Your timber shopping & cut list

Garage workbench frame | 1525 x 915 x 760 mm (W x H x D)

YOUR FIXED SIZE / W x H x D

1525 x 915 x 760

Millimetres / inspect the actual space first

STOCK BOARDS TO BUY

12

2400 mm stock / 38x89 mm actual section

SAW-CUT PIECES

24

3 mm kerf / 23.2% calculated offcut

Label these timber members before assembly. Panels and cladding are specified separately.

ID	Timber member	Section	Qty	Finished cut length	Use / planning note
L-01	Paired laminated leg members	38x89mm	12	879 mm approx. 34.606 in	Two actual timber pieces per leg; confirm glue, bolts and intended loads.
F-01	Front & rear apron rails	38x89mm	4	1525 mm approx. 60.039 in	One front and one rear rail per level; face-fix to legs with suitable reviewed joints.
C-01	Cross-joists between apron faces	38x89mm	8	684 mm approx. 26.929 in	Positions avoid the leg members; consult the plan projection and member coordinates.

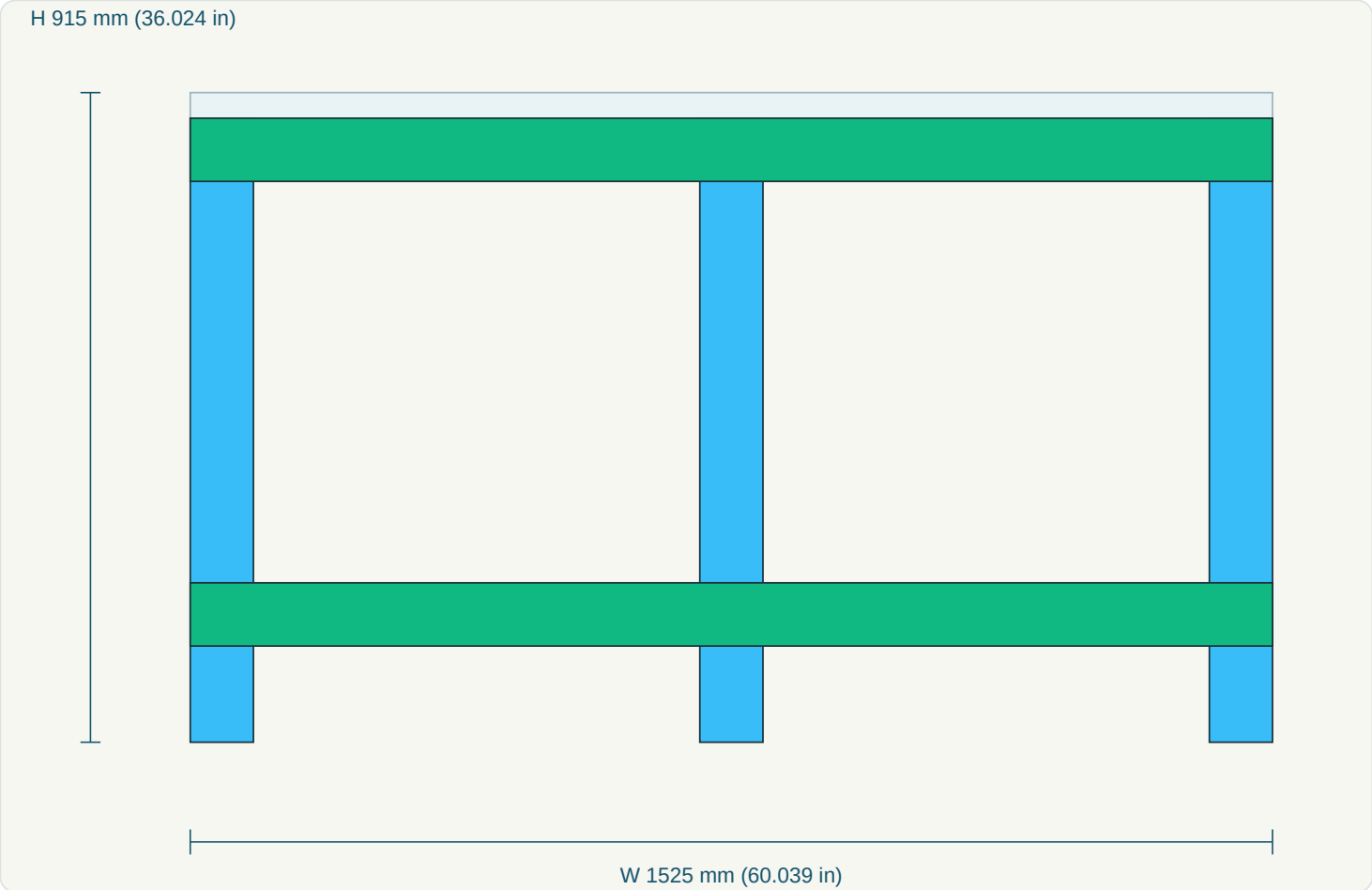
Derived lengths rounded to 0.1 mm; inch references approximate. Check actual stock and fit before cutting.

