



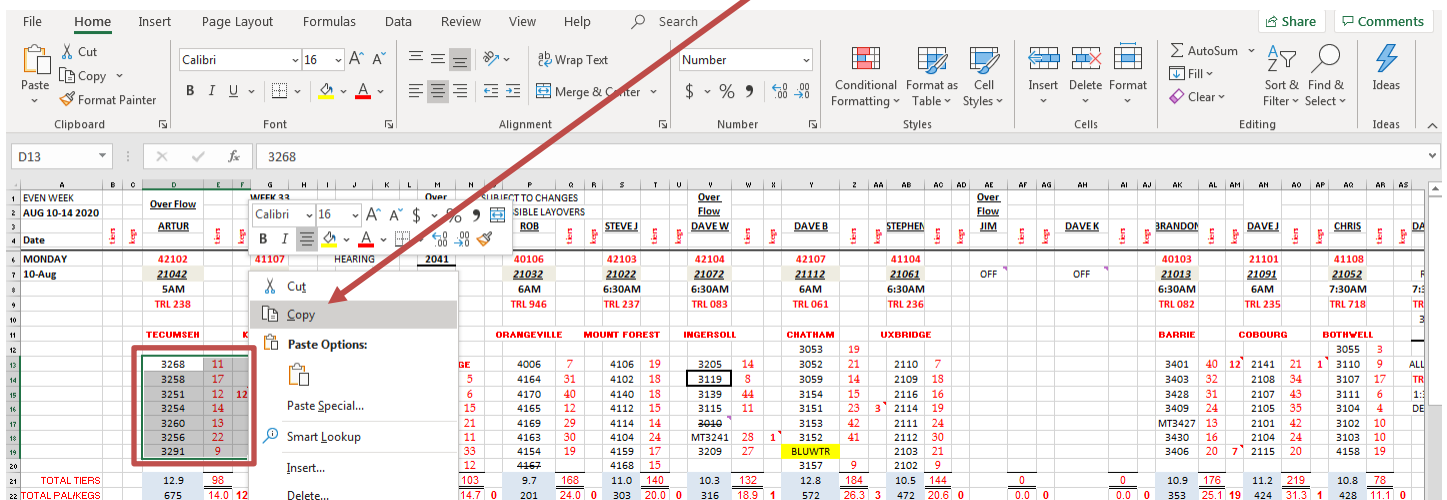
UNIBROUÉ



# Automatic Load Sheet S.O.P.

SLEEMAN BREWERIES LTD.

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Return to the AutoBuild workbook, and paste into CELL J6 (top left corner of load summary section)

The screenshot shows an Excel spreadsheet titled "26 Pallet Truck". The spreadsheet is organized into several sections. The top section has columns for "Trailer #", "Driver", and "Time Out". Below this is a section titled "Please Pick Up" which is divided into two columns: "Clear" and "Wood". Under "Clear" are "Kegs" and "Industry Glass". Below this is a section titled "Do Not Pick Up" which is divided into two columns: "Can Bins" and "Cardboard". The bottom section is titled "HEIGHT RESTRICTION STORES" and contains three rows of data: "TBS # 3119 NO MORE THAN 7 LAYERS & NO SPLIT", "TBS # 4505 NO MORE THAN 7 LAYERS & NO SPLIT", and "TBS # 4505 NO MORE THAN 7 LAYERS & NO SPLIT". The Excel ribbon is visible at the top, and the "Paste" dropdown menu is open on the right side of the screen.

File Edit View Insert Format Painter Font Alignment Number

Calibri 16 A A Wrap Text Number

B I U Merge & Center \$ %

board Font Alignment Number

3268

B C E F G H I J K L M N

## 26 Pallet Truck

|  |                | Clear | Font Size |        |        |
|--|----------------|-------|-----------|--------|--------|
| Trailer #:   |                |       |           |        |        |
| Driver:  |                |       | TIER      | PALLET | LAYERS |
| Time Out:  |                | 3268  | 11        |        |        |
|  |                | 3258  | 17        |        |        |
| <u>Please Pick Up</u>                              |                | 3251  | 12        | 12     |        |
| Clear  | Wood           | 3254  | 14        |        |        |
| Kegs   | Industry Glass | 3260  | 13        |        |        |
| <u>Do Not Pick Up</u>                              |                | 3256  | 22        |        |        |
| Can Bins   | Cardboard      | 3291  | 9         |        |        |
| <b>HEIGHT RESTRICTION STORES</b>                   |                |       |           |        |        |
| <b>TBS # 3119</b> NO MORE THAN 7 LAYERS & NO SPLIT |                |       |           |        |        |
| <b>TBS # 4505</b> NO MORE THAN 7 LAYERS & NO SPLIT |                |       |           |        |        |
| <b>TBS # 4505</b> NO MORE THAN 7 LAYERS & NO SPLIT |                |       |           |        |        |

Input Output - Default Output - Maintain Even Weight Output - Compress Output - Minimize

Now, on the “Input” sheet, fill in the Trailer #, Driver, and Time Out information, as shown on the schedule for this specific route.

