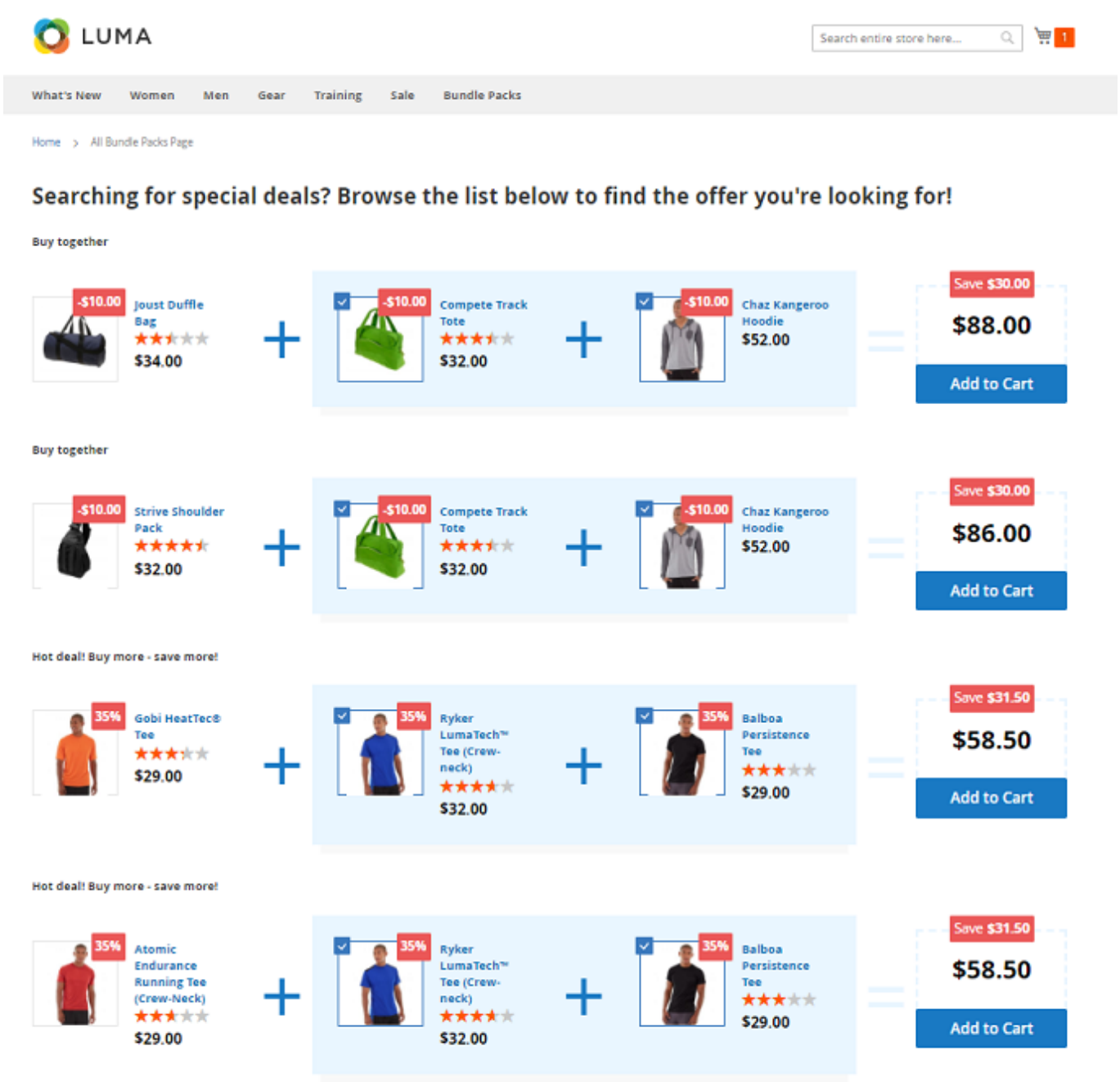
2. After product description:



3. In the shopping cart:



4. On a CMS page:



Find out how to install the Automatic Related Products extension via Composer.

