

Coffee Table

Automated woodworking cut list, grouped board cutting diagrams, and step-by-step 3D assembly guide.

Specifications

Overall Dimensions	40" W × 17" D × 18" H
Total Parts Count	11 pieces (4 unique sizes)
Dimensional Stock Lumber	5 boards (5 unique cutting patterns)
Wood Screws	22 screws

3D Project Overview

benchbuild.app

Cut List Summary

Identical pieces are grouped together. Check off each row as you cut your lumber and sheet goods.

Qty	Material	Cut Dimensions	Miter / Angle Cuts	Piece Names
2×	2x4	12"	Square (90°)	2× End Aprons
4×	4x4	16.5"	Square (90°)	4× Legs
2×	2x4	38"	Square (90°)	2× Aprons
3×	2x6	40"	Square (90°)	3× Slats

Board Cutting Diagrams

Boards with identical cuts are grouped with a multiplier badge (e.g., **5× Boards**) so you only read each cutting layout once. Includes 1/8" blade kerf.

1x Board 2x4 (8' / 96" stock)

3 cuts/board • 88.3" used • 7.8" scrap

Produces: Front Apron + Back Apron + End Apron



1x Board 2x4 (8' / 96" stock)

1 cut/board • 12" used • 84" scrap

Produces: End Apron



1x Board 4x4 (8' / 96" stock)

4 cuts/board • 66.4" used • 29.6" scrap

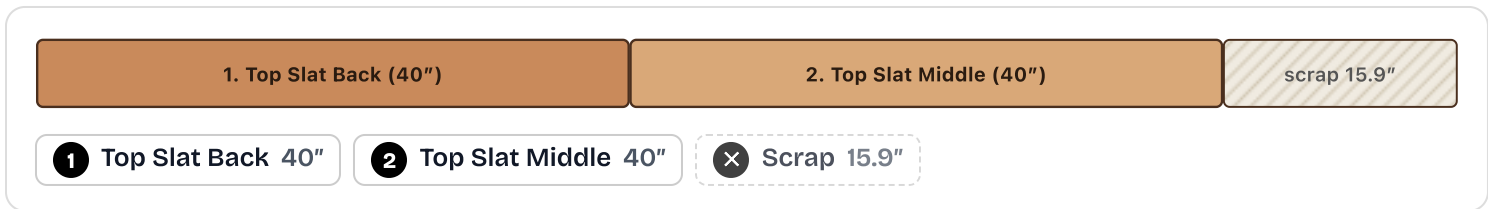
Produces: Leg Front + Leg Back + Leg Front + Leg Back



1x Board 2x6 (8' / 96" stock)

2 cuts/board • 80.1" used • 15.9" scrap

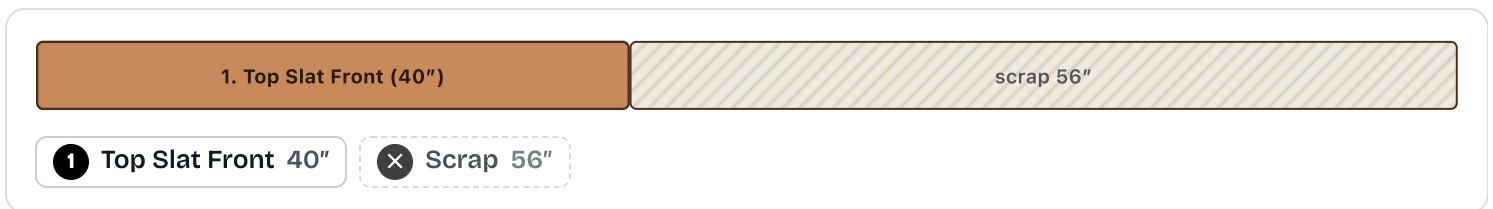
Produces: Top Slat Back + Top Slat Middle



1x Board 2x6 (8' / 96" stock)

