



relevant ecommerce™

ZNODE – UNITS OF MEASURE (UOM) PRODUCT USER GUIDE

April 2016

Units Of Measure (UOM) Product Guide

Znode giving ability to configure Unit of Measure (UOM) at Product level. Units of Measure is a feature where a user can avail pricing/discounts based on number of units (quantity) of the products ordered. Znode supports units of measure like Piece, Gram, Inch, Ozt and Kit. Site admin also have a privilege to configure **Tier Pricing** either manually or rule based (Ex: Amount Off and Percent Off)

How UOM product configure from admin site:

1. Login the Multifront and Click on the Inventory icon/link

The screenshot shows the Multifront admin dashboard. The top navigation bar includes 'MULTIFRONT®' and a menu with 'Dashboard' (selected), 'Setup', 'Inventory', 'Marketing', 'Orders', 'Vendors', 'Reports', 'Advanced', and 'Plugins'. On the right, it says 'Hello admin12345' with links for 'Account', 'Support', 'Help', and 'Log off'. Below the navigation, the main content area displays 'Hello, admin12345' and a grid of dashboard widgets. The 'Inventory' widget is highlighted with a red border. The widgets include: Setup (gear icon), Inventory (clipboard icon), Marketing (document icon), Orders (megaphone icon), Reports (pie chart icon), Alerts (4 products with low inventory), Quick Statistics (\$207.78 Total Sales YTD, 21 Orders YTD, 25 Accounts Created YTD), and Customer Support (woman with headset icon).

2. Select Products link. Products listing page is displayed.

MULTIFRONT® [Dashboard](#) [Setup](#) [Inventory](#) [Marketing](#) [Orders](#) [Vendors](#) [Reports](#) [Advanced](#) [Plugins](#) Hello admin12345! [Account](#) [Support](#) [Help](#) [Log off](#)

Products + ADD

Manage products and inventory in your store.

Search

ID Product Name Product Number SKU

Catalog Brand Product Type Product Category

All All All All

SEARCH CLEAR

[Advanced Search](#) | [Clear](#)

ID	Image	Product Name	Retail Price	Sales Price	Whole Sale Price	In Stock	Display Order	Is Active	Manage	Copy	Delete
329		Daylilies	\$1.123456			10	20	✓			
303		Strawberry	\$2.95			-12	21	✓			
302		Apple	\$4.23	\$0.00		998	30	✓			
307		Peach	\$0.76			8	31	✓			
304		Pear	\$0.75			999	40	✓			
551		Uvas	\$3.54			999	40	✓			
306		Cherries	\$4.23			9	50	✓			
543		Cerezas	\$4.23			999	50	✓			
348		Swiss Cheese	\$3.24			999	60	✓			
314		Mushroom	\$2.99		\$1.99	10	61	✓			

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- Click on the Add button to create new UOM based product for the store. There are 3 different discount type while creating new product

To create UOM product without any discount:

4. Enter all mandatory fields and Select Tier Discount Type as “None” along with the size of packets and Piece units from the UOM drop down.

The screenshot shows the 'Add New Product' form in the Multifront interface. The 'Pricing' section is highlighted, showing the following settings:

- Tier Discount Type:** None, Percentage, Amount
- Unit of Measure:** 10 Piece

A red callout box with the text "Here None discount type is selected along with the Piece UOM type." points to the 'None' radio button and the 'Piece' dropdown menu.

5. Here product is created having no discount type associated in it.

- Go to Tier Pricing tab to apply the discount to the product. Tier Pricing is a way to encourage shoppers to buy larger quantities of a product by applying discounts based on the quantity ordered.

- Click on the Add button. Here tier pricing details page is displayed. Admin can set different tier pricing depending on the maximum quantity of the items. Enter following details to configure tier pricing for the product.
 - **Select Profile:** Select the profile from the drop down.
 - **Tier Start:** Enter the minimum quantity of items.
 - **Tier End:** Enter the maximum quantity of items.
 - **Price:** Enter the discounted price for this tier pricing.