The screenshot displays a spreadsheet application with a '26 Pallet Truck' layout. The spreadsheet is divided into two main sections: a data table on the left and a summary table on the right.

**Data Table (Left):**

| DATE           | TIME     | KEGS | PAUL      | TIME | KEGS | PREZ |
|----------------|----------|------|-----------|------|------|------|
| MONDAY         | 42102    | 11   | 41107     | 11   | 3106 | 3105 |
| 10-Aug         | 21042    | 17   | 21132     | 18   | 3105 | 3112 |
|                | 5AM      | 12   | 7AM       | 27   | 3117 | 3114 |
|                | TRL 238  | 9    | TRL 295   | 52   | 3108 | 3113 |
|                | TUCUMSEH |      | KITCHENER |      |      |      |
|                | 3268     | 11   | 4151      | 18   | 3106 | 3105 |
|                | 3258     | 17   | 4166      | 34   | 3105 | 3112 |
|                | 3251     | 12   | 4156      | 27   | 3117 | 3114 |
|                | 3254     | 14   | 4161      | 37   | 3108 | 3113 |
|                | 3260     | 13   | 4157      | 52   |      |      |
|                | 3256     | 22   | 4162      |      |      |      |
|                | 3291     | 9    |           |      |      |      |
| TOTAL TIERS    | 12.9     | 98   | 9.9       | 168  | 10.2 | 338  |
| TOTAL PAL/KEGS | 675      | 14.0 | 249       | 24.0 | 3    |      |

**Summary Table (Right):**

| Clear | Font Size | B/W Clear | Add B |
|-------|-----------|-----------|-------|
| 3268  | 11        |           | 1.6   |
| 3258  | 17        |           | 2.4   |
| 3251  | 12        | 12        | 1.7   |
| 3254  | 14        |           | 2.0   |
| 3260  | 13        |           | 1.9   |
| 3256  | 22        |           | 3.1   |
| 3291  | 9         |           | 1.3   |
|       |           |           | 0.0   |
|       |           |           | 0.0   |
|       |           |           | 0.0   |
|       |           |           | 0.0   |