PWA for Automatic Related Products (Add-On)

The extension also works smoothly on mobile devices if combined with a ready-made PWA solution, due to which store admin can significantly improve the user shopping experience on smartphones.

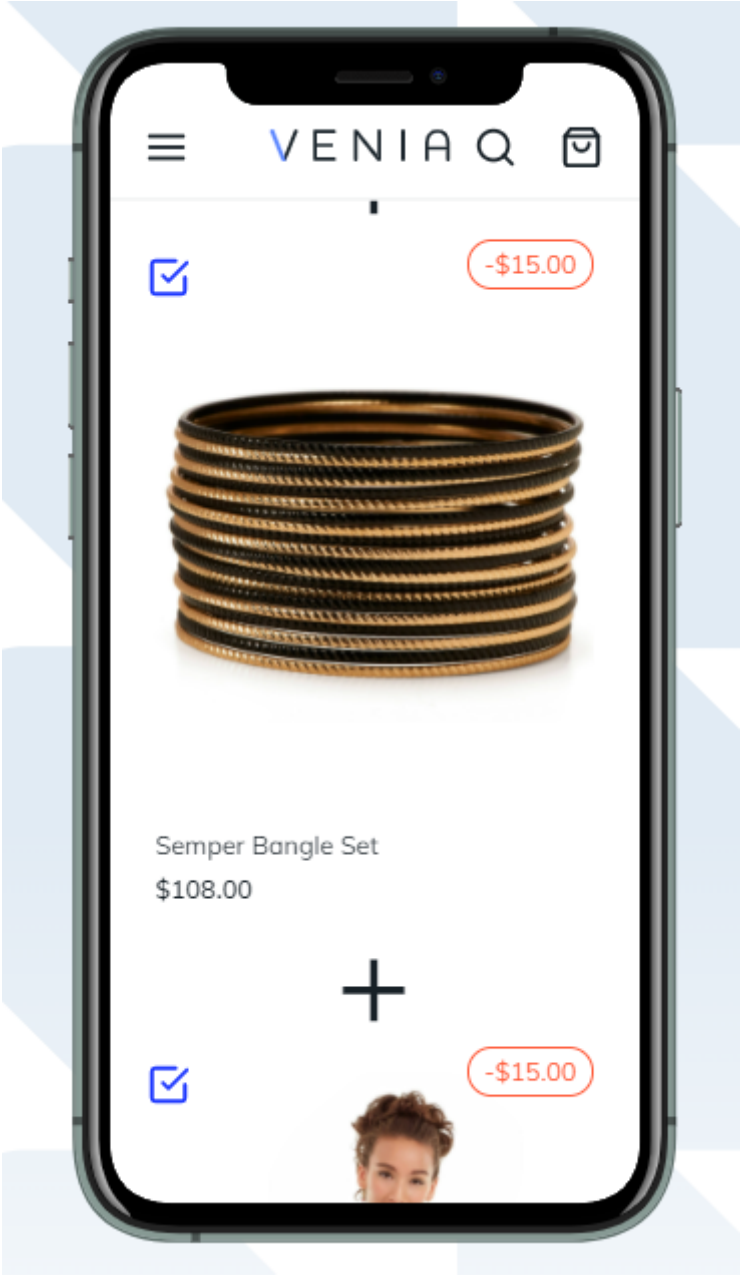
The feature can be enabled only after purchasing the **PWA for Automatic Related Products Add-On**. Also, you need to install a PWA theme first.
In order to correctly install a PWA add-on, please install the **corresponding GraphQL system package** first. For the correct name of it, please check the *composer.json file* of the main module. *For*

example, the GraphQL system package name of the PWA add-on for the Blog Pro extension would be the following: **amasty/blog-graphql**