1 cut/board • 40" used • 56" scrap

Produces: Top Slat Front



Step-by-Step Assembly Guide

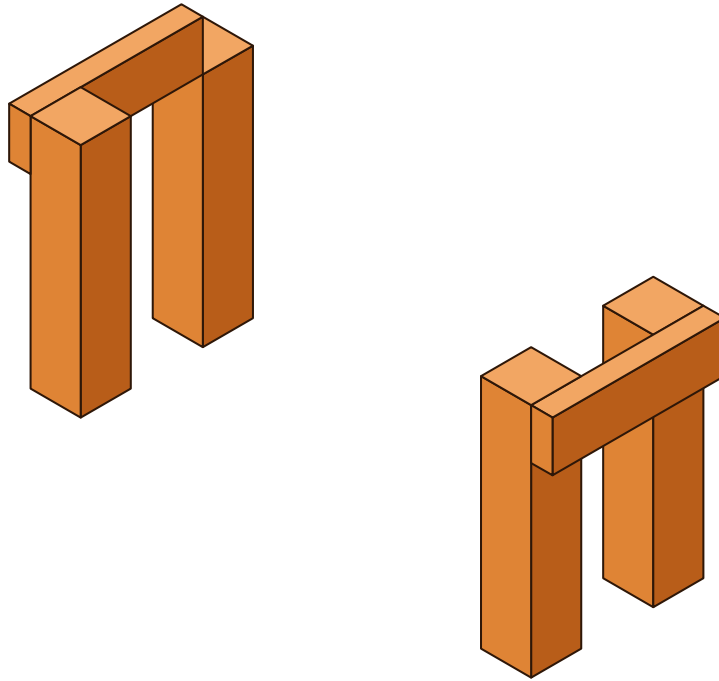
Pieces highlighted in warm amber are added in the current step. Muted beige pieces are already assembled from previous steps.

1

End Frames (×2)

Make 2 identical units (3 pcs each): 1× End Apron (2x4, 12") 2× Leg (4x4, 16.5")

- Drive 4× 2.5" screws (per unit) through **Apron** into **Leg**

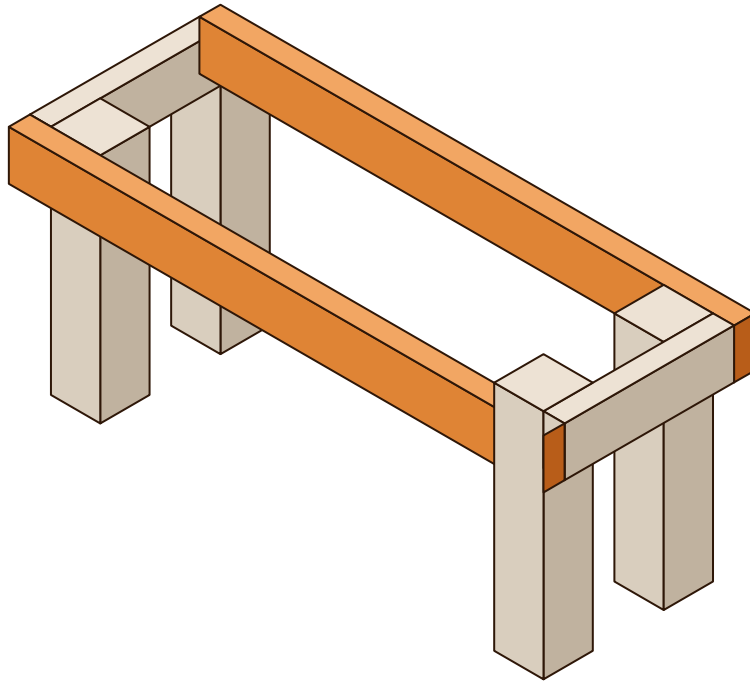


2

Frame Assembly

2× Apron (2x4, 38")

- Drive 8× 2.5" screws through **Apron** into **Leg**



3

Top & Finishing Assembly

3× Top Slat (2x6, 40")

- Drive 6× 2.5" screws through **Top Slat** into **Apron**