**26 Pallet Truck**

Trailer #: 238

Driver: ARTUR

Time Out: 5:00AM

Please Pick Up

Clear Wood

Kegs Industry Glass

Do Not Pick Up

Can Bins Cardboard

HEIGHT RESTRICTION STORES

TBS # 3119 NO MORE THAN 7 LAYERS & NO SPLIT

TBS # 4505 NO MORE THAN 7 LAYERS & NO SPLIT

TBS # 4505 NO MORE THAN 7 LAYERS & NO SPLIT

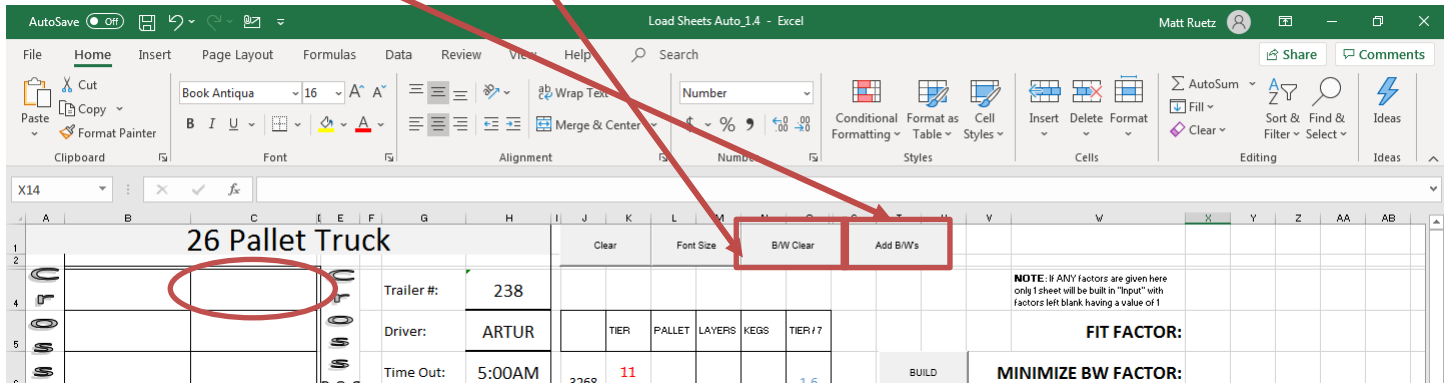
Output - Default

Output - Maintain Even Weight

Output - Compress

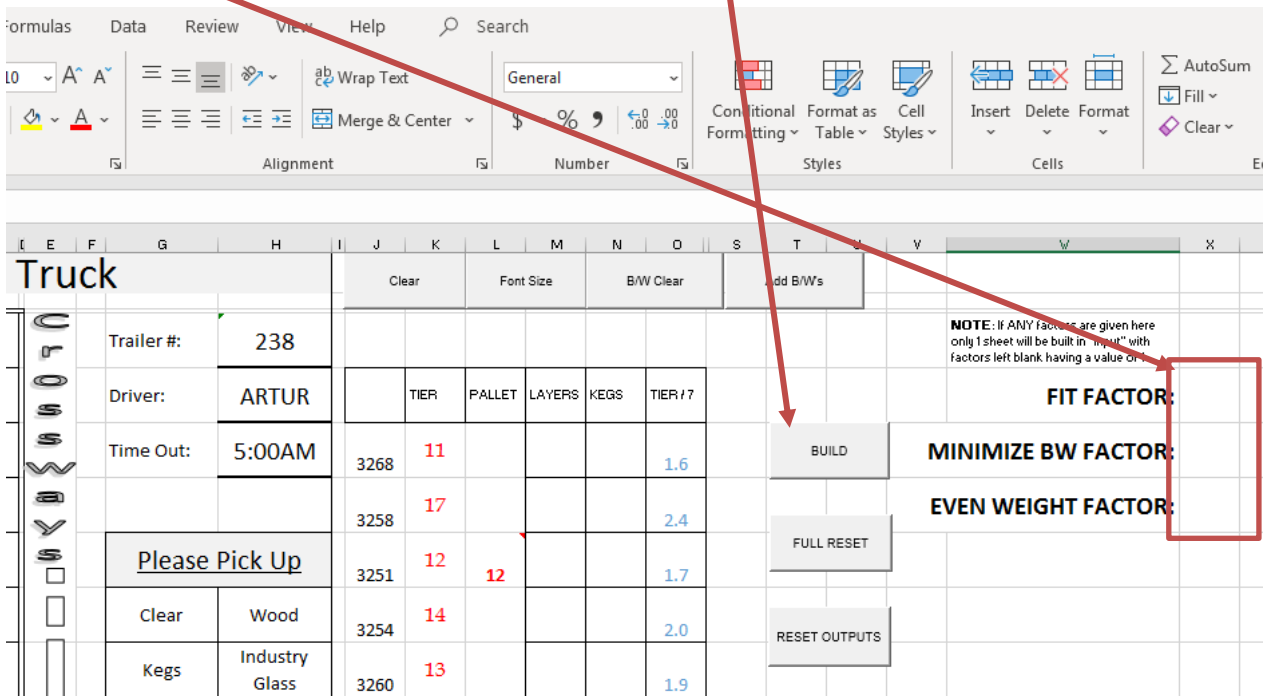
Output - Minimize B/Ws

Finally, if B/W's are required for the back-right corner of this trailer to minimize weight on the front axels, select the “Add B/W’s” button on the “Input” page. If they are not required (as in this case), then make sure **CELL C4** is blank, or select the “B/W Clear” button.

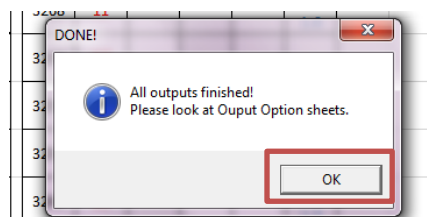


## Build Option 1: Multiple Alternative Mode

To create multiple potential output sheets to compare and select from, assure that **CELLS X5, X6, and X7** are **empty**. Then, click the “**BUILD**” button to create the outputs.



Once the following alert appears, the process is finished. Select “OK” to close the alert.