See the frame before you build

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FRONT ELEVATION

1:10 at 100% on A4



PART KEY

L-01	879 mm
F-01	1525 mm
C-01	684 mm

DEPTH ENVELOPE

760 mm (29.921 in)

Envelope only; not a joint section.

Coloured rectangles are the projected frame. Pale shapes show context, not additional cut parts.

500 mm print-scale check

Use A-01 IDs and C-02 lengths with the assembly sequence on D-03. Check actual product dimensions, fixing positions and manufacturer clearances before cutting.

Cut every board with a clear map

Garage workbench frame | 1525 x 915 x 760 mm (W x H x D)

Stock 2400 mm (94.488 in). Cuts rounded to 0.1 mm; inch references approximate. Gaps allow 3 mm kerf between segments; end trimming is separate.

BOARD 01



F-01: 1525 mm (60.039 in) + C-01: 684 mm (26.929 in) | Offcut: 188 mm (7.402 in)

BOARD 02



F-01: 1525 mm (60.039 in) + C-01: 684 mm (26.929 in) | Offcut: 188 mm (7.402 in)

BOARD 03



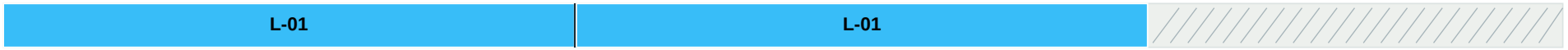
F-01: 1525 mm (60.039 in) + C-01: 684 mm (26.929 in) | Offcut: 188 mm (7.402 in)

BOARD 04



F-01: 1525 mm (60.039 in) + C-01: 684 mm (26.929 in) | Offcut: 188 mm (7.402 in)

BOARD 05



L-01: 879 mm (34.606 in) + L-01: 879 mm (34.606 in) | Offcut: 639 mm (25.157 in)

BOARD 06



L-01: 879 mm (34.606 in) + L-01: 879 mm (34.606 in) | Offcut: 639 mm (25.157 in)

Build in a sensible sequence

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STEP 01

Cut every member from Sheet C-02 board by board, then write its part ID on each piece in pencil so nothing gets mixed up.

STEP 02

Laminate the legs: glue and screw the L-01 pieces together in pairs to make 6 solid posts (8 screws per post, staggered both faces).

STEP 03

Build the top frame and 1 lower shelf frame using the F-01 aprons and 8 C-01 cross-joists in the cut list. Place the cross-joists in the gaps between leg positions as shown in the plan projection and member coordinates; the front apron conceals their ends in the front elevation. Confirm joints and supports suit the actual worktop and intended loads.

STEP 04

Place each paired leg BETWEEN the front and rear apron faces; do not put a leg and apron in the same timber volume or cut an unspecified notch. Bolt the legs to the frames with suitable reviewed connections, top frame flush with the top of the legs (bench height 915 mm including the top).

STEP 05

Stand the bench on a flat floor, check level both ways and the diagonals for square; shim or trim legs as needed.

STEP 06

Plan the worktop at 1525 mm x 760 mm separately. The listed leg lengths allow a 36mm top; a different top thickness needs its leg allowance reviewed before cutting. Confirm the worktop material and its fixings suit your intended use.

STEP 07

Fit the lower shelf boards, ease all edges, and seal the top with 2 coats of oil or poly.