

**amasty**

For more details see how the [Shipping Table Rates](#) extension works.

# Guide for Shipping Table Rates for Magento 2

Create numerous flexible shipping methods based on multiple separate rates which can use following parameters as trigger conditions: Country, State, City, Postcode, specific Shipping Type, subtotal, weight, and quantity. For each combination of such conditions you can set a Base Rate for the Order, a Percentage per Product, a Fixed Rate per Product, a Fixed Rate per 1 unit of weight (volumetric weight is included!).

**Now you can generate ideal shipping rates and feel a great benefit.**

Interested? See how the “Shipping Table Rates for Magento 2” extension works.

1. The extension creates a specific carrier (named by default Shipping Table Rates).
2. The carrier contains shipping methods with different shipping rates. The number of possible shipping methods, as well as the number of shipping rates, are not limited.
3. Each rate is configurable - you can choose conditions of its application. Available conditions are Country, State, City, Zip Code, Quantity, Weight, Price, Shipping Type.
4. You can also set various rates' types:
  - a Base Rate for the Order;
  - a Percentage per Product;
  - a Fixed Rate per Product;
  - a Fixed Rate per 1 unit of weight;
5. Calculates the rates for the order and displays to customers the available delivery methods.

Still not clear what cases does the extension cover? Let's see the example.

You deliver kids toys to the Netherlands and Poland. To the Netherlands - by train and by airlines, to Poland - only by train (these are your shipping methods).

The shipping method is the way of physical relocation of products. You can ship the order to a customer located in the Netherlands either by train or by airlines. But you can not combine the methods for the same order!

You've set up the next shipping rates for each method:

- 1) The Netherlands, train (15 days delivery):
  - 10% of the order amount;
- 2) The Netherlands, airlines (3 days delivery):

- \$25 for the order (the weight is less than 5 kilos);
- \$35 for the order (the weight equals or greater than 5 kilos, but does not exceed 15 kilos).

3) Poland, train (7 days delivery):

- \$15 for the order (the quantity is less than 15 items);
- \$20 for the order (the quantity equals or greater than 15 items);

This is how the mentioned conditions will be displayed in the table of the Shipping Table Rates:

Search Reset Filter

Actions

3 records found

20 per page

< 1 of 1 >

ID	Name	Is Active
7	Poland, train (7 days delivery)	Active
6	The Netherlands, airlines (7 days delivery)	Active
5	The Netherlands, train (7 days delivery)	Active

Search Reset Filter

2 records found

20 per page

< 1 of 1 >

Country	State	City	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
Netherlands					0.00	99999999.00	0.0000	5.0000	0.00	99999999.00		25.00	0.00	0.00	0.00	3	Delete
Netherlands					0.00	99999999.00	5.0000	15.0000	0.00	99999999.00		35.00	0.00	0.00	0.00	3	Delete

Search Reset Filter

1 records found

20 per page

< 1 of 1 >

Country	State	City	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
Netherlands					0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		0.00	10.00	0.00	0.00	15	Delete

Search Reset Filter

2 records found

20 per page

< 1 of 1 >

Country	State	City	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
Poland					0.00	99999999.00	0.0000	99999999.0000	0.00	15.00		15.00	0.00	0.00	0.00	7	Delete
Poland					0.00	99999999.00	0.0000	99999999.0000	15.00	99999999.00		20.00	0.00	0.00	0.00	7	Delete

This is how the shipping rates will be displayed to different customers:

A customer from the Netherlands, who placed the order for the total amount of \$75, total weight - 3 kilos	The rates available: <ul style="list-style-type: none"><li>- Train (15 days delivery) - \$7,5</li><li>- Airlines (3 days delivery) - \$25</li></ul>
A customer from the Netherlands, who placed the order for the total amount of \$105, total weight - 7 kilos	The rates available: <ul style="list-style-type: none"><li>- Train (15 days delivery) - \$10,5</li><li>- Airlines (3 days delivery) - \$25</li></ul>
A customer from the Netherlands, who placed the order for the total amount of \$390, total weight - 16 kilos	The rates available: <ul style="list-style-type: none"><li>- Train (15 days delivery) - \$39</li></ul>
A customer from Poland, who placed the order, consisting of 5 items	The rates available: <ul style="list-style-type: none"><li>- Train (7 days delivery) - \$15</li></ul>
A customer from Poland, who placed the order, consisting of 25 items	The rates available: <ul style="list-style-type: none"><li>- Train (7 days delivery) - \$20</li></ul>

Due to the extension, you can bring to life boundless ideas of rates application:

- set fixed rates per each product in the cart;
- set percent rates;
- specify special rates for particular products or product categories;
- use volumetric attributes and others.

Thoroughly explore the possibilities of Shipping Table Rates for Magento 2 extension with the user guide.

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## Usage Examples

### 1. Elementary example: free shipping for any order

Let us start with a quick example: we just set a zero shipping cost regardless of the products in the cart.

To achieve this we create a method with a single rate:

## METHOD OPTIONS

General 

Labels

Stores &amp; Customer Groups

Import

Methods and Rates

## General

Name \* Free Shipping For Everyone

Specify the "estimated delivery" value for the {day} variable on the Rate Configuration page or it will be automatically taken from the uploaded CSV file. Specify the "delivery name" value for the {name} variable on the Rate Configuration page or it will be automatically taken from the uploaded CSV file.

Ship These Shipping Types for Free



Products will be sent for free if the method does not contain rates applicable for them. If there will be no applicable rates in the method it won't be displayed as products with Shipping Types above will be ignored in calculations.

Comment

&lt;b&gt;Free Shipping For Everyone&lt;/b&gt;

HTML tags <b>, <u>, <i>, <s> are supported. For example: This is a <b>Bold text</b>. To learn more, refer to this page: [https://www.w3schools.com/html/html\\_css.asp](https://www.w3schools.com/html/html_css.asp)

Image

Browse...

No file selected.

Please use {IMG} in Comment field to insert an image

Status

Active

Priority

0

## Rates

Minimal rate

0.00

Maximal rate

0.00

For products with different shipping types

Sum up rates



Weight Type For Calculation

Min of V. Weight and Weight



Destination

Country

All

▼

State

Please select a region, state or province.

▼

City

Zip From

Zip To

Conditions

Weight From

0

Weight To

99999999

Qty From

0

Qty To

99999999

Shipping Type

All

▼

Price From

0

Original product cart price, without discounts.

Price To

99999999

Original product cart price, without discounts.

Estimated Delivery (days)

This value will be used for the {day} variable in the Method name

Rate

Base Rate for the Order

Percentage per Product

Fixed Rate per Product

Fixed Rate per 1 unit of weight

METHOD OPTIONS

General

Labels

Stores & Customer Groups

Import

Methods and Rates

Export to: CSV Export Add New Rate

20 per page 1 of 1

Search Reset Filter 1 records found


Country	State	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		0.00	0.00	0.00	0.00		Delete

No area conditions

No cart items conditions

Cost is equal to 0

## Shopping Cart

Item	Price	Qty	Subtotal
 <div>Push It Messenger Bag</div>	\$45.00	1	\$45.00

Update Shopping Cart

Apply Discount Code

### Summary

#### Estimate Shipping and Tax

Country \*

United States

State/Province

New Jersey

Zip/Postal Code

07105

#### Best Way

Table Rate \$15.00

#### Flat Rate

Fixed \$5.00

#### Shipping Table Rates

Free Shipping for Everyone \$0.00

Subtotal \$45.00

Discount -\$9.00

Tax \$0.00

Order Total Incl. Tax \$36.00

Order Total Excl. Tax \$36.00

## 2. Flat rates

Magento out of the box has Flat Rate shipping. It allows the setting of a fixed price per item or per order. Amasty Shipping Table Rates allows to cover and extend this functionality.

