

Step Stool

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

Specifications

Overall Dimensions	18" W × 5.5" D × 12" H
Total Parts Count	4 pieces (3 unique sizes)
Dimensional Stock Lumber	2 boards (2 unique cutting patterns)
Wood Screws	8 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×	2x6	10.5"	Square (90°)	2× Sides
1×	2x4	9"	Square (90°)	Stretcher
1×	2x6	18"	Square (90°)	Step

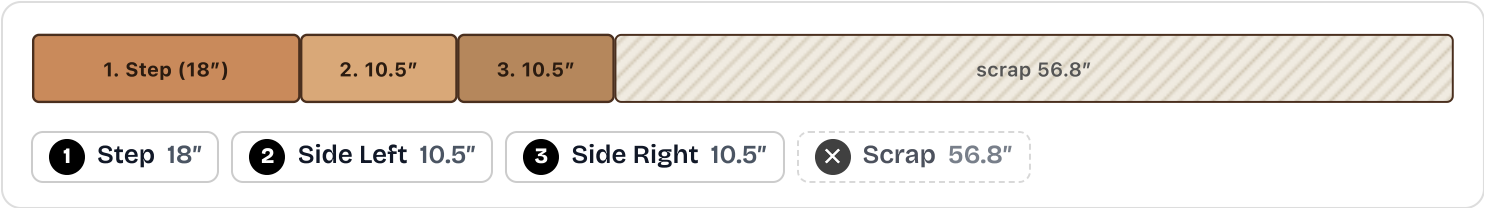
Board Cutting Diagrams

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 2x6 (8' / 96" stock)

3 cuts/board • 39.3" used • 56.8" scrap

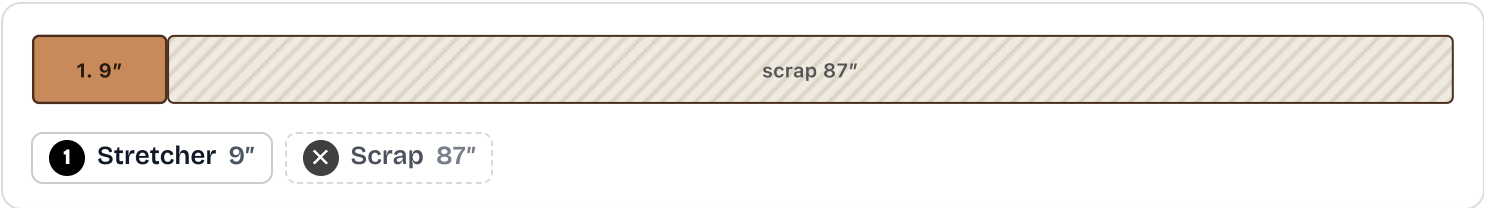
Produces: Step + Side Left + Side Right



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

1 cut/board • 9" used • 87" scrap

Produces: Stretcher



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.

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Complete Assembly

2× Side (2x6, 10.5")

1× Stretcher (2x4, 9")

1× Step (2x6, 18")

- Drive 4× 2.5" screws through **Step** into **Side**
- Drive 4× 3" screws through **Side** into **Stretcher**