MULTIFRONT® Dashboard Setup **Inventory** Marketing Orders Vendors Reports Advanced Plugins Hello admin12345! Account Support Help Log off

Add Pricing Tier - Piece Unit Product

Tier Pricing Details

Select Profile: Apply to All Profiles

Tier Start*: 1
Minimum quantity of items that must be ordered for this pricing to apply

Tier End*: 5
Maximum quantity of items that must be ordered for this pricing to apply

Retail Price: \$ 12

Weight: 1.12 LBS

Min Selectable Quantity: 1

Unit Of Measure: Piece

Size Of Packet: 10

Price*:

Manually admin need to enter discounted price.

SUBMIT CANCEL

Note - For None discount type admin need to manually configure the discount amount.

MULTIFRONT® Dashboard Setup **Inventory** Marketing Orders Vendors Reports Advanced Plugins Hello admin12345! Account Support Help Log off

Product Details - Piece Unit Product

Product Info | Settings | Categories | SKUs | Bundles | Facets | Tags | Images | Add-Ons | **Tiered Pricing** | Highlights | Digital Assets

Tiered pricing enables you to specify a product price based on the number of items ordered. For example, you could offer discounted pricing if the customer buys more than 10 items.

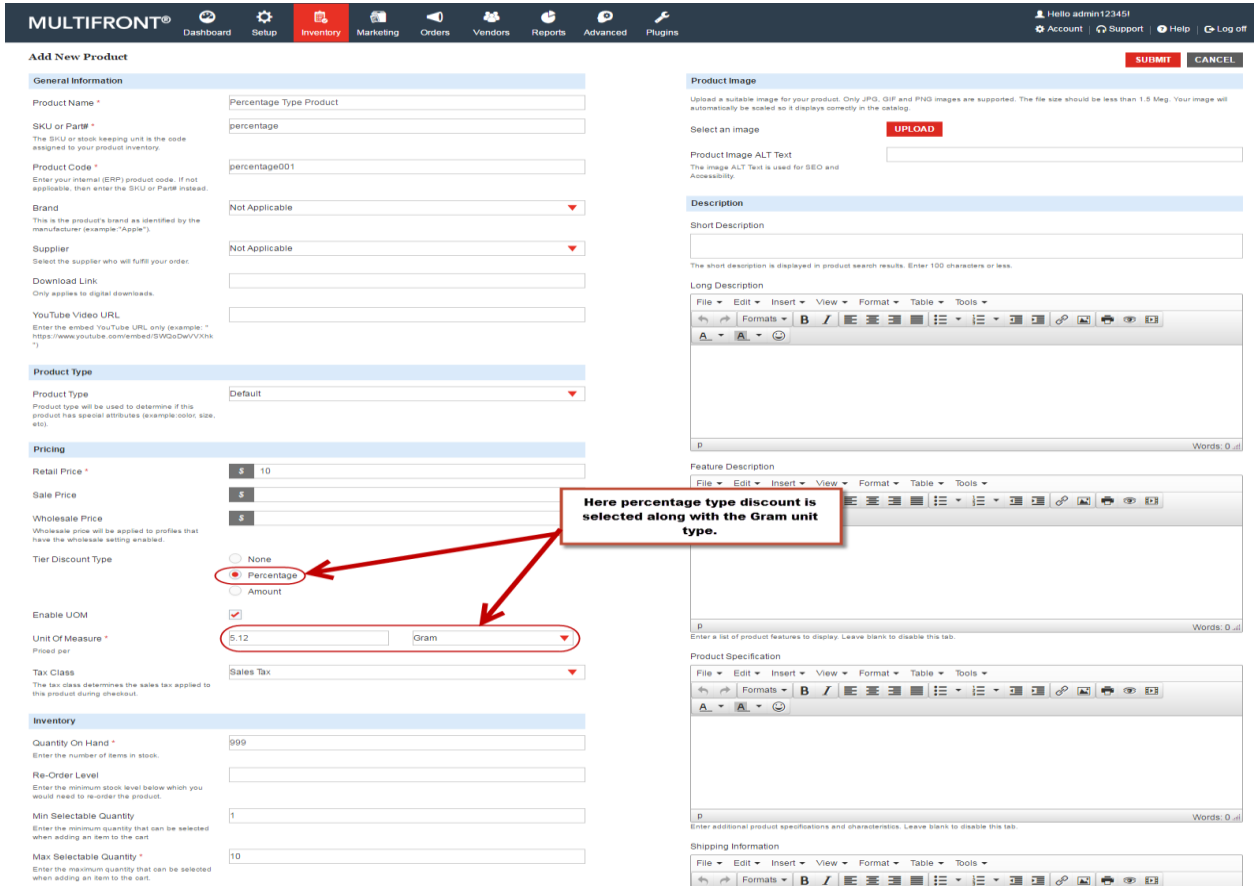
ADD TIER PRICE

ID	Profile	Tier Start	Tier End	Price	Edit	Remove
1	All Profiles	1	5	\$100.00		
2	All Profiles	6	8	\$95.00		
3	All Profiles	9	10	\$90.00		

Show 50 Per Page

To create UOM product having percentage discount type:

8. Go to Inventory - Products. Click on the Add button to create new product with Gram unit type.
9. Enter all mandatory fields. Select Percentage discount type along with the Gram units.



10. Percent discount type product is created. Now go to the tier pricing tab to configure tier pricing for the product.

11. Click on the Add button to add tier pricing for discount type product. Enter the following details on Add tier pricing page:

- **Select Profile:** Select the profile from the drop down.
- **Tier Start:** Enter the minimum quantity of items.
- **Tier End:** Enter maximum quantity of items.

- **Discount:** Enter the percent for the range between the 0-100.
- **Price:** Price will be automatically calculated by using below formula. Admin cannot change the discounted price. Price field will be in view only mode.

UOM Tier Formula for discount in Percent:

◆ **Base Price - (Base Price * % discount) * Unit of Measure * QTY**

Ex. (10 - (10*0.12))*5.12*1 = \$45.056