Cost per order is set in the "Base Rate for the Order" field.

## Destination

Country	<input type="text" value="All"/>
State	<input type="text" value="All"/>
Zip From	<input type="text"/>
Zip To	<input type="text"/>

## Conditions

Weight From	<input type="text" value="0.0000"/>
Weight To	<input type="text" value="99999999.0000"/>
Qty From	<input type="text" value="0.00"/>
Qty To	<input type="text" value="99999999.00"/>
Shipping Type	<input type="text" value="All"/>
Price From	<input type="text" value="0.00"/> <small>Original product cart price, without discounts.</small>
Price To	<input type="text" value="99999999.00"/> <small>Original product cart price, without discounts.</small>
Estimated Delivery (days)	<input type="text"/> <small>This value will be used for the {day} variable in the Method name</small>


## Rate

Base Rate for the Order	<input type="text" value="10"/>
Percentage per Product	<input type="text" value="0.00"/>
Fixed Rate per Product	<input type="text" value="0.00"/>
Fixed Rate per 1 unit of weight	<input type="text" value="0.00"/>

On the frontend, it does not depend on cart entries. If we add more products to cart, it'll remain unchanged.



# Shopping Cart

Item	Price	Qty	Subtotal
<div><div>Push It Messenger Bag</div></div>	\$45.00	1	\$45.00

Update Shopping Cart

Apply Discount Code

Summary

Estimate Shipping and Tax

Country

United States

State/Province

New Jersey

Zip/Postal Code

07105

Best Way

Table Rate \$15.00

Flat Rate

Fixed \$5.00

Shipping Table Rates

Test method: Free Shipping for Everyone \$10.00







Subtotal\$45.00


Discount-\$9.00

Tax\$0.00

Order Total Incl. Tax\$36.00


# Shopping Cart


Item		Price	Qty	Subtotal
	Push It Messenger Bag	\$45.00	<input type="text" value="1"/>	\$45.00
 				
	Compete Track Tote	\$32.00	<input type="text" value="1"/>	\$32.00
 				


[Apply Discount Code](#) 

[Update Shopping Cart](#)


### Summary

Estimate Shipping and Tax 

Country   

United States 

State/Province  

Please select a region, state or provi 

Zip/Postal Code

**Best Way**  
☐ Table Rate \$10.00

**Flat Rate**  
☐ Fixed \$10.00

**Shipping Table Rates**  
☐ Test method: Free Shipping for Everyone \$10.00

Subtotal	\$77.00
Discount	-\$15.40
Tax	\$0.00
<b>Order Total Incl. Tax</b>	<b>\$61.60</b>
<b>Order Total Excl. Tax</b>	<b>\$61.60</b>

[Proceed to Checkout](#)

[Check Out with Multiple Addresses](#)

“Rate per product” is added for each item:

Destination

Country

All

State

All

Zip From

Zip To

Conditions

Weight From

0.0000

Weight To

99999999.0000

Qty From

0.00

Qty To

99999999.00

Shipping Type

All

Price From

0.00

Original product cart price, without discounts.

Price To

99999999.00

Original product cart price, without discounts.

Estimated Delivery (days)

This value will be used for the {day} variable in the Method name

Rate

Base Rate for the Order

10.00

Percentage per Product

0.00



Fixed Rate per Product

15

Fixed Rate per 1 unit of weight

0.00

# Shopping Cart

Item	Price	Qty	Subtotal
 Push It Messenger Bag	\$45.00	<input type="text" value="1"/>	\$45.00
 Complete Track Tote	\$32.00	<input type="text" value="1"/>	\$32.00



Update Shopping Cart

[Apply Discount Code](#) ▾

## Summary

Estimate Shipping and Tax ^

Country \*

United States ▾

State/Province

New Jersey ▾

Zip/Postal Code

07105

Best Way

☐ Table Rate \$10.00

Flat Rate

☐ Fixed \$10.00    10 + 15 + 15

Shipping Table Rates

☐ Test method: Free Shipping for Everyone \$40.00

Subtotal \$77.00

Discount -\$15.40

Tax \$0.00


Order Total Incl. Tax \$61.60

Order Total Excl. Tax \$61.60

Proceed to Checkout

[Check Out with Multiple Addresses](#)

# Shopping Cart

Item		Price	Qty	Subtotal
	Push It Messenger Bag	\$45.00	1	\$45.00

[Update Shopping Cart](#)[Apply Discount Code](#) ▾

## Summary

[Estimate Shipping and Tax](#) ^

Country \*

United States ▾

State/Province

Please select a region, state or provi ▾

Zip/Postal Code

### Best Way

☐ Table Rate \$15.00

### Flat Rate

☐ Fixed \$5.00**10 + 15**

### Shipping Table Rates

☐ Test method: Free Shipping for Everyone \$25.00

Subtotal	\$45.00
Discount	-\$9.00
Tax	\$0.00

**Order Total Incl. Tax \$36.00****Order Total Excl. Tax \$36.00**[Proceed to Checkout](#)[Check Out with Multiple Addresses](#)

“Rate per unit of weight” is added for each lbs/kg:

# Rate Configuration

Country

All

State

All

Zip From

Zip To

## Conditions

Weight From

0.0000

Weight To

99999999.0000

Qty From

0.00

Qty To

99999999.00

Shipping Type

All

Price From

0.00

Original product cart price, without discounts.

Price To

99999999.00

Original product cart price, without discounts.

Estimated Delivery (days)

This value will be used for the {day} variable in the Method name

## Rate

Base Rate for the Order

10.00

Percentage per Product

0.00

Fixed Rate per Product

15.00

Fixed Rate per 1 unit of weight

1.00

“Percentage per Product” makes shipping cost connected to products price:

## Rate Configuration

Country

State

Zip From

Zip To

### Conditions

Weight From

Weight To

Qty From

Qty To

Shipping Type

Price From

Original product cart price, without discounts.

Price To

Original product cart price, without discounts.

Estimated Delivery (days)

This value will be used for the {day} variable in the Method name

### Rate

Base Rate for the Order



Percentage per Product

Fixed Rate per Product

Fixed Rate per 1 unit of weight



# Shopping Cart

Item	Price	Qty	Subtotal
 Push It Messenger Bag	\$45.00	1	\$45.00
 Impulse Duffle	\$74.00	1	\$74.00

[Apply Discount Code](#) [Update Shopping Cart](#)

### Summary

Estimate Shipping and Tax

Country \*  
United States

State/Province  
New Jersey

Zip/Postal Code  
07105

**Best Way**  
☐ Table Rate \$5.00

**Flat Rate**  
☐ Fixed \$10.00 **119 / 100 x 10**

**Shipping Table Rates**  
☐ Test method: Free Shipping for Everyone \$11.90

Subtotal	\$119.00
Discount	-\$23.80
Tax	\$0.00
<b>Order Total Incl. Tax</b>	<b>\$95.20</b>
<b>Order Total Excl. Tax</b>	<b>\$95.20</b>

[Proceed to Checkout](#)

[Check Out with Multiple Addresses](#)

## 3. Areas

Shipping cost may be based on delivery area. The name of the area can be shown using {day} variable.

METHOD OPTIONS

General

Labels

Stores & Customer Groups

Import

Methods and Rates

General

Name \*

Test method: shipping (day)

Specify the "estimated delivery" value for the {day} variable on the Rate Configuration page or it will be automatically taken from the uploaded CSV file

Ship These Shipping Types for Free

Products will be sent for free if the method does not contain rates applicable for them. If there will be no applicable rates in the method it won't be displayed as products with Shipping Types above will be ignored in calculations.