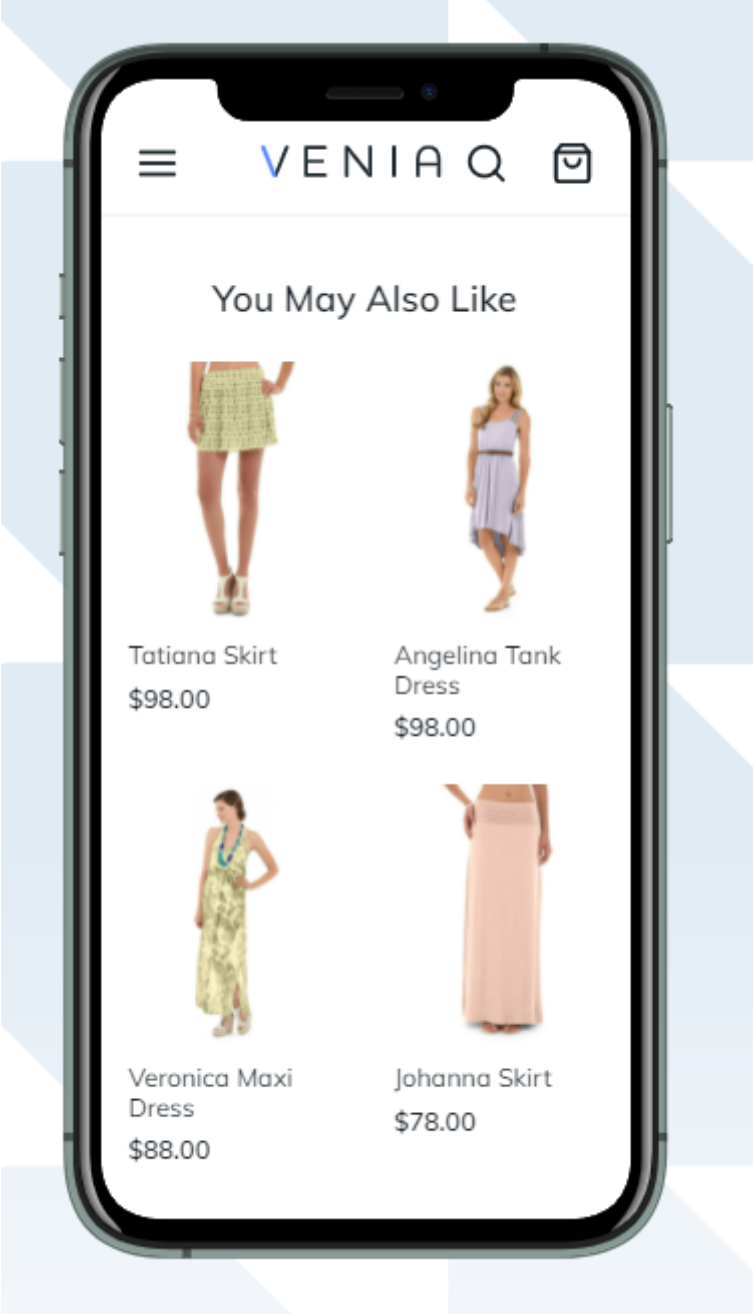

```
{
    "name": "amasty/blog",
    "description": "Amasty Blog Pro",
    "require": {
        "php": ">=7.3.0",
        "amasty/base": ">=1.13.4",
        "amasty/email-unsubscribe": "*",
        "amasty/cron-schedule-list": "*",
        "magento/framework": ">=102.0.0",
        "magento/module-catalog": "*"
    },
    "suggest": {
        "amasty/blog-page-builder": "Install blog-page-builder module to activate PageBuilder and Blog Pro integration.",
        "amasty/blog-graphql": "Install blog-graphql module to activate Graphql and Blog Pro integration.",
        "amasty/module-blog-mftf-3": "Install module-blog-mftf-3 module to be able to run Blog Pro MFTF tests for Magento 2.4.0+ version.",
        "amasty/module-blog-pro-to-builder": "Install Amasty_BlogProToBuilder module to activate the integration with Custom Reports Builder extens
    },
    "type": "magento2-module",
    "version": "2.10.4",
    "license": [
        "Commercial"
    ],
    "autoload": {
        "files": [
            "registration.php"
```


If the add-on is installed, Venia theme will be displayed for this extension in the following way:

Products in a bundle on Venia storefront:



Products in a related items block on a product page with Venia:



Find out more about Magento PWA integration here.