Here discount is calculated using below formula.
(Base Price - (Base Price * % discount)) * Unit of Measure * QTY
Ex. (10 - (10*0.12))*5.12*1 = \$45.056

Product Details - Percentage Type Product + BACK

Product Info | Settings | Categories | SKUs | Bundles | Facets | Tags | Images | Add-Ons | **Tiered Pricing** | Highlights | Digital Assets

Tiered pricing enables you to specify a product price based on the number of items ordered. For example: you could offer discounted pricing if the customer buys more than 10 items. ADD TIER PRICE

ID	Profile	Tier Start	Tier End	Price	Discount Percent	Edit	Remove
4	All Profiles	1	5	\$45.056	12.000000%		
9	All Profiles	6	8	\$43.52	15.000000%		
10	All Profiles	9	10	\$40.96	20.000000%		

Show 50 Per Page Page 1 / 1

To create UOM product having Amount discount type:

- Go to Inventory - Products. Click on the Add button to create new product with Amount discount type.

MULTIFRONT® Dashboard Setup **Inventory** Marketing Orders Vendors Reports Advanced Plugins Hello admin12345! Account Support Help Log off

Add New Product [SUBMIT] [CANCEL]

General Information

Product Name * Amount discount type

SKU or Part# * amountID 1
The SKU or stock keeping unit is the code assigned to your product inventory.

Product Code * amountID 12
Enter your internal (ERP) product code. If not applicable, then enter the SKU or Part# instead.

Brand Not Applicable
This is the product's brand as identified by the manufacturer (example: "Apple").

Supplier Not Applicable
Select the supplier who will fulfill your order.

Download Link
Only applies to digital downloads.

YouTube Video URL
Enter the embed YouTube URL only (example: "https://www.youtube.com/embed/SWQaDwVY0sk")

Product Type

Product Type Default
Product type will be used to determine if this product has special attributes (example: color, size, etc).

Pricing

Retail Price * \$ 50

Sale Price \$

Wholesale Price \$
Wholesale price will be applied to profiles that have the wholesale setting enabled.

Tier Discount Type
 None
 Percentage
 Amount

Enable UOM

Unit Of Measure * 2 Inch
Prices per

Tax Class Sales Tax
The tax class determines the sales tax applied to this product during checkout.

Inventory

Quantity On Hand * 999
Enter the number of items in stock.

Re-Order Level
Enter the minimum stock level below which you would need to re-order the product.

Min Selectable Quantity 1
Enter the minimum quantity that can be selected when adding an item to the cart.

