Cubication Calculation

Report Module Guide: Cubication Calculation

Module Location

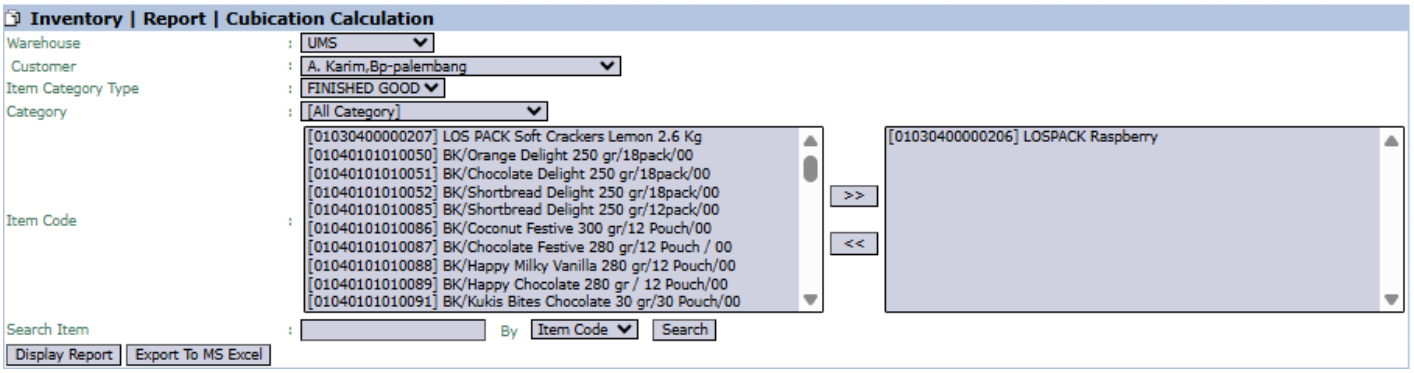
Sales > Reports > Item Reports > Cubication Calculation

Module Objective

The **Cubication Calculation** module is a logistics planning tool. Its purpose is to calculate the total volume (cubication) and weight of a set of products to be shipped, and then compare that against the capacity of various types of transport vehicles. This helps the logistics team to select the most efficient transport fleet for each shipment.

1. Report Parameters

The main page of this module is a form for selecting the items whose cubication will be calculated.



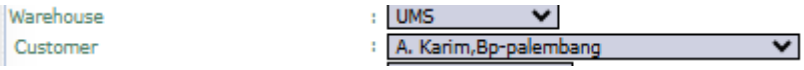
Here is an explanation for each parameter:

- **Warehouse / Customer**:
  - Select the origin **Warehouse** for the shipment and the destination **Customer**.
- **Item Code**:
  - Use this dual-list box to select all the products that will be included in a single shipment. Move the items from the left box to the right box using the **>>** button.

2. Steps to Generate the Report

Step 1: Set Report Parameters

Select the **Warehouse**, **Customer**, and move all the **Item Codes** to be shipped into the right-hand box.



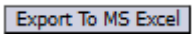
Step 2: Generate the Report

After all parameters are set, click one of the two buttons in the bottom-left section of the page:

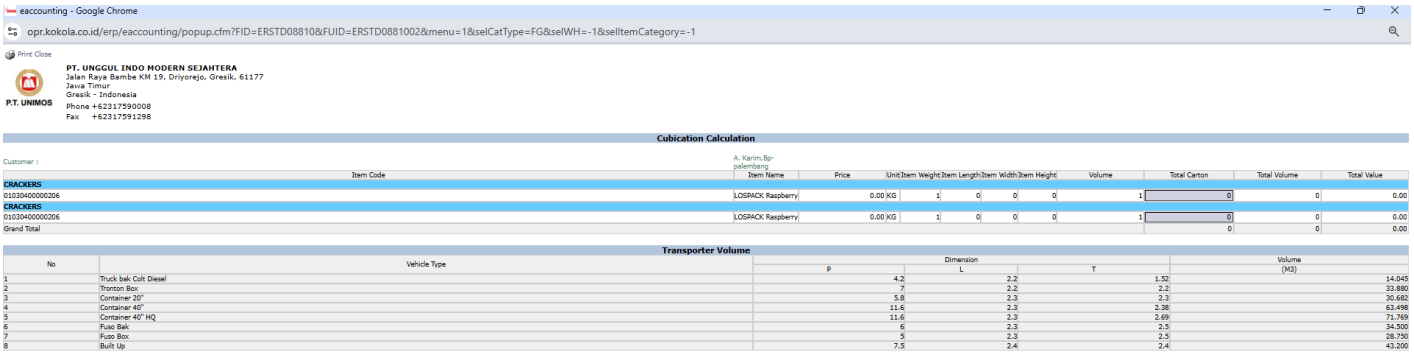
- **Display Report**: To preview the calculation report directly on your screen.



- **Export To MS Excel**: To download the report data in an Excel file format.



3. Reading the Cubication Calculation Report



eaccounting - Google Chrome

opr.kokola.co.id/erp/eaccounting/popup.cfm?FID=ERSTD088108&FUID=ERSTD0881002&menu=1&selCatType=FG&selWH=-1&selItemCategory=-1

Print Close

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Cubication Calculation

Customer : A. Karim,Bp-palembang

Item Code	Item Name	Price	Unit	Item Weight	Item Length	Item Width	Item Height	Volume	Total Carton	Total Volume	Total Value
CRACKERS											
01030400000206	LOSPACK Raspberry	0.00	KG	1	0	0	0	1	0	0	0.00
CRACKERS											
01030400000206	LOSPACK Raspberry	0.00	KG	1	0	0	0	1	0	0	0.00
Grand Total									0	0	0.00

Transporter Volume

No	Vehicle Type	Dimension			Volume
		P	L	T	(M3)
1	Truck bak Colt Diesel	4.2	2.2	1.52	14.045
2	Tronton Box	7	2.2	2.2	33.880
3	Container 20"	5.8	2.3	2.3	30.682
4	Container 40"	11.6	2.3	2.38	63.498
5	Container 40" HQ	11.6	2.3	2.69	71.769
6	Fuso Bak	6	2.3	2.5	34.500
7	Fuso Box	5	2.3	2.5	28.750
8	Built Up	7.5	2.4	2.4	43.200

The generated report is divided into two main parts.

Part 1: Cubication Calculation

This section details the total volume of the items you selected. Its columns include **Item Code**, **Item Name**, **Volume**, and **Total Carton**. Pay attention to the final number in the **Total Volume** column.

Part 2: Transporter Volume

This section serves as a reference table that displays the volume capacity of various **Vehicle Types**, such as a Tronton Box Truck and a 20' Container.

How to Use the Report

Compare the **Total Volume** figure from the first part with the **Volume (M3)** column in the second part to choose the most efficient and suitable vehicle for your shipment.

Tips & Important Notes

- This module is a very important planning tool for the **Logistics and Sales Admin teams** to optimize shipping costs.
- To get a valid calculation, ensure that the dimension data (length, width, height) and weight in the **product master data** is accurate.

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