How to add new components of the Automatic Related Products M2 extension on Venia theme

Before you start further configuration, please read the following instructions on Venia configuration components here.

You can freely add new components like blocks with related products or bundles on any place in your Venia-based store. For this, please navigate to store backend and configure the related product items display by specifying the following in the extension parameters:

For the blocks with the **related products** you need to specify:

- categoryId - ID of the category or product for which the related offering will be displayed;
- Position - you need to specify the position where the related offering will be displayed on the front.

Please have a look at the list of the available positions for this extension working in combination with the PWA add-on:

- 'product_before_related',
- 'product_after_related',
- 'product_into_related',
- 'product_before_upsell',
- 'product_after_upsell',
- 'product_into_upsell',
- 'product_content_top',
- 'product_content_tab',
- 'product_before_tab',
- 'product_content_bottom',
- 'product_sidebar_top',
- 'product_sidebar_bottom',
- 'cart_before_crosssel',
- 'cart_after_crosssel',
- 'cart_into_crosssel',
- ‘cart_content_top',
- 'cart_content_bottom',
- 'category_content_top',
- 'category_content_bottom',
- 'category_sidebar_top',
- 'category_sidebar_bottom',
- 'custom'

For the **bundle packs** you need to specify:

- Id - the ID of the product for which the bundle packs’ display is configured.

Please note that the option of placing bundle packs on the shopping cart is currently unavailable due to the limited Venia theme functionality as per now.
Please note that bundle packs are currently working only for configurable and simple types of products due to the limited Venia theme functionality as per now.
Please note that it’s currently unavailable to place and manage bundle packs on the CMS pages due to the limited Venia theme functionality as per now.

Here’s an *example* of how to add the related product components on the *Cart page*:

Please note that as per the moment of creation of this guide the Shopping Cart page on Venia theme is not fully developed yet.

1. Copy the component’s folder of the search page into the folder with our components:

```
cd myproject
mkdir -p src/lib/components/
```

```
cp -R node_modules/@magento/venia-ui/lib/components/CartPage
src/lib/components/
```

Edit the component *searchPage.js*. Change all relative ways of components import to absolute:

```
@magento/venia-ui/lib/PATCH_TO_COMPONENT_FOLDER
```

for example:

```
import Button from '../Button';
```

to

```
import Button from '@magento/venia-ui/lib/components/Button';
```

Add import of the component Related Products import RelatedProducts from

```
'../../components/AmRelatedProducts';
```

Choose the place where to place the component:

```
<RelatedProducts categoryId={3} position={'cart_content_bottom'}/>
```

