

# 1-C Configurable Design – Exercise 3

In this exercise we create a spec sheet for our iAssembly including a parts list that will detail each member and also a table that shows iAssembly factory parameters.

1. Open the iAssembly factory CW\_UR\_730.iam.

To create documentation of this factory, it is necessary to generate files for each member.

2. Expand the tables and keys in the browser,
3. Select Each member by holding CTRL and picking each member.

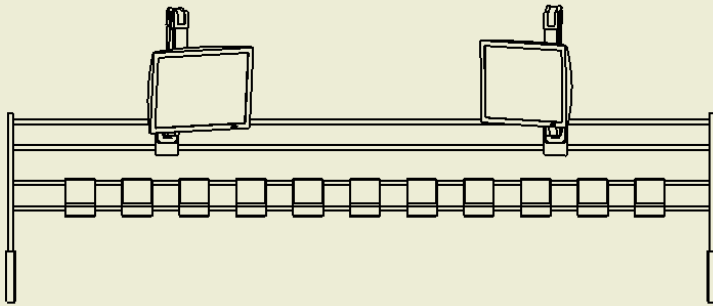
Tip: You can select multiple by selecting the top member, holding Shift and select the bottom member

4. Right click and Generate Members. It may ask you to save each member.

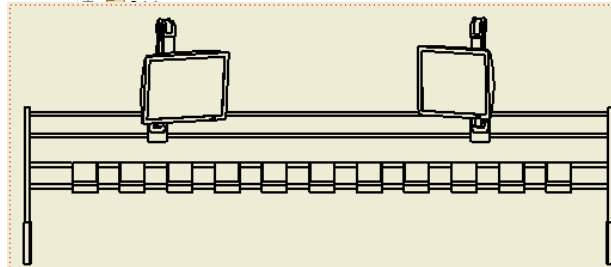
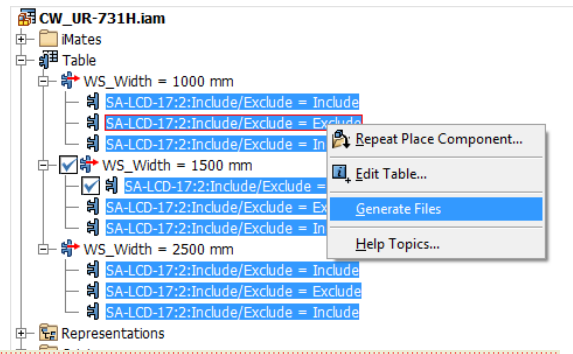
This is because the members may already exist.

5. Create a new file from the .idw or .dwg template.
6. On the Place View Tab, select Base.
7. Select the iAssembly factory CW\_UR\_730.iam
8. In the dialog select the Model State Tab to select which member will be shown on the screen.
9. Select Configuration CW\_UR\_731H\_07.iam. (This can be changed after the view is place.)
10. Select the Top View

| Member         | SA-LCD-17:2:Include/Exclude | TABLE    |        |       | Component Pattern 1:Include/Exclude | UF_CT_102:1:Table Replace |
|----------------|-----------------------------|----------|--------|-------|-------------------------------------|---------------------------|
|                |                             | WS_Width | d87    | d90   |                                     |                           |
| CW_UR-731 H-01 | Include                     | 1000 mm  | 125 mm | 3 ul  | Include                             | UF_CT_102-01              |
| CW_UR-731 H-02 | Exclude                     | 1000 mm  | 125 mm | 5 ul  | Include                             | UF_CT_102-01              |
| CW_UR-731 H-03 | Include                     | 1000 mm  | 125 mm | 3 ul  | Exclude                             | UF CT 102-01              |
| CW_UR-731 H-04 | Include                     | 1500 mm  | 175 mm | 5 ul  | Include                             | UF_CT_102-02              |
| CW_UR-731 H-05 | Exclude                     | 1500 mm  | 175 mm | 6 ul  | Include                             | UF_CT_102-02              |
| CW_UR-731 H-06 | Include                     | 1500 mm  | 125 mm | 5 ul  | Exclude                             | UF_CT_102-02              |
| CW_UR-731 H-07 | Include                     | 2500 mm  | 200 mm | 11 ul | Include                             | UF_CT_102-04              |
| CW_UR-731 H-08 | Exclude                     | 2500 mm  | 200 mm | 11 ul | Include                             | UF_CT_102-04              |
| CW_UR-731 H-09 | Include                     | 2500 mm  | 200 mm | 11 ul | Exclude                             | UF_CT_102-04              |

