

Program: Ratio-Maker

Version: 1.0

Dated: 21-December-2022

READ ME FILE / HOW TO OPERATE THIS SOFTWARE

THIS SOFTWARE IS VIRUS FREE

(Scanned using Windows Defender)

No current threats.

Last scan: 12/21/2022 11:00 PM (custom scan)

0 threats found.

Scan lasted 2 seconds

3411 files scanned.

[Allowed threats](#)

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Hello,

Thank you for taking out time and viewing this document.

This is my first software, so spare any in-convinces.

I aim to improve this software from your valued feedback.

Over the next few pages, I'll go over how this works,
so in-case you get stuck somewhere you can view this documentation.

This is a **ratio-maker**, which allows you to extract single or range of values.

Thank you,

Muhammad Hamza Saeed

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(Details for each portion on the pages mentioned)

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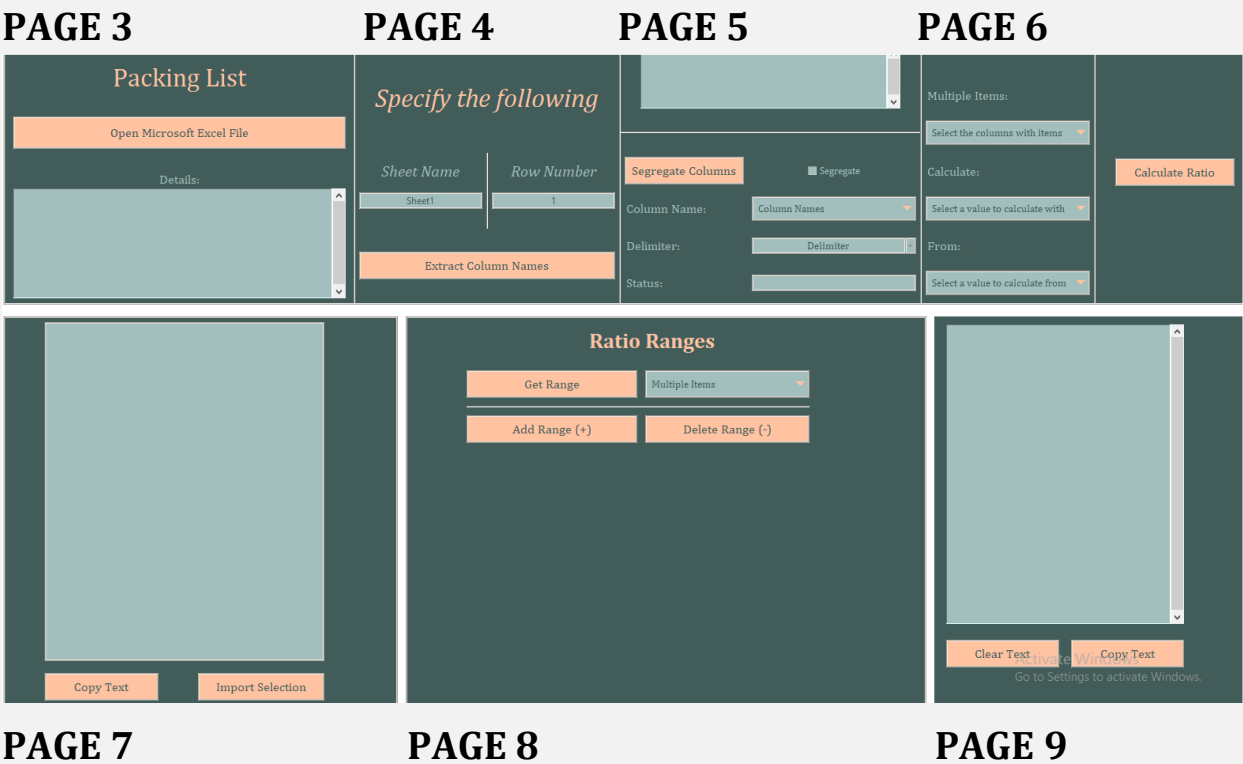
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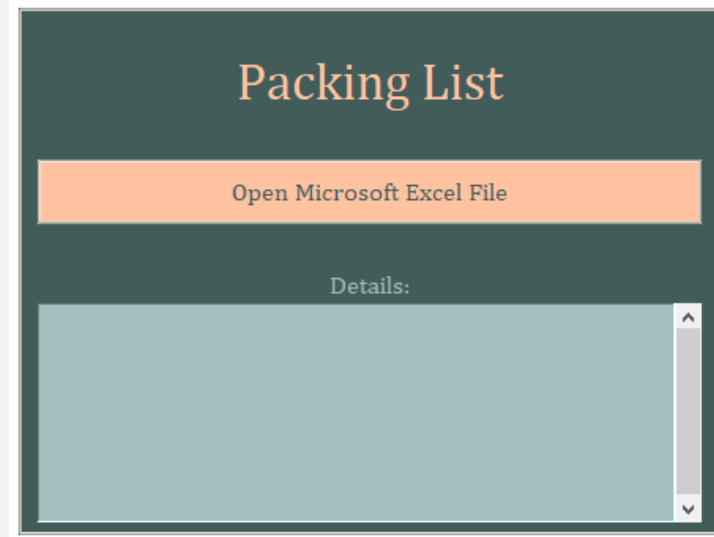
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The image displays a sequence of nine screenshots from a software application, arranged in a 3x3 grid. Each screenshot represents a different page of the application, labeled PAGE 3 through PAGE 9. The interface features a dark teal background with orange and light blue accents.