Comment

HTML tags supported

Status

Active

METHOD OPTIONS

General

Labels

Stores & Customer Groups

Import

Methods and Rates

Search

Reset Filter

2 records found

Export to:

CSV

Export

Add New Rate

20

per page

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>

Country	State	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
United States				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		10.00	0.00	0.00	0.00	to USA, 3 days	Delete
Canada				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		30.00	0.00	0.00	0.00	to Canada, 5 days	Delete

## Destination



Country	<input type="text" value="Canada"/>
State	<input type="text" value="All"/>
Zip From	<input type="text"/>
Zip To	<input type="text"/>


## Conditions

Weight From	<input type="text" value="0.0000"/>
Weight To	<input type="text" value="9999999.0000"/>
Qty From	<input type="text" value="0.00"/>
Qty To	<input type="text" value="9999999.00"/>
Shipping Type	<input type="text" value="All"/>
Price From	<input type="text" value="0.00"/> <small>Original product cart price, without discounts.</small>
Price To	<input type="text" value="9999999.00"/> <small>Original product cart price, without discounts.</small>
Estimated Delivery (days)	<input type="text" value="to Canada, 5 days"/> <small>This value will be used for the {day} variable in the Method name</small>

The method's title differs according to the location.


# Shopping Cart


Item	Price	Qty	Subtotal
	Push It Messenger Bag \$45.00	<input type="text" value="1"/>	\$45.00
	Impulse Duffle \$74.00	<input type="text" value="1"/>	\$74.00


[Apply Discount Code](#) 

Update Shopping Cart


### Summary

Estimate Shipping and Tax 

Country   

United States 

State/Province  

New Jersey 

Zip/Postal Code  

07105

Best Way  

☐ Table Rate \$5.00

Flat Rate  

☐ Fixed \$10.00

Shipping Table Rates  

☐ Test method: shipping to USA, 3 days \$10.00

Subtotal \$119.00



Discount -\$23.80

Tax \$0.00

Order Total Incl. Tax \$95.20

Order Total Excl. Tax \$95.20

# Shopping Cart

Item		Price	Qty	Subtotal
	Push It Messenger Bag	\$45.00	1	\$45.00
	Impulse Duffle	\$74.00	1	\$74.00

Update Shopping Cart

[Apply Discount Code](#) ▾

## Summary

Estimate Shipping and Tax

Country

Canada

State/Province

Manitoba

Zip/Postal Code

R1B 2C3

Flat Rate

☐ Fixed \$10.00

Shipping Table Rates

☐ Test method: shipping to Canada, 5 days \$30.00

Subtotal \$119.00

Discount -\$23.80

Tax \$0.00

Order Total Incl. Tax \$95.20

Order Total Excl. Tax \$95.20

Proceed to Checkout

[Check Out with Multiple Addresses](#)

## 4. Tiniest match rule

Sometimes, we see that more than one rate can be applied simultaneously. For example, there are two rates: a rate for all countries and a rate for USA only.

METHOD OPTIONS																
General																
Labels																
Stores & Customer Groups																
Import																
Methods and Rates																

Search [Reset Filter](#) 2 records found

Export to: CSV Export [Add New Rate](#)

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Country	State	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FBPP	FRPUW	Estimated Delivery (days)	Action
United States				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		10.00	0.00	0.00	0.00	to USA, 3 days	Delete
				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		30.00	0.00	0.00	0.00	to any country, 15 days	Delete

When the field is filled with "ALL", it is displayed as blank.

Respectively, it is a bit ambiguous what rate should be loaded for USA orders. Some people expect that we will see two methods on the storefront.

If two methods are applicable, the extension checks for the tiniest match. In our case, "Country = USA" is closer than "County = Any", so the USA rate will be loaded.

## Shopping Cart

Item		Price	Qty	Subtotal
	Push It Messenger Bag	\$45.00	<input type="text" value="1"/>	\$45.00
	Impulse Duffle	\$74.00	<input type="text" value="1"/>	\$74.00

Update Shopping Cart

### Summary

Estimate Shipping and Tax

Country \*  
United States

State/Province  
New Jersey



Zip/Postal Code  
07105

Best Way  
☐ Table Rate \$5.00

Flat Rate  
☐ Fixed \$10.00

Shipping Table Rates  
☐ Test method: shipping to USA, 3 days \$10.00

# Shopping Cart

Item	Price	Qty	Subtotal
 Push It Messenger Bag	\$45.00	1	\$45.00
 Impulse Duffle	\$74.00	1	\$74.00

Update Shopping Cart

Apply Discount Code ▾

### Summary

Estimate Shipping and Tax ^

Country \*  
United Kingdom ▾

State/Province  
▾

Zip/Postal Code  
AB1 2CD

**Flat Rate**  
☐ Fixed \$10.00

**Shipping Table Rates**  
☐ Test method: shipping to any country, 15 days \$30.00

Subtotal	\$119.00
Discount	-\$23.80
Tax	\$0.00
<b>Order Total Incl. Tax</b>	<b>\$95.20</b>
<b>Order Total Excl. Tax</b>	<b>\$95.20</b>

**Proceed to Checkout**

[Check Out with Multiple Addresses](#)

If you need both options to be displayed, you are to create two separate shipping methods.

The same applies to states and ZIP-codes. To learn more about it, please, check this article: [blog post](#).

Magento 2 Shipping Table Rates is compatible with **Multi Address Checkout**. Thus you can enable your customers to ship an order to multiple addresses during checkout, and determine the maximum number of addresses to which an order can be shipped.

## 5. Combining rates with shipping types

Oftentimes, you have different rates for different products. For example, you divide your catalogue by weight, price, category or any other key feature. For these cases, it is handy to use shipping types.

Shipping type is a product attribute which is added by Amasty Shipping Table Rates. Values of this attribute can be set in **Admin panel > Stores > Attributes > Product > am\_shipping\_type**.

ATTRIBUTE INFORMATION

Properties

Manage Labels

Storefront Properties

Attribute Properties

Default Label

Shipping Type

Catalog Input Type for Store Owner

Dropdown

Values Required

No

Manage Options (Values of Your Attribute)

Is Default	Admin	Default Store View	
<div><div></div></div>	<div>heavy</div>	<div></div>	<div>Delete</div>
<div><div></div></div>	<div>light</div>	<div></div>	<div>Delete</div>
<div>Add Option</div>			

Advanced Attribute Properties

If types are created, they can be assigned to products:



<b>Color</b> [global]	<input type="text"/>
<b>Strap/Handle</b> [global]	<div>Adjustable Cross Body Detachable Double Padded Shoulder</div>
<b>Features</b> [global]	<div>Audio Pocket Wheeled Hydration Pocket Audio Pocket Flapover Waterproof</div>
<b>Eco Collection</b> [global]	<input type="checkbox"/> No
<b>Performance Fabric</b> [global]	<input type="checkbox"/> No
<b>Erin Recommends</b> [global]	<input type="checkbox"/> No
<b>New</b> [global]	<input type="checkbox"/> No
<b>Sale</b> [global]	<input type="checkbox"/> No
<b>Shipping Type</b> [store view]	<div>light</div>

## Content

When shipping types are assigned to products, products in the cart are grouped by them. Each of

these groups may have its own rate.

Destination

Country

All

▼

State

All

▼

Zip From

Zip To

Conditions

Weight From

0.0000

Weight To

99999999.0000

Qty From

0.00

Qty To

99999999.00

Shipping Type

All

▲

All

heavy

light

Price From

Original product cart price, without discounts.

