Panels:

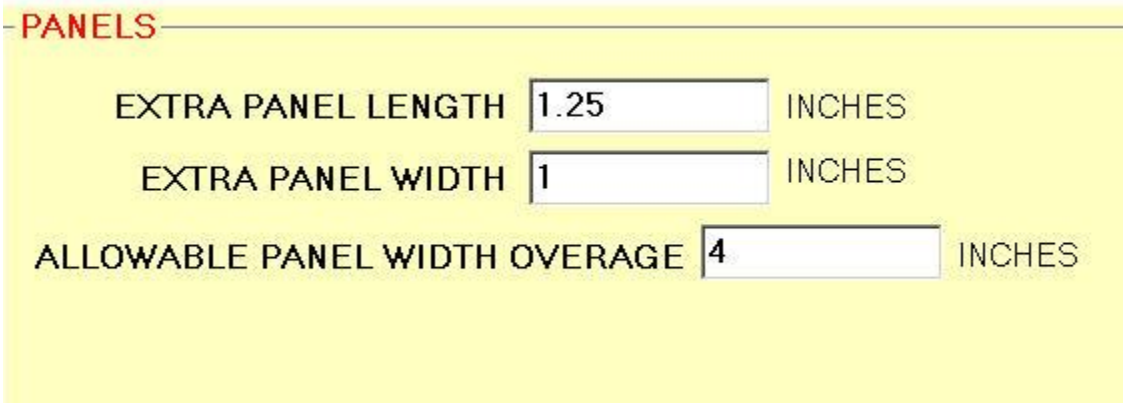
Enter : Allowable Panel Width Overage

When staves are cut for panels, the overage is not allowed to exceed the allowable panel width overage.

For example,

Panel width is 20 inches, extra panel width is 1 inch, allowable panel width overage is 4 inches.

The staves cut for this panel, when glued up, will be at least 21 inches (20 +1), but will not exceed 25 inches (20+1+4)



When the currently selected group of parts is a panel, and Scan is selected, the screen shown below is displayed. This is where the operator enters the board width and can adjust the allowable panel overage.

The grid (table) provides information on which parts in the grouping will be considered for cutting, given the width remaining to cut, and the allowable panel overage. For each panel, the table shows:

Width (Finished Panel Width)

Width Cut (Combined width of staves cut so far for the panel)

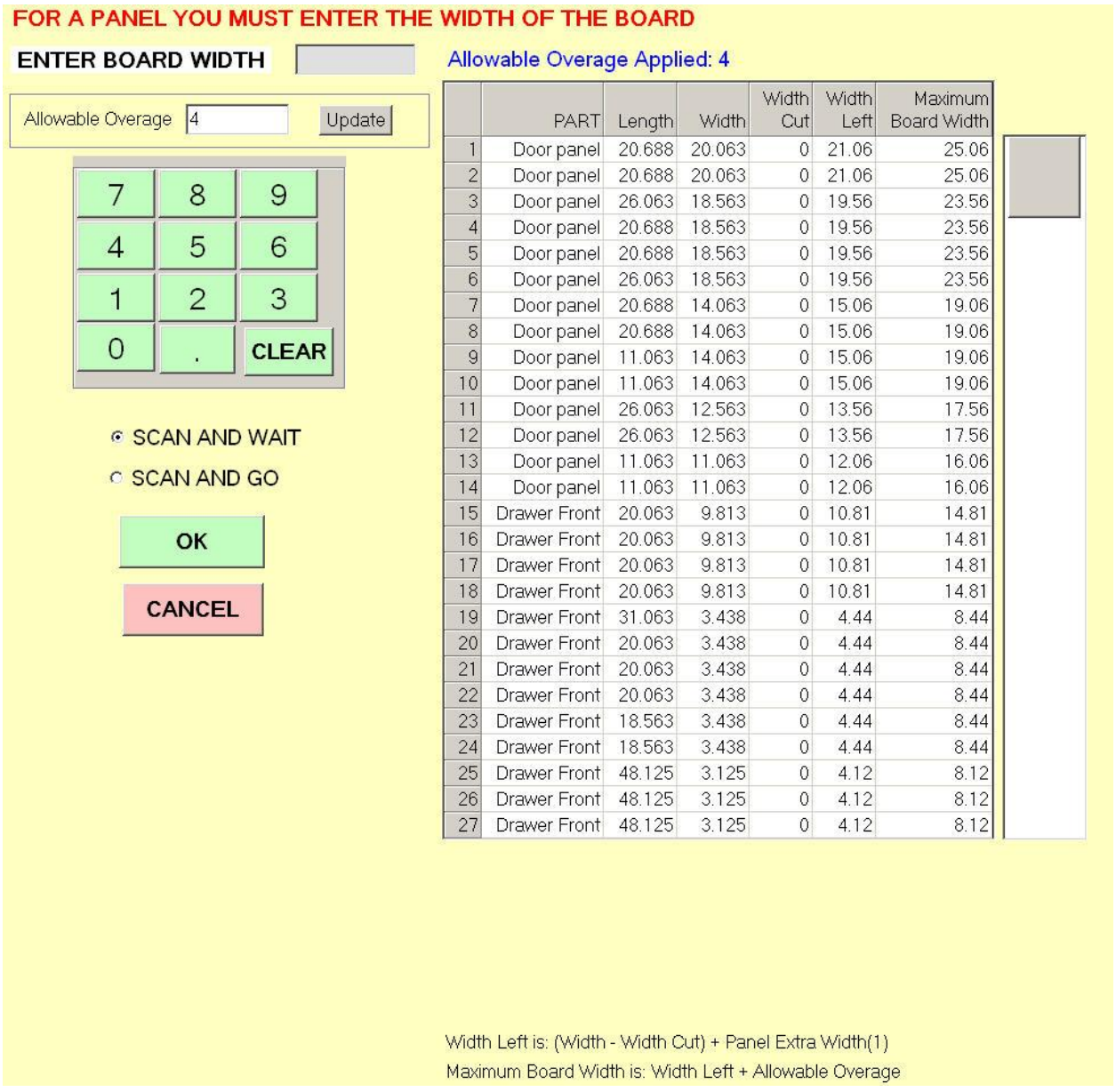
Width Left (Width left to cut, Width-Width Cut + Panel Extra Width)