- PAGE 3:** Titled "Packing List", it includes a button "Open Microsoft Excel File", a "Details:" label, a large text area, and buttons "Copy Text" and "Import Selection" at the bottom.
- PAGE 4:** Titled "Specify the following", it features input fields for "Sheet Name" (containing "Sheet1") and "Row Number" (containing "1"), and a button "Extract Column Names".
- PAGE 5:** Titled "Segregate Columns", it includes a "Segregate" checkbox, input fields for "Column Name", "Delimiter", and "Status", and a "Calculate Ratio" button.
- PAGE 6:** Titled "Multiple Items:", it includes a dropdown menu "Select the columns with items", a "Calculate:" label, input fields for "Select a value to calculate with" and "Select a value to calculate from", and a "Calculate Ratio" button.
- PAGE 7:** Features a large empty text area and buttons "Copy Text" and "Import Selection" at the bottom.
- PAGE 8:** Titled "Ratio Ranges", it includes buttons "Get Range", "Add Range (+)", and "Delete Range (-)", and a dropdown menu "Multiple Items".
- PAGE 9:** Features a large empty text area, buttons "Clear Text" and "Copy Text" at the bottom, and a note "Go to Settings to activate Windows."



Step: 1

- Click, **Open Microsoft Excel File**, *opens the last visited directory.*

- Currently, as of **Version: 1.0** two file types are supported:

A. **XLSX**

B. **XLS**

- After opening a file, the following details will be displayed:

1st Paragraph: Note on **how to open** an excel file while opening file.

2nd Paragraph: Displays **File Name** (Absolute Path)

3rd Paragraph: Displays **number of sheet** followed by **sheet names** (in order)

4th Paragraph: Displays, **first 5 rows x 3 columns** for **first sheet**.

Specify the following

<i>Sheet Name</i>	<i>Row Number</i>
Sheet1	1

Extract Column Names

Step: 2

- From the **3rd Paragraph**,
enter the **sheet name** where you **packing list exists**.

- From the **4th Paragraph**,
Identify the row number, where your columns exist & mention it in the field below row number.

Details:

First 5 rows & 3 columns for: Sheet1

	SIZE	WIDTH	COLOR
0	0.11	740.0	RICE GREY
1	0.12	1000.0	WHITE GREY
2	0.12	750.0	SEA BLUE
3	0.13	900.0	RAL5002
4	0.13	900.0	RAL5002

This means row number for the above case is 1.

	COILS NO.	SIZE	COLOR	N.W	G.W	METER
1	E41201	0.13*1200	RAL 3020	3.712	3.732	3120
2	E41202	0.13*1200	RAL 3020	3.620	3.640	3069
3	E41203	0.13*1200	RAL 3020	4.272	4.292	3598
4	E41204	0.11*1000	RAL 9003	4.194	4.214	4901
5	E41205	0.11*1000	RAL 9003	4.200	4.220	4883
6	E41206	0.11*1000	RAL 9003	3.828	3.848	4441
7	E41207	0.11*1000	RAL 9003	4.516	4.536	5377
8				28.342	28.482	
9						

Once done press,
Extract Column Names

Step: 3

Above Separator, display list of all column names extracted from your packing list so you can see if the names are correct or not.

Below Separator, **an-optional tool**

In-case your **SIZE** or any value is combined together, you can cross the Segregate Box, specify the column and the delimiter (thing that separate those values) and finally press segregate columns to make additional columns.

Currently only works for, **SIZE (Thickness * Width)** in V 1.0.

*** can be any value specified or chosen from the drop-down menu.**

7. and 8.