Price To

999999999.99

Original product cart price, without discounts.

Estimated Delivery (days)

This value will be used for the {day} variable in the Method name

METHOD OPTIONS

General

Labels

Stores & Customer Groups

Import

Methods and Rates

General

Name \*

Test method: shipping (day)

Specify the "estimated delivery" value for the (day) variable on the Rate Configuration page or it will be automatically taken from the uploaded CSV file

Ship These Shipping Types for Free

heavy

light

Products will be sent for free if the method does not contain rates applicable for them. If there will be no applicable rates in the method it won't be displayed as products with Shipping Types above will be ignored in calculations.

Comment

HTML tags supported

Status

Active

METHOD OPTIONS

General

Labels

Stores & Customer Groups

Import

Methods and Rates

Search

Reset Filter

3 records found

Export to:

CSV

Export

Add New Rate

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per page

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>

State	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
			0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00	heavy	0.00	0.00	20.00	0.00		Delete
			0.00	99999999.00	0.0000	99999999.9999	0.00	99999999.00	light	0.00	0.00	5.00	0.00		Delete
			0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		0.00	0.00	12.50	0.00		Delete

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# Shopping Cart

Item	Price	Qty	Subtotal
 Push It Messenger Bag <b>Shipping type is "heavy", the cost is \$20.</b>	\$45.00	1	\$45.00
 			
 Impulse Duffle <b>Shipping type is "light", the cost is \$5.</b>	\$74.00	1	\$74.00
 			
 Joust Duffle Bag <b>Shipping type is not assigned, "ALL" is used.</b>	\$27.20	1	\$27.20
 			

Update Shopping Cart

[Apply Discount Code](#) 

When we deal with a mixed-type card, it is not defined explicitly what rate should be used. Store managers can resolve the issue by configuring the extension and its rates.

According to the tiniest math rule, if there is a rate for all shipping types and a rate for a specific one, the later is chosen. That is why we have a number of applicable rates. We can use the minimum, the maximum one, or the sum of rates.

## Rates

Minimal rate

0.00

Maximal  
rate

0.00

For products  
with  
different  
shipping  
types

Sum up rates




Sum up rates

Select maximal rate

Select minimal rate

The most common case is “Sum up rates”:

## Shopping Cart

Item		Price	Qty	Subtotal
	Push It Messenger Bag	\$45.00	1	\$45.00
	Impulse Duffle	\$74.00	1	\$74.00
	Joust Duffle Bag	\$27.20	1	\$27.20

[Apply Discount Code](#) ▾[Update Shopping Cart](#)

### Summary

[Estimate Shipping and Tax](#) ^

Country \*

United States ▾

State/Province

New Jersey ▾

Zip/Postal Code

07105

Best Way

☐ Table Rate \$5.00

Flat Rate

☐ Fixed \$15.00  $20 + 5 + 12.5$ 

Shipping Table Rates

☐ Test method: shipping \$37.50

Subtotal \$146.20

Discount -\$29.24

Tax \$0.00

Order Total Incl. Tax \$116.96

Order Total Excl. Tax \$116.96

[Proceed to Checkout](#)[Check Out with Multiple Addresses](#)

In the Rates tab, you can also choose the weight type to use in calculations:

## Rates

Minimal rate

0.00

Maximal rate

0.00

For products with  
different shipping  
types

Sum up rates

Weight Type For  
Calculation

Max of V. Weight and Weight

Volumetric Weight

Weight

Max of V. Weight and Weight

Min of V. Weight and Weight

For the correct work of this option, you should preliminary add volume weight attribute to your products, and then fill in the values for products' **Weight** and **Volume Weight**.

	ID	Thumbnail	Name ↓	Attribute Set	SKU	Price	Salable Quantity	Visibility	Status	Weight	volume weight	Action
<input type="checkbox"/>	9		Compete Track Tote	Bag	24-WB02	\$32.00	Default Stock: 100	Catalog, Search	Enabled	9.000000	17	<a href="#">Edit</a>
<input type="checkbox"/>	3		Crown Summit Backpack	Bag	24-MB03	\$38.00	Default Stock: 100	Catalog, Search	Enabled	12.000000	15	<a href="#">Edit</a>

You can find more information about these settings in the [Shipping Method Settings](#) section of this guide.

Also, it is possible to disable grouping products by shipping type. For that, please go to **Admin panel > System > Configuration > Sales > Shipping Methods > Shipping Table Rates > Use only one shipping type for shipping method.**

Andorra  
Angola  
Anguilla  
Antarctica  
Antigua & Barbuda

**Displayed Error Message**  
[store view]
 This shipping method is currently unavailable. If you would like to ship using this shipping method, please contact us.

**Allow Free Shipping Promotions**  
[store view]
 Yes

**Ignore Price and Quantity of Virtual Products**  
[store view]
 Yes

**Compare post codes as**  
[store view]
 Strings, e.g. AB2%

**Use price AFTER discount**  
[store view]
 No

**Use price INCLUDING tax**  
[store view]
 No

**Sort order**  
[store view]
 100

**Use only one shipping type for shipping method**  
[store view]
 No

**Show Method if Not Applicable**  
[website]
 No

**Shipping Type for configurable products**  
[store view]
 From associated products

**Shipping Type for bundle products:**  
[store view]
 As in "Ship Bundle Items" setting

**Volume weight**  
[store view]
 Volumetric weight attribute

**Volumetric weight attribute**  
[store view]
 None

When this option is enabled, the mixed-type card may use rates for "All" shipping type only. For example:




METHOD OPTIONS  
General  
Labels  
Stores & Customer Groups  
Import  
Methods and Rates


Export to: CSV Export Add New Rate

20 per page 1 of 1

Country	State	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00	heavy	0.00	0.00	20.00	0.00		Delete
				0.00	99999999.00	0.0000	99999999.9999	0.00	99999999.00	light	0.00	0.00	5.00	0.00		Delete
				0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		0.00	0.00	100.00	0.00		Delete


# Shopping Cart


Item		Price	Qty	Subtotal
	Push It Messenger Bag	\$45.00	<input type="text" value="1"/>	\$45.00
	Impulse Duffle	\$74.00	<input type="text" value="1"/>	\$74.00
	Joust Duffle Bag	\$27.20	<input type="text" value="1"/>	\$27.20


[Apply Discount Code](#) 

Update Shopping Cart


## Summary

Estimate Shipping and Tax 

Country   

United States 

State/Province  

New Jersey 

Zip/Postal Code  

07105

Best Way  

☐ Table Rate \$5.00

Flat Rate **When disabled**  

☐ Fixed \$15.00

Shipping Table Rates

☐ Test method: shipping \$125.00

Subtotal

\$146.20

Discount

-\$29.24

Tax

\$0.00

Order Total Incl. Tax

\$116.96

Order Total Excl. Tax




\$116.96

Proceed to Checkout

[Check Out with Multiple Addresses](#)



# Shopping Cart

Item	Price	Qty	Subtotal
 Push It Messenger Bag	\$45.00	<input type="text" value="1"/>	\$45.00
 Impulse Duffie	\$74.00	<input type="text" value="1"/>	\$74.00
 Joust Duffie Bag	\$27.20	<input type="text" value="1"/>	\$27.20

[Update Shopping Cart](#)

[Apply Discount Code](#) ▾

### Summary

Estimate Shipping and Tax ^

Country ▾  
United States

State/Province ▾  
New Jersey

Zip/Postal Code

**Best Way**

☐ Table Rate \$5.00

**Flat Rate**

☐ Fixed \$15.00 **When enabled**

**Shipping Table Rates**

☐ Test method: shipping \$300.00

Subtotal	\$146.20
Discount	-\$29.24
Tax	\$0.00
<b>Order Total Incl. Tax</b>	<b>\$116.96</b>
<b>Order Total Excl. Tax</b>	<b>\$116.96</b>

