Timber cut-list worksheet

Use one actual timber section and one unit system per worksheet. Record finished part lengths; this sheet does not design a frame or its joints.

Project: _____

Actual section / material: _____

Stock length (mm): _____ Blade kerf (mm): _____

Allowance at EACH end (mm): _____ Date / revision: _____

Part ID	Finished length (mm)	Qty	Material / check notes
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			
11			
12			
13			
14			

Before calculating: confirm quantities and the usable stock you will actually buy. Reserve enough at each end for cleanup and its blade loss. Check grain, defects and any practical design requirements.

Next: enter these lengths in the free calculator for a suggested board map. Blade/end allowances are separate from finished lengths. A 1D packing result is not a guaranteed minimum or structural approval.

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10 parts. Three suggested 2400 mm boards.
Example inputs: 3 mm blade kerf, 5 mm allowance at EACH end. 2400 mm is about 94.488 in; exact 8 ft is 2438.4 mm and is different stock.

Part ID	Finished length (mm)	Qty	Material / check notes
P-01	900 (about 35.433 in)	4	Same actual section
P-02	600 (about 23.622 in)	2	Same actual section
P-03	300 (about 11.811 in)	4	Same actual section

Board 1: 900 + 900 + 300 mm | remaining offcut 281 mm



Board 2: 900 + 900 + 300 mm | remaining offcut 281 mm



Board 3: 600 + 600 + 300 + 300 mm | remaining offcut 578 mm



Material check: 7200 mm stock = 6000 mm finished parts + 1140 mm remaining offcut + 60 mm blade/end allowances. The 60 mm contains 30 mm reserved at ends and 30 mm blade gaps.

This is a calculation example, not a build plan. The tool uses first-fit decreasing, a fast 1D heuristic. It does not handle 2D plywood nesting, defects, joint design, appliance clearances or structural certification. Inspect and remeasure actual material before cutting.

Try your own list: use the link in the footer. The free worksheet/calculator is separate from the optional paid framing-plan PDFs. Inch equivalents above are rounded references; do not mix rounded conversions into the metric example.