As a result, the file searchPage.js should look like the following below:

```
import React, { useMemo } from 'react';

import { useCartPage } from
'@magento/peregrine/lib/talons/CartPage/useCartPage';

import { Title } from '@magento/venia-ui/lib/components/Head';
import Button from '@magento/venia-ui/lib/components/Button';

import PriceAdjustments from '@magento/venia-
ui/lib/components/SearchPage/PriceAdjustments';
import PriceSummary from '@magento/venia-
ui/lib/components/SearchPage/PriceSummary';
import ProductListing from '@magento/venia-
ui/lib/components/SearchPage/ProductListing';
import { mergeClasses } from '@magento/venia-ui/lib/classify';
import defaultClasses from '@magento/venia-
ui/lib/components/SearchPage/cartPage.css';
import { GET_CART_DETAILS } from '@magento/venia-
ui/lib/components/SearchPage/cartPageQueries';
import RelatedProducts from '../../components/AmRelatedProducts';
```

```
const CartPage = props => {
    const talonProps = useCartPage({
        queries: {
            getCartDetails: GET_CART_DETAILS
        }
    });

    const {
        handleSignIn,
        hasItems,
        isSignedIn,
        isCartUpdating,
        setIsCartUpdating
    } = talonProps;

    const classes = mergeClasses(defaultClasses, props.classes);

    const signInDisplay = useMemo(() => {
        return !isSignedIn ? (
            <Button
                className={classes.sign_in}
                onClick={handleSignIn}
                priority="high"
            >
                {'Sign In'}
            </Button>
        ) : null;
    }, [classes.sign_in, handleSignIn, isSignedIn]);

    const productListing = hasItems ? (
        <ProductListing setIsCartUpdating={setIsCartUpdating} />
    ) : (
        <h3>There are no items in your cart.</h3>
    );

    const priceAdjustments = hasItems ? (
        <PriceAdjustments setIsCartUpdating={setIsCartUpdating} />
    ) : null;
    const priceSummary = hasItems ? (
        <PriceSummary isCartUpdating={isCartUpdating} />
    ) : null;

    return (
        <div className={classes.root}>
            <Title>{`Cart - ${STORE_NAME}`}</Title>
            <div className={classes.heading_container}>
                <h1 className={classes.heading}>Cart</h1>
                {signInDisplay}
```

```
            </div>
            <div className={classes.body}>
                <div
className={classes.items_container}>{productListing}</div>
                <div className={classes.price_adjustments_container}>
                    {priceAdjustments}
                </div>
                <div className={classes.summary_container}>
                    <div className={classes.summary_contents}>
                        {priceSummary}
                    </div>
                </div>
                <div className={classes.recently_viewed_container}>
                    <a href="https://jira.corp.magento.com/browse/PWA-270">
                        Recently Viewed to be completed by PWA-270.
                    </a>
                </div>
            </div>

            <RelatedProducts categoryId={3}
position={'cart_content_bottom'}/>
        </div>
    );
};

export default CartPage;
```

2. Add the edited file into the override map of standard components *componentOverrideMapping.js*

```
[`@magento/venia-ui/lib/components/CartPage/cartPage.js`]:
'src/lib/components/CartPage/cartPage.js',
```

```
module.exports = componentOverride = {
    [`@magento/venia-ui/lib/RootComponents/Category/category.js`]:
'src/lib/RootComponents/Category/category.js',
    [`@magento/venia-ui/lib/RootComponents/Product/product.js`]:
'src/lib/RootComponents/Product/product.js',
    [`@magento/venia-ui/lib/components/CartPage/cartPage.js`]:
'src/lib/components/CartPage/cartPage.js',
};
```

3. Run the Watch command: *'yarn watch'.*

Additional packages (provided in composer suggestions)

To make additional functionality available, please install the suggested packages you may need.

Available with **no additional fees**:

- **amasty/customers-also-viewed-graphql** - Install this module to activate Graphql and Automatic Related Products integration.

Available as a part of an active product **subscription** or support subscription:

- **amasty/module-mostviewed-hyva** - Install this package to ensure the Automatic Related Products extension works with Hyvä Theme.
- **amasty/module-mostviewed-hyva-checkout** - Install this package to ensure the Automatic Related Products extension works with Hyvä Checkout.
- **amasty/module-mostviewed-export-entity** - Install this package for Export Bundles compatibility.
- **amasty/module-mostviewed-import-entity** - Install this package for Import Bundles compatibility.
- **amasty/module-related-product-sales-report** - Install this package for the ability to collect data on Related Product Sales.
- **amasty/module-automatic-related-products-subscription-functionality** - Install this package for the possibility of Multiple Related Products Blocks displaying.

FAQ

Why a bundle pack is not displayed on the frontend?

I’ve set up a rule with the ‘same as’ condition, but it doesn’t seem to work.

Why taxes are applied to bundle products after discount?

Why can’t I use an attribute as a condition in Where to Display and Products to Display tabs?

If there are several rules applicable for the same product on the same block, will several related product blocks be displayed?

I've set up an automatic related rule based on a custom attribute, but nothing is displayed on the front-end. What might be the problem here?

Find more questions and answers here.

You can also explore some best practices of product recommendations in our recent **blog article**.

From:
https://amasty.com/docs/ - **Amasty Extensions FAQ**

Permanent link:
https://amasty.com/docs/doku.php?id=magento_2:automatic_related_products

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