Maximum Board Width: Width Left + Allowable Overage

The main purpose of the table is to show which parts would not be considered for cutting, for a given board width, and to help with width selection if several width of stock are available.

For the example, if the board width is 10 inches, all the parts with a maximum board width < 10 inches would not be considered, because the allowable overage would be exceeded.

For the parts being considered for a board width, after fitting parts that minimize waste based on the length of parts, when applying the stave width, it is applied to parts that minimize the overage, when it can be applied to multiple parts. For example, if a number of panels are the same length, a cut stave of that length can be applied to any of the panels of that length being considered. The cut stave is applied to the panel that results in minimum overage, if overage occurs.



	PART	Length	Width	Width Cut	Width Left	Maximum Board Width
1	Door panel	20.688	20.063	0	21.06	25.06
2	Door panel	20.688	20.063	0	21.06	25.06
3	Door panel	26.063	18.563	0	19.56	23.56
4	Door panel	20.688	18.563	0	19.56	23.56
5	Door panel	20.688	18.563	0	19.56	23.56
6	Door panel	26.063	18.563	0	19.56	23.56
7	Door panel	20.688	14.063	0	15.06	19.06
8	Door panel	20.688	14.063	0	15.06	19.06
9	Door panel	11.063	14.063	0	15.06	19.06
10	Door panel	11.063	14.063	0	15.06	19.06
11	Door panel	26.063	12.563	0	13.56	17.56
12	Door panel	26.063	12.563	0	13.56	17.56
13	Door panel	11.063	11.063	0	12.06	16.06
14	Door panel	11.063	11.063	0	12.06	16.06
15	Drawer Front	20.063	9.813	0	10.81	14.81
16	Drawer Front	20.063	9.813	0	10.81	14.81
17	Drawer Front	20.063	9.813	0	10.81	14.81
18	Drawer Front	20.063	9.813	0	10.81	14.81
19	Drawer Front	31.063	3.438	0	4.44	8.44
20	Drawer Front	20.063	3.438	0	4.44	8.44
21	Drawer Front	20.063	3.438	0	4.44	8.44
22	Drawer Front	20.063	3.438	0	4.44	8.44
23	Drawer Front	18.563	3.438	0	4.44	8.44
24	Drawer Front	18.563	3.438	0	4.44	8.44
25	Drawer Front	48.125	3.125	0	4.12	8.12
26	Drawer Front	48.125	3.125	0	4.12	8.12
27	Drawer Front	48.125	3.125	0	4.12	8.12