[illegible]

**Output – Minimize BWs:** Focuses on avoiding stacks that are less than 5 Layers, so that BW use is minimized.

# Tweaking

At this stage the user can alter the load they have chosen if they wish. Each output sheet has a button labelled “PULL BW SKIDS TO BACK” which may decrease the number of BWs in the load.

The load on the right shows a 3L partial skid with a BW under it which is close to the back of the load.

| 26 Pallet Truck |                    |                |                   |
|-----------------|--------------------|----------------|-------------------|
| 2481            | B/W'S              | Trailer #:     | 061               |
| 2481-3L<br>BW   | 2476               | Driver:        | DAVE B            |
| 2473            | 2476               | Time Out:      | 6:30AM            |
| 2472-6L         | 2475-1L<br>2476-6L | Please Pick Up |                   |
| 2485-3L<br>BW   | 2475               |                |                   |
| 2374            | 2378               | Clear          | Wood              |
| 2374-4L         | 2378-3L            | Kegs           | Industry<br>Glass |
|                 |                    | Do Not Pick Up |                   |

To move this 3L skid to the back of the load, click the PULL BW SKIDS TO BACK button on the right side of the spreadsheet:



This will push the 3L skid to the back of the load and shift up the deliveries before it:

| 26 Pallet Truck    |                    |  |  |
|--------------------|--------------------|--|--|
| 2481               | B/W'S              |  |  |
| 2481-3L<br>BW      | 2476               |  |  |
| 2473               | 2476               |  |  |
| 2472-6L            | 2475-1L<br>2476-6L |  |  |
| 2374               | 2475               |  |  |
| 2485-3L<br>2374-4L | 2378               |  |  |
|                    | 2378-3L            |  |  |
|                    |                    |  |  |
|                    |                    |  |  |
|                    |                    |  |  |
|                    |                    |  |  |
|                    |                    |  |  |

This result shows the 3L partial skid now stacked on top of the 4L skid at the end of the trailer. The BWs that were under this 3L are no longer needed in the load.

## Build Option 2: Specified Factor Mode

To build a single sheet with a custom set of decision factors, first select the “Input” sheet.

The values for **FIT FACTOR**, **MINIMIZE BW FACTOR**, and **EVEN WEIGHT FACTOR** can be manually entered in cells X5, X6, and X7 respectively. Enter numeric values in one or more of these cells to change the importance of that factor in the decision process.

Once all route information is entered (as summarized above), click the “BUILD” button. The resulting sheet will be created on the “Input” sheet.

| 26 Pallet Truck |        |      |    | Clear | Font Size | B/W Clear | Add B/Ws |
|-----------------|--------|------|----|-------|-----------|-----------|----------|
| Trailer #:      | 238    |      |    |       |           |           |          |
| Driver:         | ARTUR  |      |    |       |           |           |          |
| Time Out:       | 5:00AM |      |    |       |           |           |          |
|                 |        | 3268 | 11 |       |           |           | 1.6      |
|                 |        | 3258 | 17 |       |           |           | 2.4      |
|                 |        | 3251 | 12 | 12    |           |           | 1.7      |
|                 |        | 3254 | 14 |       |           |           | 2.0      |
|                 |        | 3260 | 13 |       |           |           | 1.9      |
|                 |        | 3256 | 22 |       |           |           | 3.1      |
|                 |        | 3291 | 9  |       |           |           | 1.3      |

**NOTE:** If ANY factors are given here only 1 sheet will be built in "Input" with factors left blank having a value of 1

**FIT FACTOR** 1

**MINIMIZE BW FACTOR** 9

**EVEN WEIGHT FACTOR** 3

**BUILD** **FULL RESET** **RESET OUTPUTS**

For any of these cells left blank, the factor will be automatically set to **1**. If all three cells are blank, **Multiple Alternative Mode** will be used instead.

↑ **FIT FACTOR:** Increase chance of creating partial stacks that are as large as possible.

↑ **EVEN WEIGHT FACTOR:** Increase chance of keeping the truck weight balanced during unload.

↑ **MINIMIZE BW FACTOR:** Increase chance of eliminating stacks / partials that would need BWs.

# Finalizing, and Resetting for Next Load Sheet

After an Output sheet is approved, it may be printed / sent to the warehouse crew.

Finally, navigate back to the “Input” sheet and click the “FULL RESET” button. This will clear all output sheets, and the input sheet. Repeat this process, starting from “Copying Route Information from Schedule” for each of the routes in the AZ schedule.