TGman – Macro for Automating Warehouse Manifest Creation

Purpose

This macro is designed to automate the processing of warehouse data in Excel format to create a shipment manifest (dispatch register). It helps speed up and simplify the preparation of reports and shipping lists through calculations, filtering, and data distribution across separate sheets.

It is used in logistics and warehouse document management.

How It Works

The macro processes two initial worksheets: List1 and List2. Upon execution, the following steps are performed:

- Unnecessary columns are cleared;

- Key metrics are calculated (e.g., volume-to-quantity ratio);

- A VLOOKUP formula is applied to merge data from the two tables;

- Rows are grouped by the value in column "G";

- New worksheets are automatically created for each unique group (e.g., by packaging type or recipient);

- Auto-formatting and table styles are applied;

- Sheets List1 and List2 are deleted after processing is complete.

How to Use

1. Open the Excel file containing the macro.

2. Make sure the file contains the sheets List1 and List2 with up-to-date data.

3. Press Alt + F8, select the macro TGman, and click **Run**.

4. Wait for the processing to complete. After that, new worksheets with grouped results will appear in the workbook.

Important Notes

- The data used in the file is fictitious and provided solely for demonstration purposes. It contains no commercial, personal, or confidential information.

- The macro deletes List1 and List2 — it is **strongly recommended** to save a backup copy of the file before running it.

- The macro uses built-in Excel formulas and VBA objects (such as Dictionary, Worksheet, Range, etc.).

Requirements

- Excel with macro support (the file must be saved in .xlsm format);

- Macros must be enabled in Excel security settings.