Max Selectable Quantity * 10
Enter the maximum quantity that can be selected when adding an item to the cart.

Display Settings

Display Order * 500
Enter the display order for the product in search results. A product with lower display order will be displayed first.

Shipping Settings

Free Shipping Enable free shipping for this product. All other shipping rules will be ignored.

Product Image

Upload a suitable image for your product. Only JPG, GIF and PNG images are supported. The file size should be less than 1.5 Meg. Your image will automatically be scaled so it displays correctly in the catalog.

Select an image [UPLOAD]

Product Image ALT Text
The image ALT Text is used for SEO and Accessibility.

Description

Short Description
The short description is displayed in product search results. Enter 100 characters or less.

Long Description
 File Edit Insert View Format Table Tools
 Formats B I [List Icons]
 A A [Color Picker]

Feature Description

File Edit Insert View Format Table Tools
 Formats B I [List Icons]
 A A [Color Picker]

Product Specification

File Edit Insert View Format Table Tools
 Formats B I [List Icons]
 A A [Color Picker]

Shipping Information

File Edit Insert View Format Table Tools
 Formats B I [List Icons]
 A A [Color Picker]

- Enter all mandatory fields and select amount discount type along with the Inch unit or

any other Unit.

14. Amount discount type product is created. Go to tier pricing tab to configure tier pricing for the product.
15. Click on the Add button to create tier pricing for amount discount type product. Enter following details to set tier pricing for amount discount type.
 - **Select Profile:** Select the profile from the drop down.
 - **Tier Start:** Enter the minimum quantity of items.
 - **Tier End:** Enter the maximum quantity of items.
 - **Discount Amount:** Enter the discount amount for this range.
 - **Price:** Price will be automatically calculated by using below formula. Admin cannot change the discounted price. Price field will be in view only mode.

UOM Tier Formula for discount in Amount:

◆ **(Retail price - Discount amount) * Size of packets.**

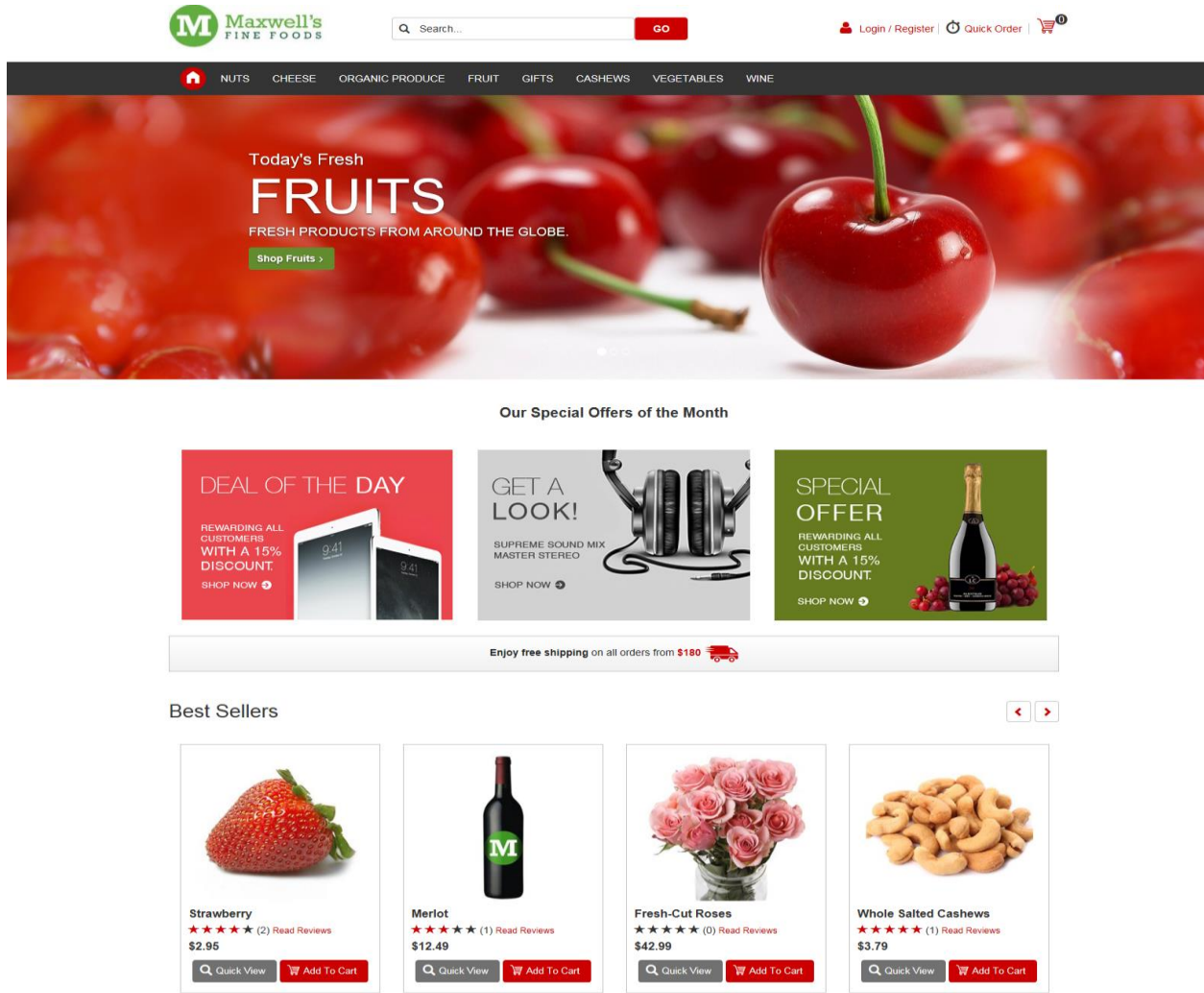
Ex. (\$50 - \$5) * 2 = \$90.