[Proceed to Checkout](#)

[Check Out with Multiple Addresses](#)

## General Settings

To configure general settings, go to **Stores → Configuration → Shipping Methods → Amasty Shipping Table Rates**

<b>Enabled for Checkout</b> <small>[store view]</small>	<input type="text" value="Yes"/>
<b>Title</b> <small>[store view]</small>	<input type="text" value="Shipping Table Rates"/>
<b>Ship to Applicable Countries</b> <small>[website]</small>	<input type="text" value="All Allowed Countries"/>
<b>Ship to Specific Countries</b> <small>[website]</small>	<div><div>Afghanistan</div><div>Åland Islands</div><div>Albania</div><div>Algeria</div><div>American Samoa</div><div>Andorra</div><div>Angola</div><div>Anguilla</div><div>Antarctica</div><div>Antigua and Barbuda</div></div>
<b>Displayed Error Message</b> <small>[store view]</small>	<div>This shipping method is currently unavailable. If you would like to ship using this shipping method, please contact us.</div>
<b>Allow Free Shipping Promotions</b> <small>[store view]</small>	<input type="text" value="Yes"/>
<b>Ignore Price and Quantity of Virtual Products</b> <small>[store view]</small>	<input type="text" value="Yes"/>
<b>Compare post codes as</b> <small>[store view]</small>	<input type="text" value="Numbers, e.g. from 111 to 222 or from AB2 to AB19"/>
<b>Use price AFTER discount</b> <small>[store view]</small>	<input type="text" value="Yes"/>
<b>Use price INCLUDING tax</b> <small>[store view]</small>	<input type="text" value="No"/>
<b>Sort order</b> <small>[store view]</small>	<input type="text" value="100"/>
<b>Use only one shipping type for shipping method</b> <small>[store view]</small>	<input type="text" value="No"/>
<b>Show Method if Not Applicable</b> <small>[website]</small>	<input type="text" value="No"/>
<b>Shipping Type for bundle products:</b> <small>[store view]</small>	<input type="text" value="As in 'Ship Bundle Items' setting"/>
<b>Shipping Type for configurable products</b> <small>[store view]</small>	<input type="text" value="From associated products"/>
<b>Volume weight</b> <small>[store view]</small>	<input type="text" value="Volumetric weight attribute"/>
<b>Volumetric weight attribute</b> <small>[store view]</small>	<input type="text" value="None"/>

- **Enabled for Checkout** - specify if a shipping carrier should be available in the store view.
- **Title** - the shipping carrier's name, which will be displayed above the list of its shipping methods.
- **Ship to applicable countries** - define if the shipping methods of the carrier are allowed to all countries or to the specific ones.
- **Ship to Specific countries** - choose the countries to which the shipping by the carrier is available. The option becomes active only when the **Ship to applicable countries** setting is set to **Specific Countries**.
- **Displayed Error Message** - specify the error message that will be displayed to customers when shipping methods of the carrier are not available.
- **Allow Free Shipping Promotions** - enable if you want Free Shipping from Shopping Cart Price Rules to be applied to the shipping methods of the carrier.
- **Ignore Price and Quantity of Virtual Products** - enable the option to exclude Virtual products' quantity and price from the rates calculations based on Price and Quantity conditions.
- **Compare postcodes as:** - choose one of the available modes to specify the postcodes' format: **Numbers** mode or **Strings** mode. Please check the [blog post](#) for more information on postcodes processing.
- **Use price AFTER discount** - enable to use the prices after discounts application for rates generation.
- **Use price INCLUDING tax** - choose which prices should be used for the generation of rates: including tax/VAT or without tax/VAT.
- **Sort order** - determine the place of a Table Rate carrier in the list of shipping carriers. To place a carrier on the top of the list, the value '0' should be specified.
- **Use only one shipping type for shipping method** - enable to apply the Shipping Type "All" to carts containing products with different shipping types. This means, that the option limits the application of different rates to the one cart. When the cart contains products with different shipping types, the rate with the Shipping Type "All" will be applied.
- **Show Method if Not Applicable** - set to **Yes** to show to customers the methods, when they are not applicable. The error message will inform the customers about the unavailability of the methods displayed.
- **Shipping Type for bundle products** - the option controls which shipping types will be assigned to bundle products. When it is set to **As in Ship Bundle Items setting**, the system will check the mentioned setting in a bundle product configuration settings. When set to **From bundle product**, the shipping type assigned to bundle products will be used. If set to **From items in the bundle**, shipping types assigned to each product in the bundle will be used.

Two values are available for the **Ship Bundle Items** setting: **Together** and **Separately**. When the value **Together** is chosen, the Shipping Type will be taken from a bundle product. When the setting is set to **Separately**, the Shipping Type will be taken from simple products contained in the bundle.

- **Shipping Type for configurable products** - the option controls which shipping types will be assigned to configurable products. Set to **From associated products** or **From parent product** to take the Shipping Type value from associated simple products or from a parent configurable product accordingly.
- **Volume weight** - choose the way to calculate a shipping rate based on a volumetric weight:
  1. **Volumetric weight attribute** - choose the option to use the already calculated volumetric weight value. You need to create a volumetric weight attribute and specify its value for the items manually.
  2. **Volume attribute** - when choosing this option, the volumetric weight will be calculated based

on the item's volume and shipping factor. You need to create a volume attribute, specify its value for the items and also set a shipping factor (use the DIM Factor published by your courier company to establish the dimensional weight).

3. **Dimensions attribute** - choose the option to make the volumetric weight to be calculated based on the item's dimensions. To use this option, you need to create a dimension attribute, specify its value for the items and determine the shipping factor (Use the DIM Factor published by your courier company to establish the dimensional weight).
4. **Separate dimension attribute** - choose this option in case you have the attributes for each particular dimensions parameter (height\*length\*width). Specify the shipping factor as well (Use the DIM Factor published by your courier company to establish the dimensional weight).

For more information about volume weight calculation methods, please go to the **Volume weight settings** section.

## Shipping Method Settings

### General Settings & Rates

To configure shipping methods settings please go to **Sales > Amasty Shipping Table Rates**

## Methods

  admin ▾

Add New

Search

[Reset Filter](#)

Actions ▾

4 records found

20 ▾

per page

<

1

of 1

>

<input type="checkbox"/>	ID	Name	Is Active
<input type="checkbox"/> Any ▾	<input type="text"/>	<input type="text"/>	<input type="text"/> ▾
<input type="checkbox"/>	4	Australia post {day} days	Active
<input type="checkbox"/>	3	Worldwide Shipping	Active
<input type="checkbox"/>	2	US by weight	Active
<input type="checkbox"/>	1	US Ground	Active

You can both create a new shipping method or correct the existing ones. To edit one of the already

created shipping methods, just click on the necessary one in the table. To create a new method, click the **Add New** button.

## General

Name \*

Australia post {day} days

Specify the "estimated delivery" value for the {day} variable on the Rate Configuration page or it will be automatically taken from the uploaded CSV file.  
Specify the "delivery name" value for the {name} variable on the Rate Configuration page or it will be automatically taken from the uploaded CSV file.

Ship These  
Shipping  
Types for  
Free

light  
medium  
heavy

Products will be sent for free if the method does not contain rates applicable for them. If there will be no applicable rates in the method it won't be displayed as products with Shipping Types above will be ignored in calculations.

