

Sawhorse

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

Specifications

Overall Dimensions	36" W × 20" D × 30" H
Total Parts Count	7 pieces (3 unique sizes)
Dimensional Stock Lumber	3 boards (3 unique cutting patterns)
Wood Screws	16 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
1×	2x4	36"	Square (90°)	Beam
2×	2x4	20"	Square (90°)	2× Feet
4×	2x4	28.5"	Square (90°)	4× Legs

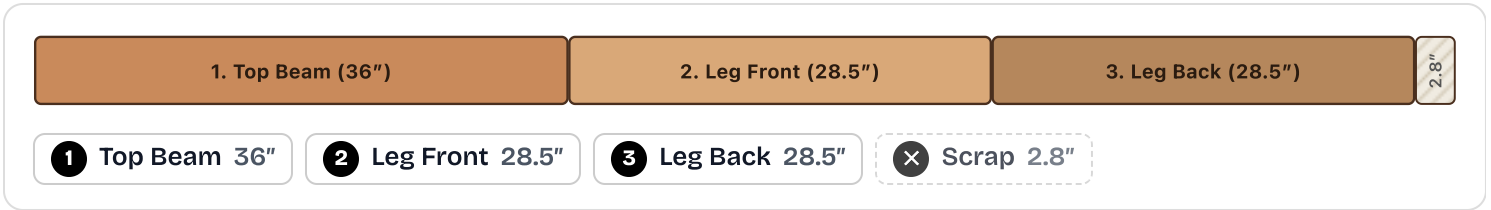
Board Cutting Diagrams

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 • 93.3" used • 2.8" scrap

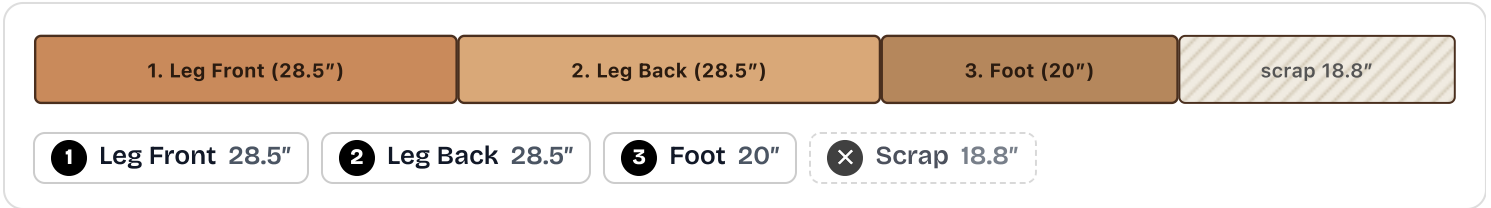
Produces: Top Beam + Leg Front + Leg Back



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

3 cuts/board • 77.3" used • 18.8" scrap

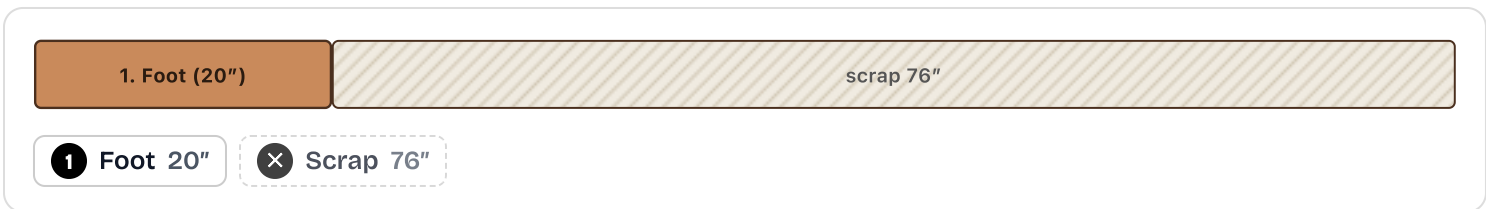
Produces: Leg Front + Leg Back + Foot



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

1 cut/board • 20" used • 76" scrap

Produces: Foot



Step-by-Step Assembly Guide

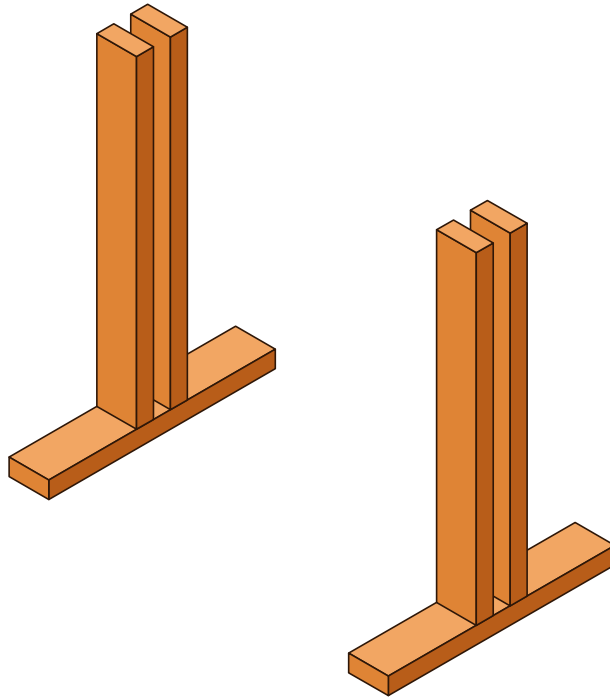
Pieces highlighted in warm amber are added in the current step. Muted beige pieces are already assembled from previous steps.

1

Leg Sets (×2)

Make 2 identical units (3 pcs each): 1× Foot (2x4, 20") 2× Leg (2x4, 28.5")

- Drive 4× 3" screws (per unit) through **Foot** into **Leg**



2

Main Assembly

1× Top Beam (2x4, 36")

- Drive 8× 2.5" screws through **Leg** into **Top Beam**

