



SOFTWARESILOS

Bulkgood Shipping Extension

PDF Manual

MODULE

bulkgood

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Priority System

Bulkgood Shipping Extension · /bulkgood/features/priority-system

The priority system determines which pricing source is used when multiple sources are configured for a bulkgood product.

How Priority Works

The system checks pricing sources in the order you configure and uses the **first available** price:

1. Check first priority source
2. If price found → use it and stop
3. If no price → check next priority source
4. Repeat until price found or all sources exhausted

Available Pricing Sources

1. Bulkgood Price / Product & Country

Product Attribute: `bulkgood_price_per_country`

Country-specific prices defined at the product level. The system matches the destination country from the shipping address.

Example:

```
Product: Industrial Pallet
Country Prices:
- DE (Germany): €45.00
- FR (France): €50.00
- US (USA): $65.00
```

When to use: International stores with varying freight costs by region.

2. Bulkgood Price / Product

Product Attribute: `bulkgood_price`

Global price defined at the product level, applies to all destinations.

Example:

```
Product: Heavy Machinery
Bulkgood Price: $150.00
```

When to use: Flat-rate bulkgood shipping regardless of destination.

3. Table Rate

Database Table: `shipping_tablerate` (with `bulkgood=1`)

Magento's standard table rate shipping extended with a bulkgood flag. Rates can be based on:

- Weight
- Price
- Number of items
- Destination

When to use: Complex shipping matrices based on multiple factors.

Configuration

Location: Stores > Configuration > Sales > Shipping Methods > Table Rates > Bulkgood Price Source Priority

Drag and drop to reorder the priority list.

Priority Examples

Example 1: Country-First Strategy

Priority:

1. Bulkgood Price / Product & Country
2. Bulkgood Price / Product
3. Table Rate

Scenario:

- Product A has country price for Germany (€45) and global price (€50)
- Customer in Germany → €45 (country-specific)
- Customer in France → €50 (falls back to global)
- Customer in Japan → Table rate (no product prices defined)

Example 2: Table Rate First

Priority:

1. Table Rate
2. Bulkgood Price / Product & Country
3. Bulkgood Price / Product

Scenario:

- Table rates configured for all major destinations
- Product prices as fallback for uncovered regions
- Customer in covered region → Table rate
- Customer in uncovered region → Product price

Example 3: Global Only

Priority:

1. Bulkgood Price / Product
2. Table Rate

Scenario:

- Simple flat-rate strategy
- Table rate as fallback for non-bulkgood items
- All bulkgood products use global price

Priority Decision Flow

```
Start Checkout
↓
Is product bulkgood? → No → Use normal shipping
↓ Yes
Check Priority #1
↓
Price found? → Yes → Use this price → Apply calculation method → Done
↓ No
Check Priority #2
↓
Price found? → Yes → Use this price → Apply calculation method → Done
↓ No
Check Priority #3
↓
Price found? → Yes → Use this price → Apply calculation method → Done
↓ No
Fallback to €0 or error
```

Multiple Products in Cart

When multiple bulkgood products are in the cart:

1. **Each product** is evaluated using the priority system
2. The **first available price** for each product is collected
3. The **calculation method** (Sum/Highest/Lowest/Average) is applied to all collected prices

Example:

- Product A: Country price €50 (Priority #1)
- Product B: Global price €40 (Priority #2, no country price)
- Product C: Table rate €30 (Priority #3, no product prices)
- Calculation Method: Sum
- **Final Price:** €50 + €40 + €30 = €120

Best Practices

1. Most Specific First

Place the most specific pricing source first:

- ```
1. Country-Specific (most specific)
2. Global Product (medium specificity)
3. Table Rate (least specific, catch-all)
```

## 2. Always Have a Fallback

Ensure at least one pricing source covers all scenarios to avoid €0 shipping costs.

## 3. Use Table Rates for Complex Logic

For weight-based or tiered pricing, use table rates as the primary source.

## 4. Country-Specific for International

For international B2B, prioritize country-specific pricing to handle varying freight costs.

## Debugging Priority

Enable logging to see which priority source was selected:

1. **Stores > Configuration > Sales > Shipping Methods > Table Rates**
2. Set **Enable Bulkgood Price Logging = Yes**
3. Clear cache
4. Perform a test checkout
5. Check `var/log/system.log`

### Log Example:

```
[INFO] Start debugging MageB2B_Bulkgood...
[INFO] Bulkgood Configuration Settings:
[INFO] Bulk Price Source Priority:
[{"source":"bulkgood_price_product_per_country"}, {"source":"bulkgood_price_product"}, {"source":"table_rate"}]
[INFO] Product: Industrial Pallet (SKU: IND-001) is a bulkgood item
[INFO] Bulkgood Price / Product & Country: 45.00
[INFO] Bulkgood Price / Product: 50.00
[INFO] Selected Bulkgood Price / Product & Country: 45.00
[INFO] Final Price: 45.00
```

## Common Issues

**Issue:** Wrong price source selected

**Solution:** Check priority order and verify product attributes are set correctly

**Issue:** €0 shipping cost

**Solution:** Ensure at least one pricing source has a value for all scenarios

**Issue:** Priority not applying

**Solution:** Clear configuration cache: `php bin/magento cache:clean config`

## Related Topics

- [Calculation Methods](#) - How prices are aggregated
- [Country Pricing](#) - Setting up country-specific prices

- **Table Rate Setup** - Configuring table rates