Comment

<b>Super Fast Delivery</b>



HTML tags <b>, <u>, <i>, <s> are supported. For example: This is a <b>Bold text</b>. To learn more, refer to this page:  
[https://www.w3schools.com/html/html\\_css.asp](https://www.w3schools.com/html/html_css.asp)

Image

Выберите файл Файл не выбран

Please use {IMG} in Comment field to insert an image

Status

Active

Priority

1

**Name** - give a name to a shipping method that will be shown to customers in the list of available shipping methods (both on the checkout and in the cart).

To provide customers with more complete information, specify the {day} variable in the **Name** field. This variable will draw the information from the **Estimated Delivery (days)** column of the table, provided on the **Methods & Rates** tab. You can also specify the "delivery name" value for the {name} variable on the Rate Configuration page.

A quick example:



## Shipping Methods

<input type="radio"/>	\$5.00	Fixed	Flat Rate
<input checked="" type="radio"/>	\$15.00	Australia post 7 days	Fast delivery

**Ship These Shipping Types for Free** - the products of the selected shipping types will be sent for free if there are no other applicable shipping rates within the method configured for this type. Note, that the setting will be applied only if the order contains the products of other shipping types, besides the selected ones.

In case the cart contains only one product with the specified Shipping Type, the shipping method won't be displayed to customers until you complete either of these actions:

- set a special shipping rate for the mentioned Shipping Type
- set a rate for the Shipping Type = "All".

**Comment** - fill in this field if you want to leave some extra information to customers. The text will be shown on the checkout page and in the cart (under the shipping method's name). Use HTML tags if needed. You can also upload an image to the shipping method and insert the {IMG} variable anywhere you want in the **Comment** field.

**Status** - indicate the shipping method as active or not.

**Priority** - specify the priority of displaying the method on the Shopping Cart/Checkout pages. The table rates will be sorted according to the rate's Priority: the lower value in the Priority field, the higher the method on the storefront.

## Rates

Minimal rate	<input type="text" value="0.00"/>
Maximal rate	<input type="text" value="0.00"/>
For products with different shipping types	<div> Sum up rates ▼ <ul style="list-style-type: none"> <li>Sum up rates</li> <li>Select maximal rate</li> <li>Select minimal rate</li> </ul> </div>
Weight Type For Calculation	<div> Max of V. Weight and Weight ▼ <ul style="list-style-type: none"> <li>Volumetric Weight</li> <li>Weight</li> <li>Max of V. Weight and Weight</li> <li>Min of V. Weight and Weight</li> </ul> </div>

**Minimal rate** - define the lowest possible value of a rate.

**Maximal rate** - specify the maximum possible value of a rate.

**For products with different shipping types** - choose the way the rates will be calculated for products with different shipping types.

- **Sum up rates** - summarizes the shipping rates of products with different Shipping Types. It means that the total shipping rate for the order will constitute the sum of individual rates for every Shipping Type in the cart. Keep in mind, that the rates will be summed up only when they are set up for the same shipping method;
- **Select maximal\minimal rate** - compares rates of particular Shipping Types of products in the cart, and selects the maximal/ minimal rate as a total shipping rate for the order.

For more information please go to the [Shipping Type](#) section.

**Weight Type For Calculation** - in this tab, you can strictly set up which type of weight should be used for shipping price calculation for specific shipping methods and products. You can choose one of the four options:

- **Volumetric Weight** - the extension will use volumetric weight for the calculations.
- **Weight** - the extension will use actual weight for the calculations.
- **Max of Volumetric Weight and Weight** - the extension will compare the weight of the product to its volumetric weight and choose the greater value.
- **Min of Volumetric Weight and Weight** - the extension will compare the weight of the product to its volumetric weight and choose the minimal value.

For the correct work of the setting, please make sure, that you have filled in the products' weight and



volumetric weight in the products' settings.

---

## Labels

On this tab, you can create specific Labels for every store view you manage. Fill in the **Method Label** field at first. Then provide some extra information about the method, by filling the Comment field. .

### Store View Specific Labels



Main Website

Main Website Store

Default Store View:

Method Label

Comment

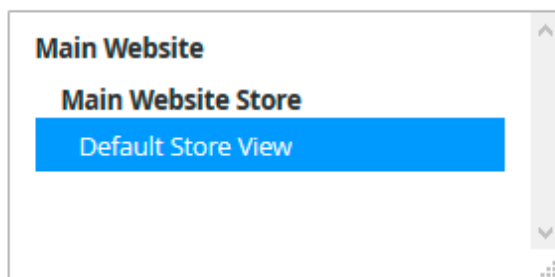
---

## Stores & Customer Groups

## Visible In

---

Stores

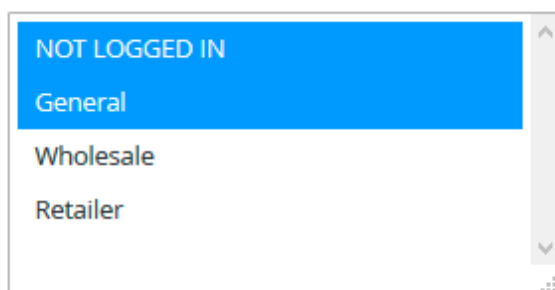


Leave empty if there are no restrictions

## Applicable For

---

Customer Groups



Leave empty if there are no restrictions

**Stores** - determine the stores, in which the shipping method should be visible to customers.

**Customer Groups** - define customer groups, to which the shipping method will be available.


---

## Import

Due to the functionality that relies on Magento Import component, it is possible to seamlessly import huge data volumes just in a few clicks.

Proceed to **System → Import Shipping Table Rates**.

# Import Shipping Table Rates

 demouser ▾[Check Data](#)

## Import Settings

[Download Sample File](#)

## Import Behavior

Import Behavior \*

-- Please Select -- ▾ ?

-- Please Select --

Add

Replace

Delete

Validation Strategy \*

Stop on Error ▾

Stop on Error

Skip error entries

Allowed Errors Count \*

10

Please specify number of errors to halt import process

Field separator \*

,

Multiple value separator \*

,

Empty attribute value  
constant \*

\_\_EMPTY\_\_VALUE\_\_

Fields enclosure

☐

In the **Import Settings** tab, you can upload a CSV sample file. Click [here](#) to download it from the guide.

In the **Import Behaviour** tab, please choose the needed behaviour type:

- **Add** - keeps rates that are present in both selected shipping methods and the file you provided; keeps rates that are present in selected shipping method but are missing from the file you provided; adds rates that are not available in selected shipping method but are present in the file you provided.
- **Replace** - this option replaces ALL rates in the selected shipping method with the rates you provided in a file. Firstly, all the existing rates for the selected method will be removed, and

then the new ones from your import file will be uploaded.

- **Delete** - removes rates you provided in a file from the selected shipping method.

For the **Add** and **Delete** import behaviour types, the extension performs an on-the-fly comparison of whether there are such rates in the selected shipping method.

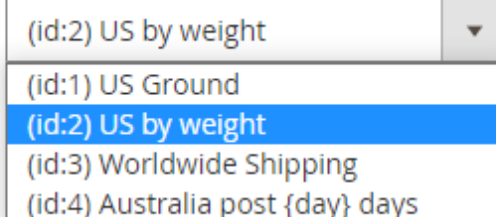
In the **Validation Strategy** tab, you can choose whether to *Stop on Error* or *Skip error entries*.

Specify the number of errors to halt the import process in the **Allowed Errors Count** field.

Provide **Field separator**, **Multiple value separator**, **Empty attribute value constant** and enable **Fields enclosure** if needed.