New Columns Added

- Status shows results of Segregation

The image shows a dark-themed web form. On the left side, there are three vertically stacked dropdown menus. Each menu has a light blue background and contains the text 'No, Single Item' followed by a small downward-pointing triangle. The labels 'Multiple Items:', 'Calculate:', and 'From:' are positioned to the left of each respective dropdown. To the right of these dropdowns is a single orange button with the text 'Calculate Ratio' in white.

Step: 4

These drop down menus will be automatically filled with the extracted columns.

Multiple Items:

If your packing list has more than one item, specify them here to take out the ratio for each column.

Calculate:

Mostly this columns is for Net Weight, as its sum will be calculated for all unique values in the **From:**.

From:

This is the value, you would like the ratio for,
Example: For each **Thickness (From:)** calculate Sum of **Net Weight**.

Press, **Calculate Ratio** once done.

Ctrl + Click: to select specific rows | Shift + Click: to select multiple rows

THICKNESS	WEIGHT	COILS
0.11	16.738	4
0.13	11.604	3

Copy Text Import Selection

Step: 5

This **tree-view (tabular data)** will **display sum of each unique value.**
(If Calculate: Weight)

Copy text, will copy this database and you can paste in in an excel file with separate column and rows.

THICKNESS	WEIGHT	COILS
0.110	16.738	4
0.130	11.604	3

Or you can **Import Selection**,

- **Single Selection**, by clicking on any of the rows.
- **Specific Selection**, by pressing CTRL and clicking rows you want.
- **Continuous Selection**, by pressing a value then pressing SHIFT and clicking on a value, this will select everything in between.

Ratio Ranges

Get Range

Multiple Items ▼

Add Range (+)

Delete Range (-)

1		:	
2		:	
3		:	
4		:	
5		:	

Step: 6

If you have **Multiple Items** in Step 4, then this drop down menu will be have all the items shown once.

Add Range: creates a row.

That starts by a label for Serial No,
followed by **2 Entry Fields to enter range.**

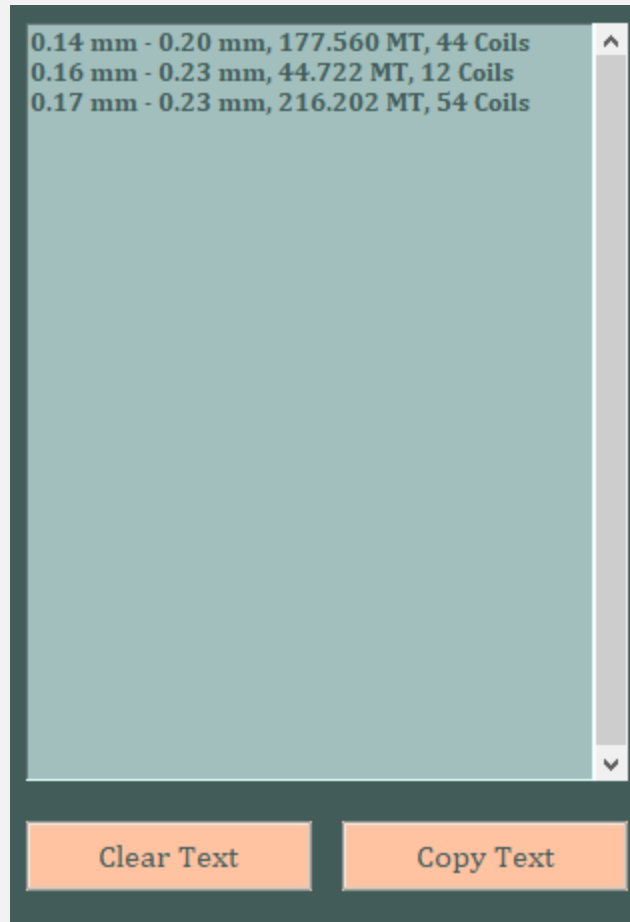
1st One is **From** and 2nd One is **Till**

NOTE: if you only **need one value and not a range**, you can just fill the first entry field and keep the second one empty. **Limit: 20 rows.**

Once done, press get range.

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NOTE: Step 5 and Step 6 can be done separately or both of them can be used for precise ratio calculation.



Step: 7

All selections from Step 5 and Step 6 will show in this text box.

Clear Text,

can be used to clear this text widget.

Copy Text,

Like Step 5, can copy the entire text widget into clipboard and can be pasted anywhere.

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**That's all for now, let me know if you have any other questions.
I'll await your feedback.**

Thanks again, Muhammad Hamza Saeed