**Here discounted price is calculated using below formula.
(Retail price - Discount amount) * Size of packet.
Ex. (\$50 - \$5) * 2 = \$90**

ID	Profile	Tier Start	Tier End	Price	Discount Amount	Edit	Remove
6	All Profiles	1	5	\$90.00	5.000000		
7	All Profiles	6	8	\$80.00	10.000000		
8	All Profiles	9	10	\$70.00	15.000000		

How Tier Pricing applied in Demo site:

16. Open the demo site. Home page is displayed with special product.



17. Go to the product details page for UOM product. Here the entire discounted price is displayed on the page.

This will be work in following ways:

- When user purchase product quantity between the range of 1 to 5 then product unit price will be **\$45.06**.
- When user purchase product quantity between the range of 6 to 8 then product unit price will be **\$43.52**.
- When user purchase product quantity between the range of 9 to 10 then product unit price will be **\$40.96**.

Discount price is displayed on product detail page.

1. If user purchased product quantity between the range of 1 to 5 then unit price will be \$45.06.
2. If user purchased product quantity between the range of 6 to 8 then unit price will be \$43.52.
3. If user purchased product quantity between the range of 9 to 10 then unit price will be \$40.96.

Qty	Unit Price	Price
1	\$45.06	\$45.06
6	\$43.52	\$261.12
9	\$40.96	\$368.64

Sold as 5.12 Gram Units

18. Click on the Add to cart button. Shopping cart page is displayed.

Maxwell's FINE FOODS

Search... **GO** [Login / Register](#) | [Quick Order](#) | [Shopping Cart](#)

[Home](#) [NUTS](#) [CHEESE](#) [ORGANIC PRODUCE](#) [FRUIT](#) [GIFTS](#) [CASHEWS](#) [VEGETABLES](#) [WINE](#)

SHOPPING CART

Your Total is \$299.76 for 6.56 Items

Item(s)	Item Price	Quantity	Total
× maxwell's Percentage Type Product	\$43.52	6.56	\$285.49
× Remove All Cart Items			Sub Total
Have A Promo Code? <input type="text"/> Apply			Discounts
			Tax
			\$14.27
			Order Total
			\$299.76

*Shipping and Taxes will be added during checkout

[Continue Shopping](#) [Checkout](#)

Note -

- a) If site admin want to sell divisible quantity of product. Ex. Gold and copper then Gram Or Ozt unit of measure are used.
- b) If site admin want to sell the products in Pack then Piece, Inch and Kit unit of measure are used.