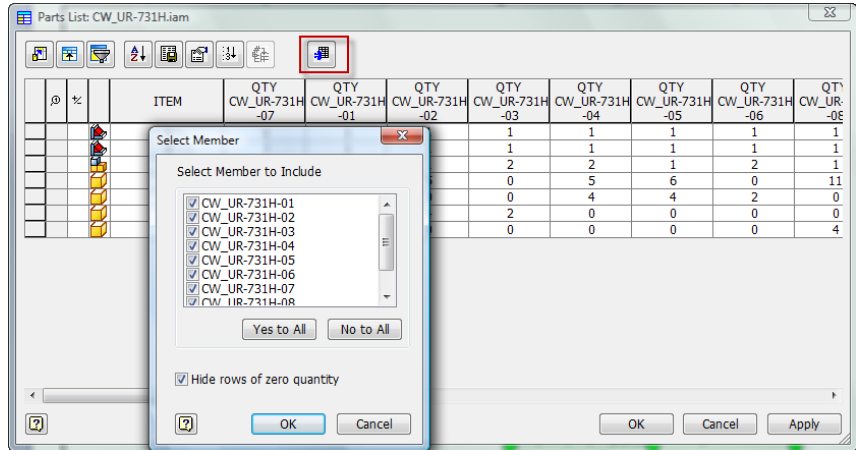


| PARTS LIST |           |           |           |           |           |           |           |           |           |           | PART NUMBER     | DESCRIPTION                  |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|------------------------------|
| ITEM       | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR | QTY CW_UR |                 |                              |
| 1          | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | UR-100-01-R     |                              |
| 2          | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | UR-100-01-L     |                              |
| 3          | 2         | 2         | 1         | 2         | 2         | 1         | 2         | 1         | 2         |           | SA-LCD-17       | SWING ARM, LCD FLAT PANEL    |
| 4          | 11        | 3         | 5         | 0         | 5         | 6         | 0         | 11        | 0         |           | 22-LX Part Bins | Parts Bin, Conductive, Small |
| 6          | 0         | 0         | 0         | 0         | 4         | 4         | 2         | 0         | 0         |           | UF_CT_100-02    |                              |
| 8          | 0         | 4         | 4         | 2         | 0         | 0         | 0         | 0         | 0         |           | UF_CT_100-01    |                              |
| 9          | 4         | 0         | 0         | 0         | 0         | 0         | 0         | 4         | 2         |           | UF CT 100-04    |                              |



Parts List

11. On the Annotate Tab>Table Panel>Select Parts List.
12. Select the View and place the table under the view.
13. Double the edge of the parts list or right click to Edit Part List.
14. Select the Select Member Icon. (This option is only available for parts list factories.)
15. Select which members you would like to appear in your parts list.

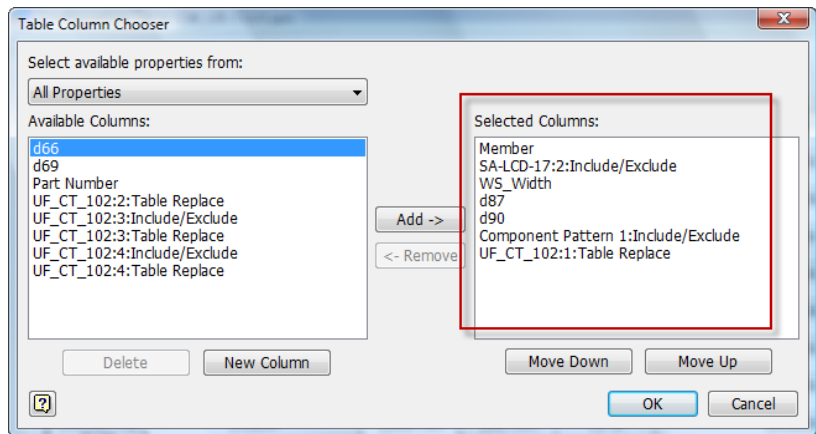


Note that the quantities for each are shown in the columns

16. Select Ok to close the dialog.

Tabulation Table

17. On the Annotate Tab>Table Panel>Select Table.
18. Select the View.
19. In the dialog, select Column Chooser to select the following columns.
20. Place above view.



End Exercise