

Coffee Table

Low plywood coffee table with gable sides and an optional lower shelf.

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5 pieces - 1 sheet

Cut list, sheet layouts, hardware and assembly instructions

Sheet shopping list

1 x 18 mm plywood - 2440 x 1220 mm (full sheet)

Sheet 1 of 1 - 18 mm plywood: 43 % unused

Your configuration

Parameter	Value
Main sheet material	Birch plywood
Overall width	1100 mm
Overall height	420 mm
Depth	550 mm
Lower shelf	1
Panel thickness	18 mm
Sheet length	2440 mm
Sheet width	1220 mm
Blade kerf	3 mm
Trim margin	10 mm
Edge-banding thickness	1 mm

Notes

INFO: 18mm suits tops up to 1200mm; choose 25mm for a wider or heavier-use table.

Safety first: wear eye and ear protection, follow your tools' manuals, and get help lifting large panels. Before cutting, confirm the actual sheet thickness and every site-specific measurement identified in the plan.

Cut list (all dimensions in mm)

Part	Qty	Length	Width	Thk	Material	Grain
Table top	1	1100	550	18	18 mm plywood	Along length
Gable side	2	402	550	18	18 mm plywood	Along length
Lower shelf	1	1064	510	18	18 mm plywood	Along length
Top rail	1	1064	100	18	18 mm plywood	Along length

Table top: All four edges banded - this is the visible surface.

Top rail: Screwed under the top, between the gables, to stop racking.

Cut Sequence (per sheet)

Sheet 1 - 18 mm plywood (2440 x 1220 mm (full sheet), 10 mm trim per edge)

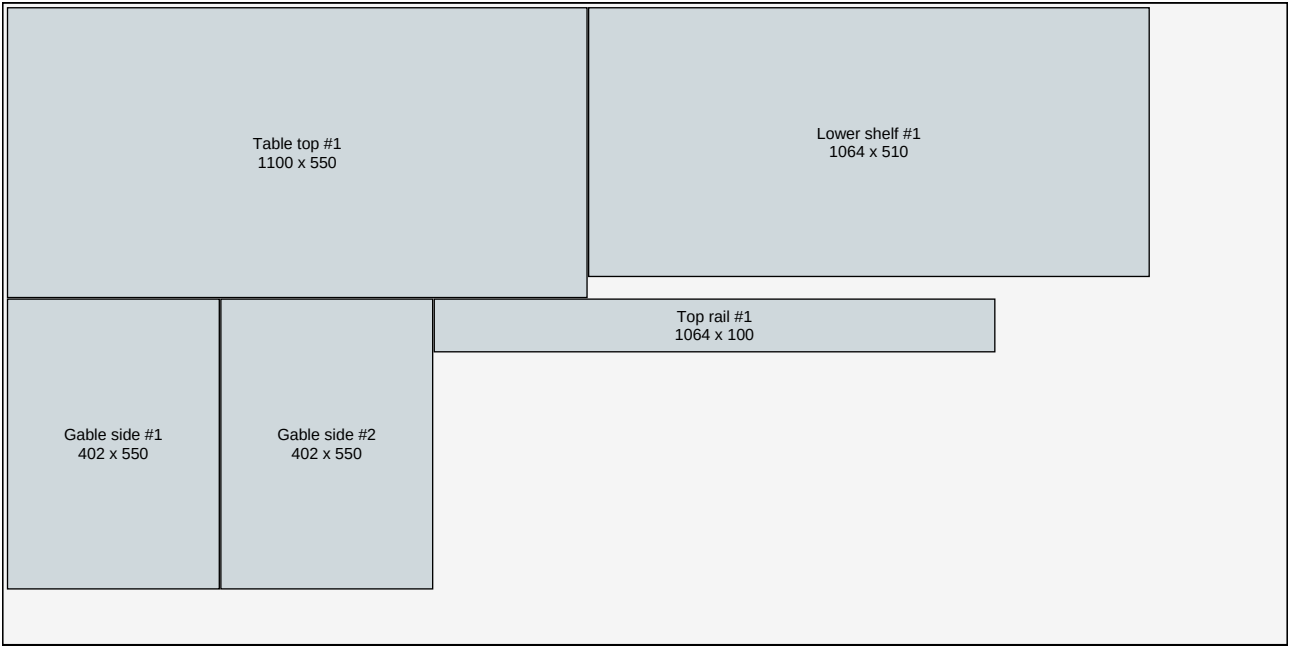
#	Axis	Position	Extent	Releases Part
1	rip	560	2420	Table top #1
2	cross	1110	550	Table top #1
3	rip	520	1317	Lower shelf #1
4	cross	2177	510	Lower shelf #1
5	rip	1113	2420	Gable side #1
6	cross	412	550	Gable side #1
7	cross	817	550	Gable side #2
8	rip	663	1610	Top rail #1
9	cross	1884	100	Top rail #1

Printable part labels

One master label per part type. Copy it onto masking tape for each piece as it is cut.

Table top - 1 piece 1100 x 550 x 18 mm 18 mm plywood grain along length Sheet 1 - 18 mm plywood	Gable side - 2 pieces 402 x 550 x 18 mm 18 mm plywood grain along length Sheet 1 - 18 mm plywood
Lower shelf - 1 piece 1064 x 510 x 18 mm 18 mm plywood grain along length Sheet 1 - 18 mm plywood	Top rail - 1 piece 1064 x 100 x 18 mm 18 mm plywood grain along length Sheet 1 - 18 mm plywood

Sheet 1 - 18 mm plywood (2440 x 1220 mm (full sheet), 10 mm trim per edge, unused area 43.0%)



Materials & hardware

Sheet Goods

Material	Qty	Length	Width	Piece
18 mm plywood	1	2440	1220	full sheet

Edge Banding

Pre-glued edge banding 25mm wide: 6 m
25mm width covers the configured panel edges with trimming allowance; quantity includes 10% waste.

Hardware

Item	Spec	Qty	Unit
Confirmat screws 7x50		12	pcs
Steel furniture angle brackets 40x40x40x2mm		4	pcs
Pan-head wood screws 4x16		16	pcs
PVA wood glue	D3, 1 litre	1	bottle
Felt floor pads		4	pcs

Confirmat screws 7x50: Primary panel-to-panel joints; pre-drill face and edge holes to prevent plywood splitting.
Steel furniture angle brackets 40x40x40x2mm: One internal bracket at each top-to-gable/rail fixing point.
Pan-head wood screws 4x16: Four short screws per angle bracket; 16mm length avoids piercing 18mm panels.
PVA wood glue: Apply a continuous thin film to clean mating timber surfaces before assembly; clamp or screw while curing and wipe off squeeze-out.

Warnings and notes

INFO: 18mm suits tops up to 1200mm; choose 25mm for a wider or heavier-use table.

Assembly order

1. Cut all parts per the sheet layout. Label each with masking tape.
2. Edge-band all four edges of the top and the top edge of each gable and shelf.
3. Screw the top rail between the gables, then the lower shelf if selected.
4. Sit the top on the assembly and fix it down with angle brackets.
5. Fit felt pads and level on the floor.

Appendix: Derived values ledger

Parameter	Formula	Value
IW	$W - 2 \cdot T$	1064