## Shipping Table Rate Methods

Shipping Table Rate Method \*



A dropdown menu showing five shipping methods. The first option, '(id:2) US by weight', is highlighted in blue. The other options are '(id:1) US Ground', '(id:3) Worldwide Shipping', and '(id:4) Australia post {day} days'.

(id:2) US by weight
(id:1) US Ground
(id:2) US by weight
(id:3) Worldwide Shipping
(id:4) Australia post {day} days

## File to Import

Select File to Import \*

No file selected.

File must be saved in UTF-8 encoding for proper import

**Shipping Table Rate Method** - select the method to which the import actions will be applied. We have also added the ID number for each method. It is especially useful if the list contains the shipping methods with the same name.

Choose the file to import.

File must be saved in UTF-8 encoding for proper import.

After the file is added, hit the **Check Data** button to validate the document and see if there are any mistakes.

## Validation Results



Checked rows: 2, checked entities: 2, invalid rows: 0, total errors: 0



File is valid! To start import process press "Import" button

[Import](#)

If everything is correct, click **Import** to add, replace or delete new rates.

## Import Shipping Table Rates

## Status



Created: 2, Updated: 0, Deleted: 0



Import successfully done

## Methods &amp; Rates

METHOD OPTIONS

General

Labels

Stores & Customer Groups

Import

Methods and Rates

Export to: CSV

Export

Add New Rate

20

per page

<

1

of 1

>

Search

Reset Filter

2 records found

Country	State	City	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP	FRPP	FRPUW	Estimated Delivery (days)	Action
<div></div>	<div></div>										<div></div>						
United States					0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		10.00	0.00	1.00	3.00		Delete
United States					0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00		0.00	0.00	0.00	0.00		Delete

**Country** - define the country to which the shipping rate is available.

**State** - choose the State to which the shipping rate should be applied.

**City** - specify the city to which the rate will be applied.

**Zip From - To** - define a range of postcodes or a particular postcode to which the shipping rate will be applied. To specify a single specific postcode, fill in only the **Zip From** field or both fields – **Zip From** and **Zip To** with the same value. The shipping rate will be applied to all the postcodes within the specified postcode range.

**Price From - To** - determine the span of products price to which the shipping rate should be applied. The system will summarize the prices of products with the same Shipping Type and count them as a single price.

**Weight From - To** - specify the weight diapason to which the shipping rate will be applied. The weight of products with the same Shipping Type will be automatically summarized by the system and counted as a single general weight as well.

**Qty From - To** - determine the diapason of products quantity to which the shipping rate will be available.

**Shipping Type** - specify to products of which shipping type the method should be applied. Please go to the Shipping Type section to get more information.

**Rate** - specify the shipping rate for the order.

**PPP** (Percentage per Product rate) – fill the field if you want the shipping rate to be calculated as a percentage of the products price.

**FRPP** (Fixed Rate Per Product) – define a fixed shipping rate per product. The total shipping rate for the order will be calculated by multiplying the mentioned fixed shipping rate on the number of products in the cart.

**FRPUW** (Fixed Rate per Unit of Weight) – specify a fixed rate which will be multiplied on a weight of products in the cart to get the total shipping rate for the order.

**Estimated Delivery (days)** - specify the number of days the delivery will take. The information from this column will be inserted in the {day} variable used in the **Name** field.

---

## Rate Configuration

Specify conditions for each particular shipping rate application.

Destination

Country	<div>Australia</div>
State	<div>All</div>
City	<div></div>
Zip From	<div></div>
Zip To	<div></div>

Conditions

Weight From	<div>0</div>
Weight To	<div>99999999</div>
Qty From	<div>0</div>
Qty To	<div>99999999</div>
Shipping Type	<div>All</div>
Price From	<div>0</div> <div>Original product cart price, without discounts.</div>
Price To	<div>99999999</div> <div>Original product cart price, without discounts.</div>
Estimated Delivery (days)	<div>7</div> <div>This value will be used for the {day} variable in the Method name</div>
Name delivery	<div>Fixed Shipping</div> <div>This value will be used for the {name} variable in the Method name</div>

All the fields of Rate configuration are described at the [Methods and Rates](#) section.


## Shipping Type

'Shipping Type' is a special product attribute. You can apply different shipping rates to the products in the cart, depending on the value of the Shipping Type they have. The default value of a Shipping Type is "All" - it is applied to all products. The principles of the Shipping Type setup in Magento 2 are identical to the ones in Magento 1.

Please check the [blog post](#) to see the examples of how the Shipping Type works.

Create options for the 'Shipping Type' product attribute at **Stores > Attributes > Product**.

ATTRIBUTE INFORMATION

Properties 

Manage Labels

Storefront Properties


Amasty: Extended Order Grid Properties

Attribute Properties


Default Label \*

Shipping Type




Catalog Input Type for Store Owner

Dropdown 

Values Required

No 

Manage Options (Values of Your Attribute)

Is Default	Admin *	Default Store View	
	<input type="radio"/>	<div>Heavy</div>	<div>Heavy</div> <div>Delete</div>
	<input type="radio"/>	<div>Bulky</div>	<div>Bulky</div> <div>Delete</div>
	<input type="radio"/>	<div>Envelope</div>	<div>Envelope</div> <div>Delete</div>
<div>Add Option</div>			

You can assign Shipping Types you've created to the products on the product editing page.



<b>Color</b> [global]	<input type="text"/>
<b>Gender</b> [global]	<div>Men Women Boys Girls Unisex</div>
<b>Category Gear</b> [global]	<div>Cardio Electronic Exercise Fashion Hydration Timepiece</div>
<b>Eco Collection</b> [global]	<input type="checkbox"/> No
<b>Performance Fabric</b> [global]	<input type="checkbox"/> No
<b>Erin Recommends</b> [global]	<input checked="" type="checkbox"/> Yes
<b>New</b> [global]	<input type="checkbox"/> No
<b>Sale</b> [global]	<input checked="" type="checkbox"/> Yes
<b>Shipping Type</b> [store view]	<input type="text"/>

When the cart contains products with a particular Shipping Type, shipping rates related to the mentioned Shipping Type will be applied. If no shipping rates are specified to the Shipping Type, the

rates with the Shipping Type “All” will be applied.

---

## Volume weight settings

The Volumetric or dimensional weight is a pricing method which helps a carrier to organize the most efficient usage of the cargo space.

Dimensional weight is calculated as  $(\text{length} \times \text{width} \times \text{height of a package}) / (\text{dimensional factor})$ .

**The shipping factor** (DIM) is a number a carrier uses to reach the effective weight of a shipment based on its density. Basically, the dimensional factor is the amount of space the package takes up per pound. If a Volumetric Weight is assigned to the product, the extension compares it with a regular product Weight and choose the biggest value for using in calculations. Use the DIM Factor published by your courier company to establish the dimensional weight.

For example, we're shipping 10 pounds of bricks which can easily fit into a 10x10x10 box, making the volume of the box 1 000 cubic inches. When the cubic inches will be divided by the dimensional factor equal 166, the dimensional weight will constitute about 6 pounds. The charge will be rounded up to the 10-pound rate as for the dimensional weight is lower than the actual weight.

Let's consider the feature in details.

