

Entryway Bench

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

Specifications

Overall Dimensions	36" W × 12" D × 18" H
Total Parts Count	19 pieces (5 unique sizes)
Dimensional Stock Lumber	5 boards (4 unique cutting patterns)
Wood Screws	30 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
4×	4x4	16.5"	Square (90°)	4× Legs
4×	2x4	9"	Square (90°)	2× Aprons · 2× Stretchers
4×	2x4	34"	Square (90°)	2× Aprons · 2× Stretchers
2×	2x6	36"	Square (90°)	2× Seat Slats
5×	2x4	12"	Square (90°)	5× Shoe Slats

Board Cutting Diagrams

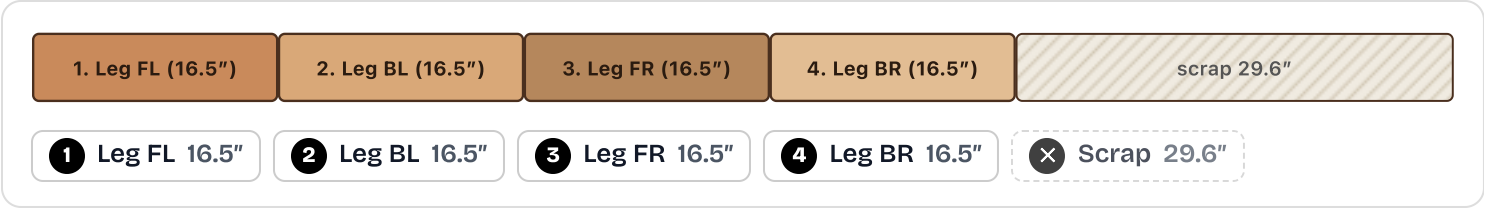
Boards with identical cuts are grouped with a multiplier badge (e.g., **5× Boards**) so you only read each cutting layout once. Includes 1/8" blade kerf.

1× Board

4x4 (8' / 96" stock)

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

Produces: Leg FL + Leg BL + Leg FR + Leg BR

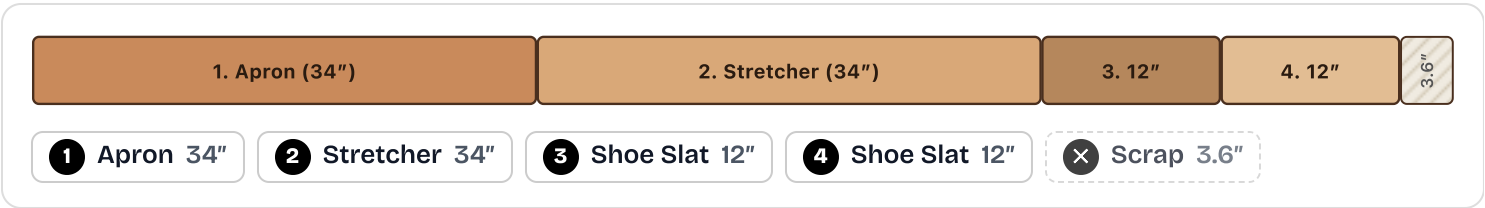


2× Boards

2x4 (8' / 96" stock)

4 cuts/board • 92.4" used • 3.6" scrap

Cut this pattern **2 times** (2 boards total). Makes: Front Apron + Front Stretcher + Shoe Slat 1 + Shoe Slat 2, Back Apron + Back Stretcher + Shoe Slat 3 + Shoe Slat 4



1× Board

2x4 (8' / 96" stock)

5 cuts/board • 48.5" used • 47.5" scrap

Produces: Shoe Slat 5 + Left Apron + Left Stretcher + Right Apron + Right Stretcher

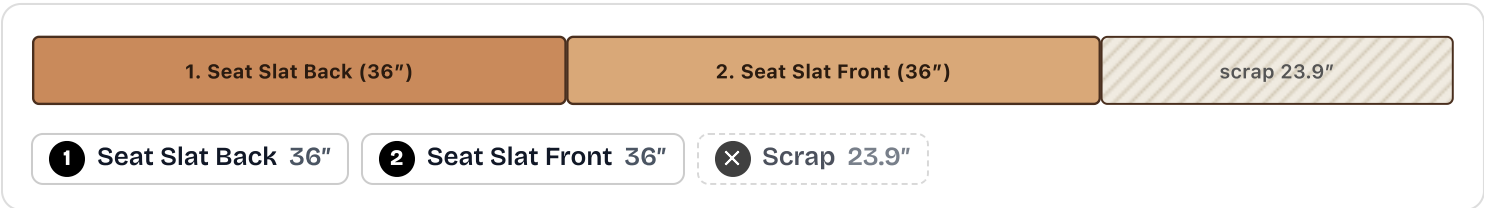


1× Board

2x6 (8' / 96" stock)

2 cuts/board • 72.1" used • 23.9" scrap

Produces: Seat Slat Back + Seat 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

Frame Assembly

4× Leg (4x4, 16.5")

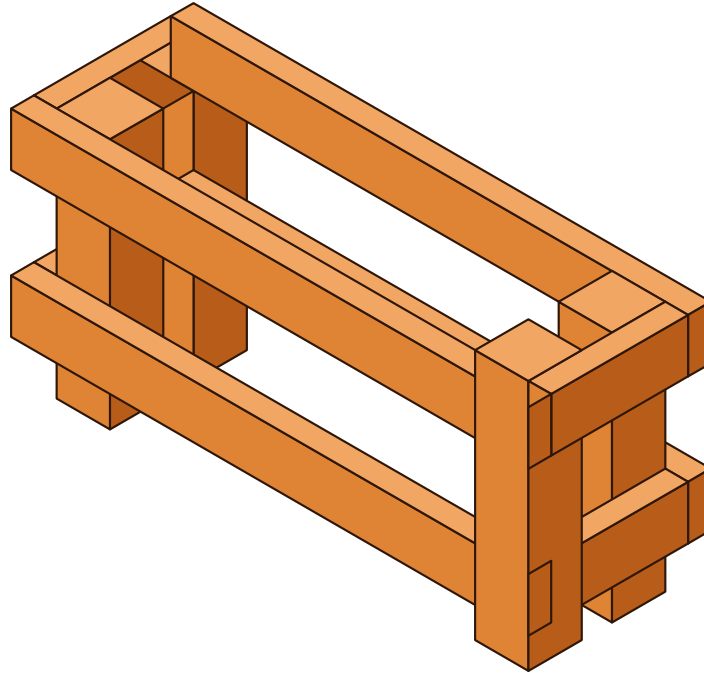
2× Apron (2x4, 9")

2× Stretcher (2x4, 9")

2× Apron (2x4, 34")

2× Stretcher (2x4, 34")

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



2

Top & Finishing Assembly

2× Seat Slat (2x6, 36")

5× Shoe Slat (2x4, 12")

- Drive 4× 2.5" screws through **Seat Slat** into **Apron**
- Drive 10× 2.5" screws through **Shoe Slat** into **Stretcher**