---

### 'Volumetric weight attribute' calculation method

<b>Volume weight</b> [store view]	Volumetric weight attribute
<b>Volumetric weight attribute</b> [store view]	<div>None</div> <div>None</div> <div>Product Name</div> <div>SKU</div> <div>Description</div> <div>Short Description</div> <div>Price</div> <div>Special Price</div> <div>Special Price From Date</div> <div>Special Price To Date</div> <div>Cost</div> <div>Weight</div> <div>Manufacturer</div> <div>Meta Title</div> <div>Meta Keywords</div> <div>Meta Description</div> <div>Base</div> <div>Small</div> <div>Thumbnail</div> <div>Media Gallery</div> <div>Tier Price</div>
<b>Enabled</b> [website]	
<b>Title</b> [store view]	
<b>Method Name</b> [store view]	
<b>Condition</b> [website]	
<b>Products in Price Calculation</b>	Yes

- **Volume weight** - set to **Volumetric weight attribute**.
- **Volumetric weight attribute** - choose one of the volumetric weight attributes you've created earlier.

### How to create an attribute?

1. Go to **Stores > Attributes > Product > Add New Product Attribute** and specify the attribute parameters.

[← Back](#)
[Delete Attribute](#)
[Reset](#)
[Save and Continue Edit](#)
[Save Attribute](#)

**ATTRIBUTE INFORMATION**

Properties

Manage Labels

Storefront Properties

### Attribute Properties

Default Label \*

Catalog Input Type for Store Owner

Text Field ▼

Values Required

No ▼

### Advanced Attribute Properties

⌵

2. Then go to **Stores > Attributes > Product > Attribute Sets**

Search

[Reset Filter](#)

8 records found

20 ▼ per page

<

1

of 1

>

Set
<input type="text"/>
Bag
Bottom
Default
Downloadable
Gear
Sprite Stasis Ball
Sprite Yoga Strap
Top

3. Choose the product category to which you would like to add a volume weight parameter (the Bag category in our example). Move the attribute you've created to the 'Groups' column, 'Product Details' group.

## Edit Attribute Set Name

Name \*

Bag

For internal use

## Groups

Add New

Delete Selected Group

Double click on a group to rename it.

sku  
volume  
sku\_type  
price  
price\_type  
tax\_class\_id  
quantity\_and\_stock\_status  
weight  
weight\_type  
category\_ids  
visibility  
news\_from\_date  
news\_to\_date  
country\_of\_manufacture  
activity  
style\_bags  
material  
color  
strap\_bags  
features\_bags

## Unassigned Attributes

category\_gear  
climate  
collar  
format  
gender  
manufacturer  
pattern  
volume\_weight  
size  
sleeve  
style\_bottom  
style\_general

volume\_weight

4. Go to **Products > Catalog** and choose a product to edit. In our case, it can be any bag. Specify the **Volume Weight** field with the required value to complete the setup.

# Joust Duffle Bag

admin

Store View: All Store Views



Back

Add Attribute

Save



Enable Product ☒ Yes  
[website]

Attribute Set Bag

Product Name \* Joust Duffle Bag  
[store view]

SKU \* 24-MB01  
[global]

Price \* \$ 34.00  
[global]

[Advanced Pricing](#)

Tax Class Taxable Goods  
[website]

Quantity  
[global]

[Advanced Inventory](#)

Stock Status Out of Stock  
[global]

Weight 10 lbs  
[global]

This item has weight

Volume Weight  
[store view]

## 'Volume attribute' calculation method

Volume weight Volume attribute  
[store view]

Attribute None  
[store view]

Shipping Factor 5000  
[store view]

**Volume weight** - set to **Volume attribute**.

**Attribute** - choose the volume attribute created earlier.

**Shipping Factor** - specify the value of the DIM factor. Consult your courier company if needed.

---

## 'Dimensions attribute' calculation method

**Volume weight** - set to **Dimensions attribute**.

**Dimensions attribute** - choose the dimensions attribute you've created before.

The value of the dimensions attribute should be specified in the following format: height\*width\*length or it is also affordable to use "x" instead of "\*", for example, 12x45x34 or 16\*27\*33.



The screenshot shows a form with three input fields. The first field is labeled 'SKU' with a red asterisk and '[global]' below it, containing the text '24-MB01'. The second field is labeled 'Volume' with '[store view]' below it, containing the text '12X14X780'. This field is highlighted with a red rectangular border. The third field is labeled 'Price' with a red asterisk and '[website]' below it, containing the text '\$ 34.00'. Below the Price field is a blue link labeled 'Advanced Pricing'.

**Shipping Factor** - specify the value of the DIM factor.

---

## 'Separate dimensions attribute' calculation method

**Volume weight** - set to **Dimensions attribute**.

**Attribute 1, Attribute 2 and Attribute 3** - choose the necessary attributes for volume parameters.

**Shipping Factor** - specify the value of the DIM factor.

---

## How the rates are calculated

The shipping rates in a shipping method should be set up at first. Check the example below.

---











Country	State	City	Zip From	Zip To	Price From	Price To	Weight From	Weight To	Qty From	Qty To	Shipping Type	Rate	PPP
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Australia					0.00	99999999.00	0.0000	99999999.0000	0.00	10.00		23.00	0.00
Australia					0.00	99999999.00	0.0000	99999999.0000	11.00	30.00		20.00	0.00
Australia					0.00	99999999.00	0.0000	99999999.0000	31.00	99999999.00		15.00	0.00
Australia					0.00	99999999.00	0.0000	99999999.0000	0.00	99999999.00	heavy	25.00	0.00

**Note:** the active conditions are Shipping Type, Quantity, and Country.

**The example of a shopping cart.**



# Shopping Cart

Item	Price	Qty	Subtotal
 Body-BUILDER Weight Equipment	\$350.00	1	\$350.00
<div>Gift options </div> <div> </div>			
 Affirm Water Bottle	\$7.00	20	\$140.00
<div></div> <div> </div>			
 Pursuit Lumaflex™ Tone Band	\$16.00	15	\$240.00
<div></div> <div> </div>			
<div>Update Shopping Cart</div>			

At first, the rates for the products with defined Shipping Types will be applied. As the method contains the rate for the Shipping Type “heavy” and the cart contains a product with the same Shipping Type – “Body-BUILDER Weight Equipment”, this rate will be calculated first and will constitute \$25.

Two other products have the Shipping Types that are not specified in the method being applied. The method will be available to the cart for the reason that it contains the rates for the Shipping Type

“All” which will replace the rates of these two products.

The calculation of the rate for this group of products has the next algorithm:

- the products' attributes (Price, Quantity, and Weight) will be summarized;
- the system will compare the result with conditions set and apply the rate that matches all the requirements.

In our example we have the restrictions on the number of products with the Shipping Type “All”. As the cart contains 35 items with such Shipping Type, the rate \$15 will match. The total rate equals to \$40. Remember, that the active Country condition makes the shipping method available only to customers willing to ship products to Australia.

---

## Troubleshooting checklist

If the Shipping Table Rates method you've created is not displayed:

1. Check if the shipping carrier is enabled. To do this, please go to **Stores > Configuration > Sales > Shipping Methods > Amasty Shipping Table Rates > Enabled for Checkout > Yes**. Also, please check if the method you're willing to see at the Frontend is enabled: **Sales > Operations > Shipping Table Rates**.
2. If the shipping carrier is enabled, but the method is still not visible, make sure that the shipping method contains all the rates related to the shipping types of products contained in the cart. To be displayed to customers, the shipping method should contain rates for all shipping types, that are found in the cart. Otherwise, the shipping method will not be visible. If the mentioned issue is a reason, the method will become available after adding a new rate with a Shipping Type “All” to the method.

If the **For products with different shipping types** field in the shipping methods settings is set to “Sum up rates”, but the rates don't sum up:

1. Check if these rates belong to the same shipping method. If not, the rates will not be summed up as the setting, mentioned above, works only for the rates with different Shipping Types in the selfsame shipping method.

---

Find out how to install the Shipping Table Rates for Magento 2 via [Composer](#).

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